

## PROVIDE TEMPORARY LOGISTICS

### 1. SCOPE

1.1 Scope. This standard specification describes the requirements for the Contractor to provide temporary logistics to Coast Guard vessels.

### 2. APPLICABLE DOCUMENTS

International Code Council, International Building Code, 2000

International Code Council, International Fire Code, 2000

National Fire Protection Association (NFPA), 70, National Electrical Code (NEC), 1999 Edition

### 3. REQUIREMENTS

3.1 General. The Contractor shall provide temporary logistics for the vessel, for the duration of the Contract performance period at the Contractor's facility or the vessel's home pier as applicable. The applicable paragraphs of subsection 3.2 (Logistics) are listed in the specification work item.

3.1.1 Schedule of connection. Ensure that all temporary logistics are connected, operational, and ready for use within five hours of the vessel's arrival at the Contractor's facility. Make connections at the locations specified by the Coast Guard Inspector.

3.1.2 Service disruption. Notify the Coast Guard Inspector 24 hours before scheduled disruptions of the temporary logistics. The Contractor may disconnect required temporary logistics only when shifting the vessel, or securing an associated system for authorized work. If a provided service is unexpectedly disrupted, notify the COR of the disruption and provide an estimated time until restored.

3.1.3 Service restoration. Ensure that whenever a vessel is moved, all disrupted services are restored within one hour after movement.

3.2 Logistics. The Contractor shall provide the following temporary logistics as specified in the work item:

3.2.1 Office space. Provide an office space for use by vessel personnel, located on the Contractor's facility and within a five minute walk from the vessel. The office space shall:

- Meet or exceed the requirements specified in ICC 2000 International Building Code and 2000 International Fire Code.
- Have adequate overhead lighting and electrical convenience receptacles. Quantity and placement of the receptacle outlets shall be in accordance with NFPA 70, the National Electrical Code (NEC).
- Be equipped with at least three desks, three chairs, and telephone capability.
- Have heating, filtered ventilation, and air conditioning to maintain temperatures in the 65 to 75 degree Fahrenheit range.
- Have an entry door with installed locks and at least two keys provided to the Coast Guard Inspector.
- Have a copy machine and facsimile (fax) machine in good, working order, for use by vessel personnel, for up to 2,000 8½" x 11" copies.

3.2.2 Telephone. Provide the number of independent and private telephone lines specified in Table I, connected to Contractor-furnished telephones, at the locations designated by the Coast Guard Inspector. A minimum of one provided line shall have an extension aboard the vessel, to allow the Watchstander immediate phone access.

3.2.2.1 Direct dial. The lines may be routed through the Contractor's switchboard, with direct dial calls that can be made to and from the office and vessel extensions 24 hours per day. If approved by the COR, the Contractor may tie the telephone lines into the ship's telephone system.

**TABLE I. PRIVATE TELEPHONE LINES.**

VESSEL		TELEPHONE PRIVATE LINES*
LENGTH (feet)	TYPE	
65	WLI	4
	WLR	4
	WYTL	3
75	WLIC	4
	WLR	4
87	WPB	4
100	WLI	4
	WLIC	4
110	WPB	4
120	BARGE	2
133	WLM	4
140	WTGB	4
160	WLIC	4
175	WLM	4
180	WLB	4
210	WMEC	5
225	WLB	5
270	WMEC	5
290	WAGB	5
295	WIX	5
378	WHEC	5
<p>* <b>NOTE:</b> One line shall be capable of Facsimile trans-mission and one shall be capable of Computer &amp; Internet usage.</p>		

3.2.2.2 Long distance calls. Long distance calls shall be billed to the vessel.

3.2.3 Parking. Provide parking spaces for the ship's crew as specified in Table II. The spaces listed in column (A) shall be as close as reasonably possible to the vessel, but not to exceed a five minute walk from the vessel and office space (if provided) and within the Contractor's facility. The spaces listed in column (B) shall be within a 10 minute walk of the vessel.

**TABLE II. PARKING SPACES**

VESSEL		PARKING SPACES	
LENGTH (feet)	TYPE	A	B
65	WLI	3	4
	WLR	3	10
	WYTL	3	3
75	WLIC	3	10
	WLR	3	10
87	WPB	3	8
100	WLI	3	10
	WLIC	3	10
110	WPB	3	8
133	WLM	3	10
140	WTGB	3	6
160	WLIC	3	10
175	WLM	3	10
180	WLB	3	15
210	WMEC	5	40
225	WLB	3	20
270	WMEC	5	40
290	WAGB	5	30
295	WIX	5	10
378	WHEC	6	50

3.2.4 Duty section berthing. Provide temporary berthing for duty section personnel in the form of an enclosed, permanent or semi-permanent berthing facility. Locate as close as reasonably possible to the vessel and the toilet and shower facilities, but no further than a three minute walk to either. The duty section berthing facility shall:

- Meet or exceed the requirements specified in ICC, 2000 International Building Code and 2000 International Fire Code.
- Have two separate berthing spaces, one for male personnel and one for female personnel, for the numbers specified in the work item.
- A twin-size bed, for each occupant, equipped with an individual locker that can be padlocked. Bunk beds are acceptable, with an individual locker that can be padlocked for each bed.
- Have adequate overhead lighting and electrical power provided, with a minimum of one 20-ampere, 125 Volt, Grounding-type receptacle outlet, in accordance with NFPA 70, the National Electrical Code (NEC).

