



MEMORANDUM

Date: 13APR12
Project: 2747 / 11446 USCG Inland Fleet Assessment
Corr. No.: 11446-026M
To: Nick Hirannet, ACOE
From: Russell Bostock, BHGI
Re: Maintenance on the River Study
Ref: (a) 11446-9 Rev -

The following information was gathered through the use of inland river guides and many phone interviews with the various yards' superintendents or senior operations personnel. Many shipyards' websites were also perused as a means to verify the information herein. Not every yard was contacted as some had very complete websites. A subset of these yards was called at random to confirm that the website information was accurate. The Inland River Guide, published by the Waterways Journal, was a valuable tool and very helpful in identifying locations and capabilities of yards, as well as full contact information for the yards and their key personnel.

Ref (a) is broken down by river. The first river listed is the Mississippi which pertains to the Lower Mississippi. This is the portion of the river below the Ohio River. Areas above the Ohio River are considered to be part of the Upper Mississippi. At this point the mile markers start again from zero.

The next river listed is the Mononghela River which has four facilities listed. The Ohio River follows the Mononghela with thirteen facilities. The Tennessee River is next with just three facilities. Following the Tennessee is the Gulf Coast Intracoastal Waterway – East, followed by the Gulf Coast Intracoastal Waterway – West. Lastly, the Illinois River has two facilities listed and the Kanawha River has just one.

The spreadsheet has headings for services available, as well as listings for up to eight drydocks, (two per cell). In some cases, Travelifts, graving docks, and marine ways are included. With the exception of a 10,000T and a 9,000T drydock, the docks listed fall below 4000T capacity. All capacities are in short tons (1 short ton = 2,000 lbs). Docks above 10,000T were considered cost prohibitive and were not included.

The services listed in the report include the following:

- Floating Crane availability
- Electric Shop
- Propeller Shop
- Machine Shop
- Fabrication shop
- Blasting
- Painting
- Pipe Shop

Findings:

1. Although not all facilities have floating cranes, those which have drydocks all seem to have land cranes which are capable of reaching the “shoreside end” of the drydock. This capability will allow for engine changes and shaft and wheel work and thus have been considered adequate for WLIC and WLR repair work.
2. It is not typical for yards to have in-house propeller shops, however, some of the larger yards do have this capability. Those yards which do not have their own propeller shop typically have a competent shop nearby which is deemed adequate for WLIC and WLR repair work. Ref (a) identifies whether a propeller shop is in house or at an outside vendor’s facility.
3. Many of the yards listed do have their own machine shop. Some are more competent than others. As such, it is suggested that a yard which might be considered for this work be contacted to ensure that they have the particular capability required. Further, similar to the propeller shops above, some yards work with a local machine shop. This is generally considered adequate for WLIC and WLR repair work, but is noted in ref (a).
4. During the aforementioned research, it was found that several of the yards have new or recently modified drydocks. Any changes in lifting capacity and/or the length and the clearance inside the wing walls of the dock were noted in ref (a). It was also noted that the way yards list the dimensions of their drydocks is not consistent. In particular, some yards quote overall width of the drydock and some quote clearance between the wing walls. Those dimensions listed in the matrix attempt to note distances inside the wing walls. It would be prudent to contact any potential yard to confirm that their drydocks have not been modified and that the inside clearances are in fact suitable for a particular vessel. Further, the lengths listed are of that of the actual drydock and do not include any catwalks or extensions.
5. Generally speaking, blasting and painting is something that most yards will perform. However, some do hire subcontractors for this work, some will not blast over the water, some will only perform this work on land, and others may need to contain dust within the drydock with curtains. Since the requirements for blasting and painting can vary with the locality, it is advisable to check local regulatory requirements and costs prior to committing to conducting such work at any particular yard.
6. Approximately half of the shops listed actually have their own pipe shop. However, some of those which do not have an in-house pipe shop do have the ability to cut, fit, and weld pipe on a limited scale.
7. Most yards have an electrical shop and others have a competent subcontractor that they work with. Outside vendors are noted in ref (a) as appropriate.
8. There seems to be quite a bit of difference in the capability of the yards’ fabrications shops. This may be a minor concern when undergoing routine maintenance. However, if major modifications or new construction is required, a highly capable fabrication shop would be desirable. Confirming a yard’s fabrication capabilities would be advisable as part of the yard selection process if such services are specifically required.
9. It is hoped that the information contained in the spreadsheet is a valuable aid and can save the ACOE / USCG time as they select appropriate facilities to suit their needs. Many more yards were researched than are reported herein. Those not included lacked many of the services listed, were limited in their ability to haul the necessary size vessel, or had drydocks which were cost prohibitive due to their very large size.
10. The majority of the yards listed lie along the Gulf Coast Intracoastal Waterway (East and West) and the Lower Mississippi River. The Ohio River has several competent facilities as well. In all, 32 facilities are “bolded” indicating that they offer acceptable drydocks for hauling the largest

