

2020 Manned Model Ship Handling Request for Information

1. OBJECTIVE OF THIS REQUEST FOR INFORMATION (RFI)

The purpose of this RFI is for the Board of Pilot Commissioners for the Bays of San Francisco, San Pablo, and Suisun (BOPC) to:

- A. Inform interested parties that the BOPC will be seeking to contract with a manned model shiphandling training facility (Training Provider) for training and related services later this year. The BOPC's current contract for manned model shiphandling training services expires June 30, 2021, and it is the intent of the BOPC to enter into a new multi-year training services contract effective no sooner than July 1, 2021, for training projected to be provided in the Fall of 2021.
- B. Obtain information from Training Providers about facilities, curriculum and teaching staff that may be utilized in the formulation of a Request for Proposal (RFP) contract procurement document.
- C. Assess the interest of Training Providers in submitting a proposal pursuant to an RFP at a later date to offer training that will serve the BOPC's needs. Upon the issuance of an RFP, Training Providers may submit a proposal to be considered in the selection process for a contract with a new Training Provider. Training Providers are NOT required to submit a response to this RFI in order to participate in the RFP.

As a potential contractor, your input is valuable to the BOPC, and will provide the BOPC with assistance with the development of the RFP and contract scope of work and other technical requirements. The BOPC cannot guarantee that any future business will result from the information provided, nor shall it pay for the information provided.

3. GENERAL MANNED MODEL SHIPHANDLING TRAINING CURRICULUM

A partial listing of BOPC historical manned model shiphandling training requirements that would be required of a Training Provider includes:

- 1. Study of turning in deep and shallow water.
- 2. Study of the role of the pivot point in ship maneuvers.
- 3. Docking/undocking without tugs.
- 4. Maneuvering an Azipod equipped vessel.
- 5. Approach with stern current, turn into current and dock stemming current using anchors and without anchors.

6. Precision anchoring without tugs or thrusters.
7. Maneuvering in and out of a turning basin with current.
8. Transit with current abeam and turning in a basin without current.
9. Maneuvering into deep water channel.
10. Emergency maneuvers, including emergency maneuvers with escort tugs.
11. Entering and proceeding through channels and docking.
12. Meeting and overtaking in a narrow channel.
13. Entering a narrow channel with a ULCV affected by quartering swell.

The above training curriculum listing is not exhaustive, and is meant to provide an interested Training Provider with a sample of expected topics to be covered during training. The actual required training curriculum will be determined at a later date, and will ultimately be reflected in the RFP and sample contract.

Training Providers are requested to complete and return the survey below. Please respond to all questions.

Please indicate “YES” or “NO” by checking the boxes on YES/NO questions, and respond with specified details on all other questions. The space for each answer will expand to display the entire answer. Additional sheets of paper may be used if needed. If using additional sheets of paper, reference the question number for each additional page.

SURVEY CONTACT INFORMATION	
Name of Facility:	
Address of Facility:	
Name of Person Completing this Survey:	
Telephone Number:	
Fax Number:	
E-Mail Address:	

	Question	Response
	LAKE/FACILITY	
1	Is the lake bottom contoured and scaled consistent with models?	<input type="checkbox"/> YES <input type="checkbox"/> NO
2	Is the water level in the lake maintained at constant level while the lake is open for training?	<input type="checkbox"/> YES <input type="checkbox"/> NO
3	Provide the facility's target or acceptable variation in lake water level.	
4	What is the size of the lake area available for training (sq. meters)?	
5	How many manned models can perform exercises simultaneously without interference?	
6	Does the facility have the ability to simulate current to scale, variable in velocity and direction?	<input type="checkbox"/> YES <input type="checkbox"/> NO
7	Does the facility have the ability to simulate wind to scale?	<input type="checkbox"/> YES <input type="checkbox"/> NO
8	Does the facility have the ability to simulate wave action to scale?	<input type="checkbox"/> YES <input type="checkbox"/> NO
9	Does the facility have a bridge(s) across narrow channels (ditch/Suez canal type)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
10	What is the number of narrow channels (ditch/Suez canal type) at the facility with straight and curved sections, and length in scale miles?	