- Be equipped with filtered HVAC, to maintain temperatures in the 65 to 75 degree Fahrenheit range; include local climate control for the occupants.
- Have a lock with at least two keys, installed in each berthing area entrance; keys shall be provided to the Coast Guard Inspector.
- Have an installed, audible and visual alarm in the berthing facility, that can be actuated from the vessel's quarterdeck in the event of a shipboard emergency.
- Be cleaned, serviced, and have trash removed, on a daily basis.

3.2.5 Light and power. Provide flexible cable, necessary terminal connection, and 60 cycle, 3 phase electrical power to the vessel's shore power connection box in accordance with NFPA 70, the National Electrical Code (NEC). The Voltage and Current capacities shall be as specified in Table III.

**TABLE III. ELECTRICAL CAPACITIES.**

VESSEL		Voltage (AC Volts)	Current (Amps)
LENGTH (feet)	TYPE		
65	WLI*	208	60
	WLR	230	150
	WYTL	440	60
68	Barge	440	100
70	Barge	220	100
75	WLIC	440	150
	WLR	230	150
84	Barge	220	100
87	CPB	440	100
90	Barge	230	100
99	Barge	230	100
100	WLI	230	150
	WLIC	440	250
110	WPB	440	200
120	Barge*	440	200
130	Barge	230	100
140	WTGB	450	200
160	WLIC	440	200
175	WLM	440	450
180	WLB**	400/208	200-400
210	WMEC***	440	400

225	WLB	440	2 x 400
270	WMEC***	440	2 x 400
290	WAGB	440	400
295	WIX	440	300
378	WHEC***	440	2 x 400
<p>*Four-wire connection.          **Match existing onboard installed configuration rating.          ***Two each 400 amp outlets on the same electrical bus with Navy Standard Plug.</p>			

3.2.6 Compressed air. Provide dry, compressed air as follows:

3.2.6.1 Vessels with compressed air system. Connect the compressed air supply to the vessel's existing compressed air system, at their normal operating pressure (psig) and volume (cfm).

3.2.6.2 Vessels without compressed air system. Do the following:

3.2.6.2.1 Furnish all equipment and materials necessary to provide compressed air to a distribution manifold. The manifold shall be fitted with an inlet connection, two air hose outlet connections fitted with stop valves, and a relief valve connection, set to relieve air pressures at 125% above normal operating pressure. Secure the manifold at a location specified by the Coast Guard Inspector. Provide slack in the air supply hose to the manifold to allow for manifold relocation.

3.2.6.2.2 Provide two 100-foot air supply hoses for the ship's force use. Ensure adequate capacity to supply 100 psig air to both outlets at 50 cfm each.

3.2.7 Hazardous waste disposal. In accordance with all Federal, state, and local environmental, health and safety regulations, the Contractor shall accept and properly dispose of the amounts of hazardous materials from the vessel specified in the work item. The Contractor shall do the following:

3.2.7.1 Use suitable flow (volumetric) measuring equipment to record the amount of liquids removed.

3.2.7.2 Submit documents to the Coast Guard Inspector for the removed and disposed of quantities of hazardous wastes to certify compliance with all Federal, state, and local regulations.

3.2.8 Heavy lift equipment. Provide heavy lift equipment services for use by the COR upon request, in minimum 15-minute

increments, with at least four working hours notice, in the form of a crane or a forklift, with operator and riggers. Crane and associated weight handling gear and equipment, shall have a minimum two-ton lift capacity and an outreach sufficient to reach an offload point on the forecastle, fantail, or flight deck, as applicable.

3.2.9 Hot-circulating water. Provide a shoreside hot-circulating water system to cross-connect into the vessel's hot-circulating water system. The system shall be capable of maintaining the vessel's heated spaces at an ambient temperature of at least 65 degrees Fahrenheit. Ensure that the vessel's hot-circulating water system is not over-pressurized and that all the vessel's hot water circulating pumps are isolated.

3.2.10 Potable water. Provide fresh, potable water, utilizing the vessel's potable water fill connection, in accordance with the U. S. Public Health Service (USPHS) regulations concerning the use of check valves or other automatic closure devices to prevent contamination of the fresh water source and all other applicable Federal, State, and local ordinances.