anticipated vessel, the 200' Shingle Hull Tender (SHT), and all services. A dry dock in excess of 160' x 40' x 800T was deemed large enough for the 200' x 34' SHT.

11. It is suggested that ref (a) is used a starting point to locate suitable facilities along a particular river. However, confirmation of the information contained is advisable as it is apparent that these shipyards are continually adding or modifying their facilities and infrastructure.

MAINTENANCE-ON-THE-RIVERS SURVEY

USCG WLIC/WLR Replacement

Document #: 11446-9

Revision:	Issue Date	By	Checked	Description
-	13-Apr-12	RJB	GWB	Initial Issuance

MAINTENANCE ON THE RIVER

USCG WLIC/WLR Replacement

Document #: 11446-9

Revision:	Issue Date	By	Checked	Description
-	13-Apr-12	RJB	GWB	Initial Issuance

River: Lower Mississippi

Name of Facility	River @ Mile Marker	#1 Drydock L x W x Capacity (Short Tons)	#2 Drydock L x W x Capacity (Short Tons)	#3 Drydock L x W x Capacity (Short Tons)	#4 Drydock L x W x Capacity (Short Tons)	Floating Cranes	Electric Shop	Prop Shop	Machine Shop	Fabrication Shop	Blasting	Painting	Pipe Shop
Bollinger, Algiers	Mississippi @ 94.7	280 x 65 X 2400T	160 x 70 x 1800T	NA	NA	Yes + (2) 3-ton tower cranes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Intercoastal Marine Repairs, LLC	Mississippi @ 105	212 x 80 x 2500T	200 x 60 x 2000T	100 x 62 x 1200T	120 x 56 x 1100T	Yes (4)	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes
National Maintenance and Repair	Mississippi @ 107	180 x 86 x 3300T	90 x 59 x 900T	NA	NA	Yes (3)	Yes	No	Yes	No	No	No	Yes
New Orleans Shipyard, Inc.	Mississippi @ 111	150 x 56 x 1200T	160 x 47 x 1000T	200 x 46 x 600T	NA	Fleeting Services Only	No	No	No	No	No	No	No
Gnots Reserve, Inc.	Mississippi @ 119	100 x 44 x 650T	NA	NA	NA	Barge Repairs Only	No	No	No	No	No	Yes	No
TT Barge Services	Mississippi @ 237	120 x 70 x 1800T	100 x 45 x 800T	NA	NA	No	No	No	No	No	Local only, no full scale blasting	Local only	No
Mississippi Marine Corporation	Mississippi @ 538.7	226 x 60 x 4000T	242 x 64 x 3600T	218 x 62 x 2500T 218 x 60 x 2000T	120 x 70 x 1800T	Yes (5)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mississippi Limestone Corporation	Mississippi @ 652	162 x 62 x 1800T	NA	NA	NA	None, land cranes only	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes
Assumptions and Explanations													
*Red highlighted drydocks are not capable of hauling the 200' SHT (i.e. less than 160 x 40 x 800T)													
**Bold yards offer acceptable drydocks and all services (except propeller shop services providing they have access to an outside vendor "O/S/ Vendor").													