		Response			
11	What is the size of the facility's shallow water maneuvering area (% of total area of lake), and the facility's operating under keel clearance in those areas-expressed as % of draft?				
12	Does the facility have a Global Positioning System (GPS) tracking system on models with the ability to review track in a classroom setting?	<input type="checkbox"/> YES <input type="checkbox"/> NO			
13	Does the facility have the capability to repair or replace course essential equipment on site and maintain course curriculum?	<input type="checkbox"/> YES <input type="checkbox"/> NO			
14	List the number of dedicated repair/technical staff on site.				
15	List the current certifications for the facility (e.g., Det Norske Veritas, United States Coast Guard, etc.).				
MODELS					
16	List the following for <u>each</u> ship model (attach additional pages, if necessary):				
	• ship model type (if some models have multiple configurations please note)	<u>Model 1</u>	<u>Model 2</u>	<u>Model 3</u>	<u>Model 4</u>
	• scale				
	• type of propulsion				
	• rudder configurations				
	• two-man operation capability	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO
	• bow/stern thrusters	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO
	• anchors to scale, controllable from conning position	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO

Question		Response			
	<ul style="list-style-type: none"> capability to be ballasted/de-ballasted to simulate loaded or light conditions 	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO
	<ul style="list-style-type: none"> availability of an Azipod ship model suitable for cruise ship simulation) 	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO
	<ul style="list-style-type: none"> availability of a ultra large container vessel (ULCV) model If yes, provide twenty-foot equivalent unit (TEU) or length/beam 	<input type="checkbox"/> YES—TEU or Length/Beam <input type="checkbox"/> NO	<input type="checkbox"/> YES—TEU or Length/Beam <input type="checkbox"/> NO	<input type="checkbox"/> YES—TEU or Length/Beam <input type="checkbox"/> NO	<input type="checkbox"/> YES—TEU or Length/Beam <input type="checkbox"/> NO
17	List the following for <u>each</u> tug model available for training (attach additional pages, if necessary)::				
		<u>Model 1</u>	<u>Model 2</u>	<u>Model 3</u>	<u>Model 4</u>
	<ul style="list-style-type: none"> model type (e.g., Azimuthing Stern Drive; Voith Schneider, etc.) 				
	<ul style="list-style-type: none"> model scale 				
	<ul style="list-style-type: none"> radio controlled (Yes/No) 	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO
CURRICULUM					
18	Provide the instructor/student ratio for a 6 student class.				
19	Provide the instructor/student ratio for an 8 student class.				
20	Provide the number of instructors who are current/former pilots who will be available to provide training, and each instructor's years of experience as a pilot.				
21	Can the training include meeting/passing/overtaking in narrow, shallow channels (ditch/Suez canal type)?	<input type="checkbox"/> YES <input type="checkbox"/> NO			

	Question	Response
22	Can the training include a ULCV encountering a quartering swell while entering a narrow channel such as a bar channel?	<input type="checkbox"/> YES <input type="checkbox"/> NO
23	Can the lake and training course be customized to San Francisco Bay specific locations (terminals, channels, basins, etc.)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
24	Can the curriculum offer docking/undocking exercises with current from ahead, astern or abeam?	<input type="checkbox"/> YES <input type="checkbox"/> NO
25	Does the curriculum offer emergency ship handling with anchors?	<input type="checkbox"/> YES <input type="checkbox"/> NO
26	Does the curriculum offer emergency ship handling with tug(s)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
27	Does the curriculum offer working with anchors (docking, and undocking)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
28	Does the curriculum offer working with tugs (docking, undocking and in tethered/escort mode)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
29	Upon completion of a training course, will the BOPC receive a written evaluation of each trainee's performance covering the following areas?	
	• Maneuvering	<input type="checkbox"/> YES <input type="checkbox"/> NO
	• Learning Efficiency	<input type="checkbox"/> YES <input type="checkbox"/> NO
	• Situational Awareness	<input type="checkbox"/> YES <input type="checkbox"/> NO
	• Safety Awareness	<input type="checkbox"/> YES <input type="checkbox"/> NO
	• Qualitative Remarks	<input type="checkbox"/> YES <input type="checkbox"/> NO
TRAVEL REQUIREMENTS		
30	Identify the airport(s) near your facility where air travel from San Francisco could likely terminate.	
31	Provide the ground travel time required from the airport to point of lodging for training.	