3.2.11 Refuse disposal. Furnish a dumpster on the pier, near the gangway, for the Ship's force use. The dumpster shall be emptied at least once each week and maintained in accordance with all applicable Federal, state, and local laws and regulations concerning garbage and refuse disposal.

3.2.12 Sewage and grey water disposal. Dispose of sewage and grey water as specified in Table IV, from the vessel's shipboard retention tank. Disposal shall be by dockside connection or tank truck, in accordance with all applicable Federal, state, and local codes. Tank trucks shall remove the effluent during normal working hours and within three hours of notification from the Coast Guard Inspector.

3.2.12.1 Hoses. Provide all necessary discharge hoses to connect the vessel's four-inch female camlock fitting to the dockside connection or truck.

3.2.12.2 Pump. The Contractor may use the vessel's installed sewage pump to pump out the retention tank.

**TABLE IV. SEWAGE & GREY WATER DISPOSAL.**

VESSEL		SEWAGE DISPOSAL	
LENGTH (feet)	TYPE	gallons/day	
		Alone	+Grey*
65	WLI	200	300

	WLR	200	300
	WYTL	200	500
75	WLIC	200	350
	WLR	200	300
87	WPB	0	400
100	WLI	250	500
	WLIC	250	500
110	WPB	100	500
120	BARGE	300	500
133	WLM	300	1,000
140	WTGB	300	850
160	WLIC	250	400
175	WLM	300	800
180	WLB	300	1,000
210	WMEC	600	3,000
225	WLB	1,000	4,000
270	WMEC	0	4,000
290	WAGB	0	4,000
295	WIX	2,000	5,000
378	WHEC	5,000	10,000
*Sewage and Grey Water are combined.			

3.2.13 Steam. Supply saturated steam, via a Contractor-furnished hose, to the vessel's shore tie connection, as applicable in accordance with Table V.

**TABLE V. STEAM PROVISIONS.**

VESSEL		STEAM HEATING	
LENGTH (feet)	TYPE	Boiler Output	
		lbs./hr.	psig
140	WTGB	620	35
210	WMEC	700	30
225	WLB	2,000	25-30
290	WAGB	2,240	50
378	WHEC	3,700	100

3.2.13.1 Valves. Install a reducing valve and a safety valve in the supply line to protect the vessel's system.

3.2.13.2 Trap. Provide a steam trap near the shore tie connection on the vessel.

3.2.13.3 Gauge. Install a steam gauge in the line at a point where the steam enters the vessel's system.

3.2.13.4 Condensate. Collect and recycle or dispose of the condensate. Furnish all necessary hoses and fittings.

3.2.14 Storage. Provide the storage facilities specified in the work item meeting the following requirements while the vessel is at the Contractor's facility:

3.2.14.1 Location. Locate the storage facilities as close as practicable but no further than a ten minute walk from the vessel's berth. The facilities shall be accessible 24 hours a day, seven days a week.

3.2.14.2 Shelving. Equip the facilities with shelves which shall be at least two feet deep along all exterior walls, constructed to accommodate loads of at least 100 pounds per square foot, and from the floor to at least six feet high above the deck with shelf spacing approximately 24 inches.

3.2.14.3 Storage security. Ensure the facility is weathertight and capable of being secured with a lock provided by the vessel.

3.2.14.4 Lighting. Provide adequate lighting inside the facility and outside the facility's entrance, energized during all hours of darkness.

3.2.14.5 Facilities. Provide the following facilities indicated in Table VI as specified in the work item. Each facility shall be fitted with an access which will permit the entry of a small forklift transporting a four-foot by four-foot loaded pallet.

**Table VI. STORAGE FACILITIES.**

FACILITY	SIZE (ft <sup>3</sup> )	PURPOSE and/or CRITERIA
DRY STORES	2500	For ship's force to store nonflammable liquids and nonperishable items.
PAINT AND FLAMMABLE STORES	1000	For ship's force to store paints and other flammables; meet all Federal state, and local codes for flammable storerooms.
REFRIGERATED STORES	250	Frozen foods: Contain an evaporator equipped with a defrost cycle and capable of maintaining a constant regulated temperature of -5°F, ± 5°F.
	450	Refrigerated foods: Capable of maintaining a constant temperature of 37°F, ± 5°F

#### 4. QUALITY ASSURANCE

No additional requirements.

## 5. NOTES

5.1 Ship's force responsibilities. The ship's force will provide a Coast Guard Inspector to monitor the installation and maintenance of the temporary logistics. The Coast Guard Inspector will:

- Maintain a log detailing installations, irregularities, and disruptions experienced with temporary logistics.
- Assist the Contractor in identifying locations aboard the vessel, and barge if applicable, where the Contractor may tie into the ship's systems.
- Maintain a Crane Service Log to include date used, purpose, start and stop times, number of lifts performed, and the name of the operator.