**MAINTENANCE ON THE RIVER
USCG WLIC/WLR Replacement**

Document #: 11446-9

Revision:	Issue Date	By	Checked	Description
-	13-Apr-12	RJB	GWB	Initial Issuance

River: Upper Mississippi

Name of Facility	River @ Mile Marker	#1 Drydock L x W x Capacity (Short Tons)	#2 Drydock L x W x Capacity (Short Tons)	#3 Drydock L x W x Capacity (Short Tons)	#4 Drydock L x W x Capacity (Short Tons)	Floating Cranes	Electric Shop	Prop Shop	Machine Shop	Fabrication Shop	Blasting	Painting	Pipe Shop
Missouri Drydock & Repair Co. Inc.	Upper Mississippi @ Mile 51.4	180 x 70 x 2200T	180 x 65 x 2000T	NA	NA	Yes (2)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
JB Marine Service, Inc.	Upper Mississippi @ Mile 168	200 x 62 x 2000T	160 x 48 x 1326T	100 x 38 x 900T	NA	Yes (5)	Yes	No	Yes	Yes	Yes	Yes	Yes
National Maintenance & Repair Co.	Upper Mississippi @ Mile 196.8	(2) 200 x 58 x 3500T	140 x 60 x 2500T	160 x 58 x 2200T	210 x 50 x 2000T	Yes (3)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Blackhawk Fleet, Inc	Upper Mississippi @ Mile 470	90 X 52 X 500T	90 X 38 X 500T	NA	NA	Yes (2)	No	O/S vendor	No	Yes	No	No	Yes
Newt Marine Service	Upper Mississippi @ Mile 580	100 x 60 x 800T	60 x 55 x 700T	NA	NA	Yes (2)	No	O/S Vendor	Yes	Yes	Yes	Yes	Yes
Brennan marine, Inc.	Upper Mississippi @ Mile 697	100 x 62 x 1000T	NA	NA	NA	Yes (2)	O/S vendor	O/S Vendor	Yes	Yes	O/S Vendor	O/S Vendor	Yes

Assumptions and Explanations

*Red highlighted drydocks are not capable of hauling the 200' SHT (i.e. less than 160 x 40 x 800T)

**Bold yards offer acceptable drydocks and all services (except propeller shop services providing they have access to an outside vendor "O/S/ Vendor").

MAINTENANCE ON THE RIVER
USCG WLIC/WLR Replacement

Document #: 11446-9

Revision:	Issue Date	By	Checked	Description
-	13-Apr-12	RJB	GWB	Initial Issuance

River: **Monongahela**

Name of Facility	River @ Mile Marker	#1 Drydock L x W x Capacity (Short Tons)	#2 Drydock L x W x Capacity (Short Tons)	#3 Drydock L x W x Capacity (Short Tons)	#4 Drydock L x W x Capacity (Short Tons)	Floating Cranes	Electric Shop	Prop Shop	Machine Shop	Fabrication Shop	Blasting	Painting	Pipe Shop
C&C Marine Maintenance	Monongahela River @ Mile 18.5	Marine Ways only 250ft x 500T	NA	NA	NA	Yes	Yes	O/S Vendor	No	Yes	Yes	Yes	No
Blank Welding	Monongahela River @ Mile 22.2	112 x 70 x 400T	NA	NA	NA	Yes (3)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Campbell Transportation Co.	Monongahela River @ Mile 44.3	185 x 32 x 1200T	140 x 32 x 900T	NA	NA	Yes (5)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Brownsville Marine Service, LLC	Monongahela River @ Mile 58	Marine Ways only 250 x 50	NA	NA	NA	No	No	No	No	Yes	Yes	Yes	Yes

Assumptions and Explanations

*Red highlighted drydocks are not capable of hauling the 200' SHT (i.e. less than 160 x 40 x 800T)