	Question	Response
32	Provide the total ground travel time required each day between lodging and the training facility (round trip).	
33	Can lodging, meals and transportation costs (to/from airport and to/from lodging to training) be included with the training fee quote?	<input type="checkbox"/> YES <input type="checkbox"/> NO. Explain:
34	Is the facility located outside of the United States? If yes, other than a valid passport, identify any travel documents you are aware of which are required by your country for entry of a US citizen (e.g., tourist Visa, etc.).	<input type="checkbox"/> YES, Travel Documents Required: <input type="checkbox"/> NO
TRAINING CAPACITY		
35	Does the facility have available capacity to provide training for up to 18 pilots over two to three sessions starting in Fall of 2020?	<input type="checkbox"/> YES <input type="checkbox"/> NO
36	If yes, what months could the training take place?	
37	What is the maximum number of years, up to 5 years, the facility is willing to provide a firm quote in a Request for Proposal to provide the requested training?	
38	The BOPC expects to pay for each course participant upon the completion of training and the issuance of a written evaluation of the pilot's training performance. Is the facility willing to enter into a multi-year contract with the BOPC to be paid in U. S. dollars not adjusted for currency fluctuations during the entire term of a contract?	<input type="checkbox"/> YES <input type="checkbox"/> NO. If NO, provide an explanation of how to meet the currency fluctuation over the term of a multi-year contract.

	Question	Response
39	<p>If awarded a contract for the requested training services, could the facility provide an insurance certificate with the BOPC designated as the additional insured and certificate holder evidencing the following insurances (in U.S. Dollars) with no deductible greater than \$1,000.00 for the following types of insurances:</p>	
	<ul style="list-style-type: none"> • Commercial general liability insurance with a limit not lower than-- <ul style="list-style-type: none"> ○ \$1,000,000 per occurrence ○ 2,000,000 aggregate 	<input type="checkbox"/> YES <input type="checkbox"/> NO. If NO, please explain what types and amounts of insurance can be provided, and deductible amounts.
	<ul style="list-style-type: none"> • Workers' compensation and employers' liability limits of \$1,000,000 	<input type="checkbox"/> YES <input type="checkbox"/> NO. If NO, please explain what types and amounts of insurance can be provided, and deductible amounts.
	<ul style="list-style-type: none"> • Automobile Coverage 	<input type="checkbox"/> YES <input type="checkbox"/> NO. If NO, please explain what types and amounts of insurance can be provided, and deductible amounts.
	<ul style="list-style-type: none"> • Watercraft Liability 	<input type="checkbox"/> YES <input type="checkbox"/> NO. If NO, please explain what types and amounts of insurance can be provided, and deductible amounts.
40	<p>Would the facility be able to meet the requirements and sign a form containing the "IRAN CONTRACTING ACT" provisions (see ATTACHMENT 3)?</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO. If no, explain:
41	<p>Is the facility a SCRUTINIZED company as defined in the Darfur Contracting Act (see ATTACHMENT 4)?</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO.

42	<p>Training Provider's Intention Regarding a Future Request for Proposal to Contract for Manned Model Shiphandling Training:</p> <p><input type="checkbox"/> Training Provider DOES NOT intend to submit a proposal to a subsequent Request for Proposal for manned model shiphandling training services (please list reasons or concerns in Section 45 below).</p> <p><input type="checkbox"/> Training Provider IS interested in providing manned model shiphandling training and intends to submit a proposal for consideration in response to a subsequent Request for Proposal for training services (please list any concerns or comments in Section 45 below).</p> <p>Please send the RFP once issued to:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr><td style="padding: 2px;">Name:</td></tr> <tr><td style="padding: 2px;">Title:</td></tr> <tr><td style="padding: 2px;">Mailing Address:</td></tr> <tr><td style="padding: 2px;">Telephone #:</td></tr> <tr><td style="padding: 2px;">E-mail Address:</td></tr> <tr><td style="padding: 2px;">Fax Number:</td></tr> </table>	Name:	Title:	Mailing Address:	Telephone #:	E-mail Address:	Fax Number:
Name:							
Title:							
Mailing Address:							
Telephone #:							
E-mail Address:							
Fax Number:							
43	<p>Training Provider Comments: <i>(Please provide any additional comments, issues or concerns about this RFI, or other comments you believe would be helpful to the BOPC in understanding the facility or the preparation of an RFP.)</i></p>						

CERTIFICATION:

I certify that I am an authorized representative of the facility listed above, and that the responses provided are true and accurate to the best of my ability.

Signature Printed Name Title Date