MAINTENANCE ON THE RIVER
USCG WLIC/WLR Replacement

Document #: 11446-9

Revision:	Issue Date	By	Checked	Description
-	13-Apr-12	RJB	GWB	Initial Issuance

River: Ohio

Name of Facility	River @ Mile Marker	#1 Drydock L x W x Capacity (Short Tons)	#2 Drydock L x W x Capacity (Short Tons)	#3 Drydock L x W x Capacity (Short Tons)	#4 Drydock L x W x Capacity (Short Tons)	Floating Cranes	Electric Shop	Prop Shop	Machine Shop	Fabrication Shop	Blasting	Painting	Pipe Shop
River Salvage Company, Inc.	Ohio River @ Mile 7.5	Marine Ways:320 x 54 x 2700T	NA	NA	NA	Yes	No	O/S Vendor	Yes	Yes	Yes	Yes	No
C&C Marine Maintenance Co.	Ohio River @ Mile 39	150 x 90 x 1800T	150 x 60 x 350T	60 x 40 x 100T	NA	Yes	No	No	No	Yes	Yes	Yes	No
Bellaire Harbor Services, LLC	Ohio River @ Mile 93.6	Marine Ways 200 x 60 x 600T	150 x 50 x 1000T	NA	NA	Yes	O/S Vendor	O/S Vendor	O/S Vendor	Yes	Yes	Yes	O/S Vendor
O-KAN Marine Repair, Inc.	Ohio River @ Mile 266	265 x 70 x 1600T	220 x 55 x 1200T	220 x 50 x 1000T	NA	Yes (3)	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes
Superior Marine, Inc.	Ohio River @ Mile 314.9	200 x 70 x 2500T	90 x 45 x 1000T	NA	NA	Yes (3)	Yes	Yes	O/S Vendor	Yes	Yes	Yes	Yes
McGinnis, Inc	Ohio River @ Mile 318	120 x 76 x 2500T	180 x 70 x 2000T	100 x 70 x 1000T	100 x 70 x 1000T	Yes (3)	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes
Marine Builders, Inc	Ohio River @ Mile 596	Marine Ways 150ft wide	NA	NA	NA	Yes	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes
Jeffboat, LLC	Ohio River @ Mile 602	200 x 79 x 2200T	60 x 58 x 400T	NA	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Corn Island Shipyard, Inc.	Ohio River @ Mile 734	Marine Ways 400T	NA	NA	NA	Yes	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes
EMS Owensboro Harbor Service	Ohio River @ Mile 750	60 x 54 x 400T	NA	NA	NA	Yes (5)	O/S Vendor	O/S vendor	O/S Vendor	Yes	No	No	No
Yager Marine Industries	Ohio River @ <ile 752.6	60 x 60 x 250T	NA	NA	NA	Yes (2)	Yes	O/S vendor	O/S Vendor	Yes	Yes	Yes	Yes
Mt Vernon Barge Service	Ohio River @ Mile 829	200 x 54 x 1200T	NA	NA	NA	Yes (2)	No	O/S Vendor	No	Yes	No	No	No
Three Rivers Boat & Barge	Ohio River @ Mile 929.2	200 x 62 x 3000T	160 x 62 x 2200T	NA	NA	Yes (3)	Yes	O/S Vendor	Yes	Yes	O/S Vendor	O/S Vendor	Yes

Assumptions and Explanations

*Red highlighted drydocks are not capable of hauling the 200' SHT (i.e. less than 160 x 40 x 800T)

**Bold yards offer acceptable drydocks and all services (except propeller shop services providing they have access to an outside vendor "O/S/ Vendor").

**MAINTENANCE ON THE RIVER
USCG WLIC/WLR Replacement**

Document #: 11446-9

Revision:	Issue Date	By	Checked	Description
-	13-Apr-12	RJB	GWB	Initial Issuance

River: Tennessee

Name of Facility	River @ Mile Marker	#1 Drydock L x W x Capacity (Short Tons)	#2 Drydock L x W x Capacity (Short Tons)	#3 Drydock L x W x Capacity (Short Tons)	#4 Drydock L x W x Capacity (Short Tons)	Floating Cranes	Electric Shop	Prop Shop	Machine Shop	Fabrication Shop	Blasting	Painting	Pipe Shop
Walker Boat Yard, Inc.	Tennessee River @ Mile 3	180 x 80 x 2500T	140 x 60 x 1200T	160 x 70 x 1800T	235 x 100 x 3400T	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes	Yes
National Maintenance & Repair of Kentucky	Tennessee River @ Mile 4.5	(2) @ 200 x 80 x 3200T	180 x 70 x 2000T	100 x 70 x 1000T	NA	Yes (4)	Yes	Yes	Yes	Yes	No	No	Yes
James Marine, Inc.	Tennessee River @ Mile 5	(2) @ 200 x 80 x 2500T	200 x 77 x 2200T 180 x 80 x 1600T	200 x 70 x 1200T 160 x 80 x 1800T	110 x 75 x 1000T	Yes, several	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Assumptions and Explanations

*Red highlighted drydocks are not capable of hauling the 200' SHT (i.e. less than 160 x 40 x 800T)

**Bold yards offer acceptable drydocks and all services (except propeller shop services providing they have access to an outside vendor "O/S/ Vendor").

**MAINTENANCE ON THE RIVER
USCG WLIC/WLR Replacement**

Document #: 11446-9

Revision:	Issue Date	By	Checked	Description
-	13-Apr-12	RJB	GWB	Initial Issuance

River: Gulf Intracoastal East

Name of Facility	River @ Mile Marker	#1 Drydock L x W x Capacity (Short Tons)	#2 Drydock L x W x Capacity (Short Tons)	#3 Drydock L x W x Capacity (Short Tons)	#4 Drydock L x W x Capacity (Short Tons)	Floating Cranes	Electric Shop	Prop Shop	Machine Shop	Fabrication Shop	Blasting	Painting	Pipe Shop
Colle Towing Co.	Pascagoula River off 105 EHL	No Drydocks	600MT Travel Lift 200' x 40' capacity	NA	NA	Yes, 150T	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes
Halter Moss Point	E. Pascagoula River	300 x 300 x 3000T	NA	NA	NA	Yes, several	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes
Steiner Shipyard, Inc.	Bayou La Batre	Marine Ways	450MT Travel Lift 180' x 43' capacity	NA	NA	None floating, hydraulic land cranes	Yes	O/S Vendor	O/S Vendor	Yes	Yes	Yes	Yes
Master Marine, Inc.	Bayou La Batre	152 x 44 x 700T	200MT Travel Lift 125' x 30' capacity	NA	NA	None floating, hydraulic land cranes	Yes	O/S Vendor	(2) Local Vendors	Yes	Yes	Yes	Yes
C & G Boatworks	Mobile River	88 x 66 x 2000T	300MT Travel Lift 160' x 35' capacity	NA	NA	Yes, 150T	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes
Delta Marine Service	Mobile River	150 x 98 x 2000T	NA	NA	NA	None floating, hydraulic land cranes	Yes	O/S Vendor	O/S Vendor	Yes	Yes	Yes	Yes
Harrison Brothers Drydock and Repair Yard, Inc.	Mobile River	200 x 80 x 2200T	140 x 45 x 700T	NA	NA	Yes (2)	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes
Eastern Shipbuilding Group, Inc.	Panama City, FL	(2) Marine Ways with 1000T	NA	NA	NA	None, land cranes only	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes

Assumptions and Explanations
 *Red highlighted drydocks are not capable of hauling the 200' SHT (i.e. less than 160 x 40 x 800T)
 **Bold yards offer acceptable drydocks and all services (except propeller shop services providing they have access to an outside vendor "O/S/ Vendor").

MAINTENANCE ON THE RIVER

USCG WLIC/WLR Replacement

Document #: 11446-9

Revision:	Issue Date	By	Checked	Description
-	13-Apr-12	RJB	GWB	Initial Issuance

River: **Gulf Intracoastal West**

Name of Facility	River @ Mile Marker	#1 Drydock L x W x Capacity (Short Tons)	#2 Drydock L x W x Capacity (Short Tons)	#3 Drydock L x W x Capacity (Short Tons)	#4 Drydock L x W x Capacity (Short Tons)	Floating Cranes	Electric Shop	Prop Shop	Machine Shop	Fabrication Shop	Blasting	Painting	Pipe Shop
Kody Marine, Inc	Harvey, LA	100 x 64 x 1000T	NA	NA	NA	None, land cranes only	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes
Bollinger Quick Repair, LLC	Harvey Canal @ Mile 0.5	210 x 64 x 3200T 222 x 76 x 2700T	200 x 76 x 2300T 200 x 64 x 1500T	120 x 64 x 900	120 x 64 x 850T	Yes, several	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bollinger, Gretna, LLC	Harvey Canal @ Mile 5	(2) 300 x 56 Graving docks	(1) 1600T Drydock	NA	NA	Yes, several	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AEP River Ops	Harvey Canal @ Mile 5	200 x 85 x 2300T	200 x 60 x 2000T	220 x 65 x 1200T	160 x 45 x 1200T	Yes, several	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes
Superior Shipyard & Fabrication, Inc.	Bayou LaFourche	120 x 60 x 1200T	125 x 30 x 500T	(2) Syncrolifts	300T Travelift x 32'	None, land cranes only	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes
Bollinger Lockport Repair	Lockport, Mile 36	120 x 32 x 400T	130 x 32 x 400T	165 x 38 x 750T	NA	Yes, several	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bollinger LaRose, LLC	LaRose, Mile 36	190 x 90 x 3000T 170 x 64 x 2000T	200 x 84 x 3000T	168 x 54 x 1500T	330 x 82 x 3000T	Yes, several	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bourg Dry Dock & Service	Bourg, LA, Mile 49	235 x 115 x 4000T	180 x 110 x 2200T	120 x 70 x 900T	NA	Yes	Yes	No	No	Yes	Yes	Yes	No
Main Iron Works, LLC	Houma, Mile 56	200 x 90 x 3500T 160 x 70 x 1500T	140 x 52 x 1200T	150 x 50 x 850T	80 x 40 x 300T	Yes	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes
Quality Shipyards, LLC	Houma, Mile 56	(2) 1800T capacity	(1) 3500T capacity	(1) 4200T capacity	NA	Yes, several	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes
Eagle Drydock & Marine Repairs	Houma, Mile 61	90 x 65 x 850T	NA	NA	NA	None, land cranes only	No	O/S Vendor	O/S Vendor	Yes	Yes	Yes	Yes
Bollinger Morgan City, LLC	Atchafalaya River, Mile 88	180 x 80 x 3000T	160 x 65 x 1600T	162 x 60 x 1600T	258 x 82 x 5000T	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Sea Craft Shipyard Corp.	Bayou Boeuf	120 x 70 x 1200T	120 x 60 x 800T	120 x 52 x 1000T	165T Travelift with 30' inside clearance	None, land cranes only	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes
Conrad Deepwater	Bayou Bouef	280x160x10,000T	200 x 95 x 3000T	(2) 200x70x2400T	120 x 52 x 900T	Yes, several	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bollinger Amelia Repair, LLC	ICW Mile 88.5	342 x 110 x 8100T	184 x 68 x 2100T	100 x 40 x 750T	NA	Yes, several	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hudson Drydocks, Inc.	ICW Mile 92	220 x 92 x 3500T	180 x 62 x 2000T	130 x 45 x 800T	NA	None, land cranes only	Yes	Yes	Yes	Yes	Yes	Yes	Yes

A & B Industries	ICW Mile 92.5	150 x 60 x 1500T	100 x 75 x 1200T	75 x 75 x 800T	NA	None, land cranes only	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes	Yes
Conrad Shipyard, LLC	ICW Mile 95	120 x 52 x 900T	NA	NA	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Intracoastal City Drydock & Shipbuilding, Inc.	On Vermillion River, 7 miles north of ICW at Mile 159.1	155 x 110 x 1500T	160 x 60 x 1200T	160 x 55 x 850T	NA	None, land cranes only	O/S Vendor	O/S Vendor	Yes	Yes	Yes	Yes	Yes	No
Leevac Industries, LLC	On Mermentau River, 32 miles north of ICW at Mile 102	200 x 64 x 2000T	NA	NA	NA	Yes	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes	Yes
Bollinger Calcasieu, LLC	ICW Mile 241	208 x 62 x 2000T	160 x 80 x 1800T	NA	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Orange Shipbuilding Co, Inc.	Sabine River 1.5 miles North of ICW at Mile 265	800T Railway with side transfer system	NA	NA	NA	Yes	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes	Yes
Bludworth Marine, LLC	ICW @ Mile 267	200 x 85 x 3000T	NA	NA	NA	Yes	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes	Yes
Burton Shipyard, Inc.	Cow Bayou off ICW at Mile 265	(2) 160 x 60 x 1200T	NA	NA	NA	None, land cranes only	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Port Neches Towing, Inc.	ICW @ Mile 275.5	120 x 56 x 1000T	NA	NA	NA	Yes	Yes	O/S Vendor	Yes	Yes	Check	Check	Check	Check
Sterling Shipyard	ICW @ Mile 276	160 x 65 x 1350T	100 x 65 x 900T	NA	NA	Yes	Yes	O/S Vendor	O/S Vendor	Yes	Yes	Yes	Yes	Yes
Tubal-Cain Marine Services	ICW @ Mile 278	220 x 70 x 2500T	170 x 60 x 1200T	NA	NA	O/S Vendor	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes	Yes
Bludworth Marine, & Repair	ICW @ Mile 355	200 x 85 x 3500T	325 x 95 Graving Dock	NA	NA	Yes, several	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes	Yes
Glendale Boatworks	San Jacinto River Channelview, TX	600T Drydock	400T Travelift	NA	NA	None, land cranes only	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes	Yes
Sneed Shipbuilding, Inc.	Old River Cut, Channelview, TX	200 x 70 x 2000T	100 x 70 x 1300T	100 x 54 x 900T	160 x 64 x 1600T	None, land cranes only	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes	Yes
Bollinger, Texas City	Texas City Industrial Canal	318 x 116 x 9000T	192 x 58 x 1790T	199 x 75.5 x 4000T	NA	18T Capacity, 170' Ht with a 243' Radius	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Breathwit Marine S/Y	Houston Ship Channel	350T Travelift, 45' inside clearance	NA	NA	NA	None, land cranes only	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes	Yes
BludworthMarine, LLC	Orange, TX	200 x 75 x 3000T	100 x 50 x 800T	NA	NA	Yes	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes	Yes
Southwest Shipyard	Brady Island, Houston, TX	180 x 76 x 2000T	180 x 76 x 2000T	110 x 55 x 800T	NA	Yes	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes	Yes
Mile 533 Marine Ways	ICW Mile 533	250T Marine Ways	150T Travelift, 32'inside clearance	NA	NA	No	O/S Vendor	O/S Vendor	O/S Vendor	Yes	Yes	Yes	Yes	Yes
John Bludworth Shipyard, LLC	ICW Mile 550	240 x 94 x 4000T	NA	NA	NA	Yes	Yes	O/S Vendor	Yes	Yes	Yes	Yes	Yes	Yes

Assumptions and Explanations

*Red highlighted drydocks are not capable of hauling the 200' SHT (i.e. less than 160 x 40 x 800T)

**Bold yards offer acceptable drydocks and all services (except propeller shop services providing they have access to an outside vendor "O/S/ Vendor").

**MAINTENANCE ON THE RIVER
USCG WLIC/WLR Replacement**

Document #: 11446-9

Revision:	Issue Date	By	Checked	Description
-	13-Apr-12	RJB	GWB	Initial Issuance

River: Illinois Waterway

Name of Facility	River @ Mile Marker	#1 Drydock L x W x Capacity (Short Tons)	#2 Drydock L x W x Capacity (Short Tons)	#3 Drydock L x W x Capacity (Short Tons)	#4 Drydock L x W x Capacity (Short Tons)	Floating Cranes	Electric Shop	Prop Shop	Machine Shop	Fabrication Shop	Blasting	Painting	Pipe Shop
Hanson Marine Service	Mile 295	112 x 59 x 1000T	NA	NA	NA	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Chicago Drydock	Mile 329	135 x 53 x 1500T	110x 40 x 800T	NA	NA	None, land cranes only	O/S Vendor	O/S Vendor	O/S Vendor	Yes	Yes	Yes	O/S Vendor

Assumptions and Explanations

*Red highlighted drydocks are not capable of hauling the 200' SHT (i.e. less than 160 x 40 x 800T)

MAINTENANCE ON THE RIVER
USCG WLIC/WLR Replacement

Document #: 11446-9

Revision:	Issue Date	By	Checked	Description
-	13-Apr-12	RJB	GWB	Initial Issuance

River: Kanawha

Name of Facility	River @ Mile Marker	#1 Drydock L x W x Capacity (Short Tons)	#2 Drydock L x W x Capacity (Short Tons)	#3 Drydock L x W x Capacity (Short Tons)	#4 Drydock L x W x Capacity (Short Tons)	Floating Cranes	Electric Shop	Prop Shop	Machine Shop	Fabrication Shop	Blasting	Painting	Pipe Shop
Amherst Industries	Mile 1 @ Henderson, WV	1200T x 67'	NA	NA	NA	None, land cranes only	O/S Vendor	O/S Vendor	Yes	Yes	Yes	Yes	Yes

Assumptions and Explanations

*Red highlighted drydocks are not capable of hauling the 200' SHT (i.e. less than 160 x 40 x 800T)