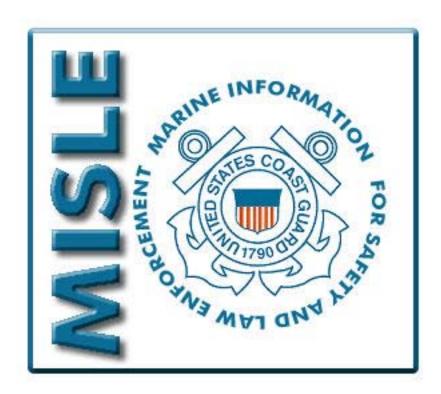
Uninspected Towing Vessel MISLE User Guide

Version 07.2-2010



Objective:

This guide prescribes the administrative requirements and responsibilities to ensure consistent MISLE data entry for Towing Vessel Examinations and/or for imposing an Operational Control.

Responsibilities:

This instruction applies to all USCG personnel entering data into or using MISLE for towing vessel examinations and/or imposing an operational control.

It is the unit's responsibility to ensure oversight for data accuracy. Every unit shall ensure that UTV Activities are reviewed for data accuracy and compliance with this guide. This review must be conducted by a person other than the one who made the data entry and shall be carried out prior to closing the Activity.

Background:

Marine Information for Safety and Law Enforcement (MISLE) is used by all field units, Districts, Areas and Headquarter offices as the primary data capture and information management tool for planning, scheduling, executing, monitoring and tracking all activities associated with towing vessels. It also serves as the primary system for sharing information to the Coast Guard Command Center for daily Commandant Briefings, which are expected to portray an accurate nationwide snapshot of all key prevention activities. It is imperative that all MISLE data entries are entered in a timely, accurate, and consistent manner to prevent an erroneous common operational picture for the Commandant and other levels of the Coast Guard.

Data collected and entered by you will make major differences as we move the UTV fleet to inspected vessels.

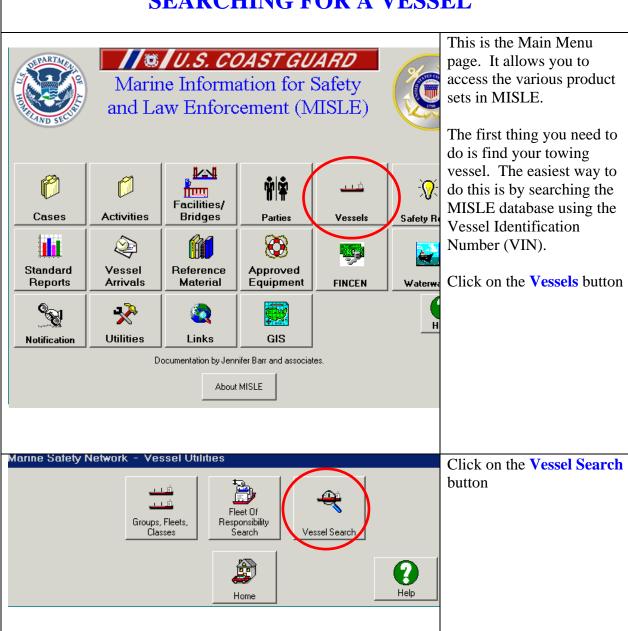
PROGRESSION OF PAPERWORK FOR A TOWING VESSEL EXAM

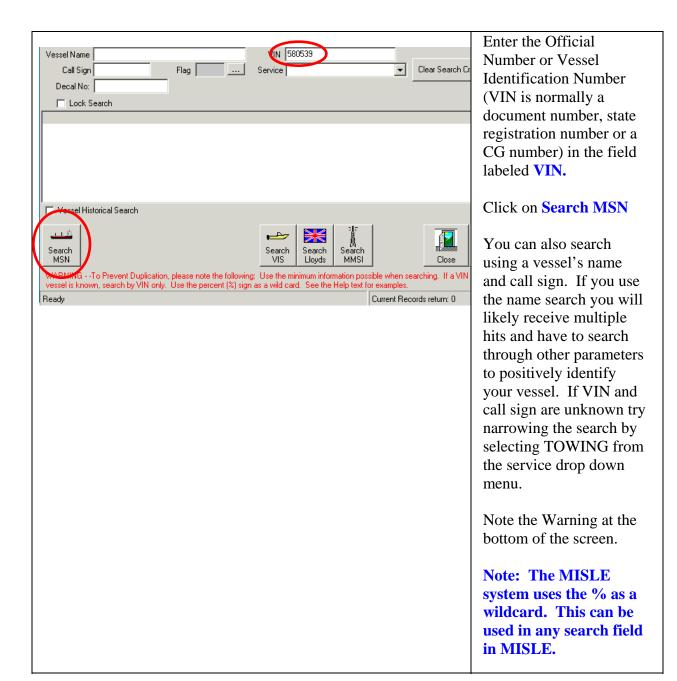
- 1. Prior to going on the examination the examiner should search MISLE and review the vessel history including the critical profile of the towing vessel being examined. This gives the examiner a chance to review past CG presence or interaction with the vessel. The examiner will also be able to see what information is missing in MISLE about the vessel and capture that information during the exam.
- 2. Take time and fill out the UTV Exam Form using all information available in MISLE. This will help to identify product sets missing in MISLE that you can capture during the exam and correct upon your return.
- 3. When you have completed the exam you should make every effort to enter the case within 72 hours of departing the vessel.
- **4.** Once you have completed the Activity in MISLE the case shall be forwarded to your designated reviewing official for approval. This is a good practice and adds that layer of oversight review to ensure data integrity.
- 5. Chiefs of Prevention at each Sector shall identify a person in a supervisory position to ensure the accuracy and completeness of each Activity.
- 6. Finally the activity is closed.

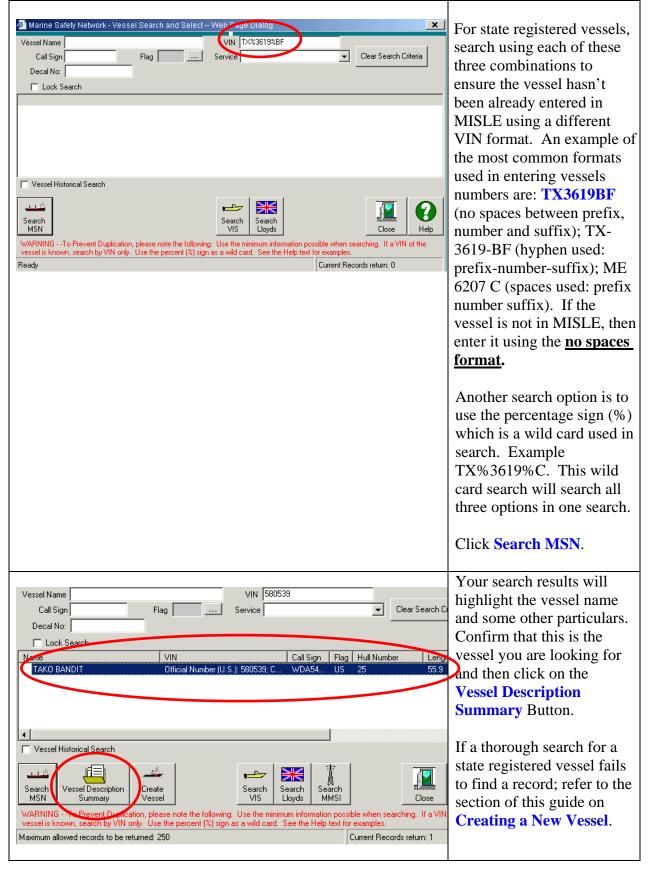
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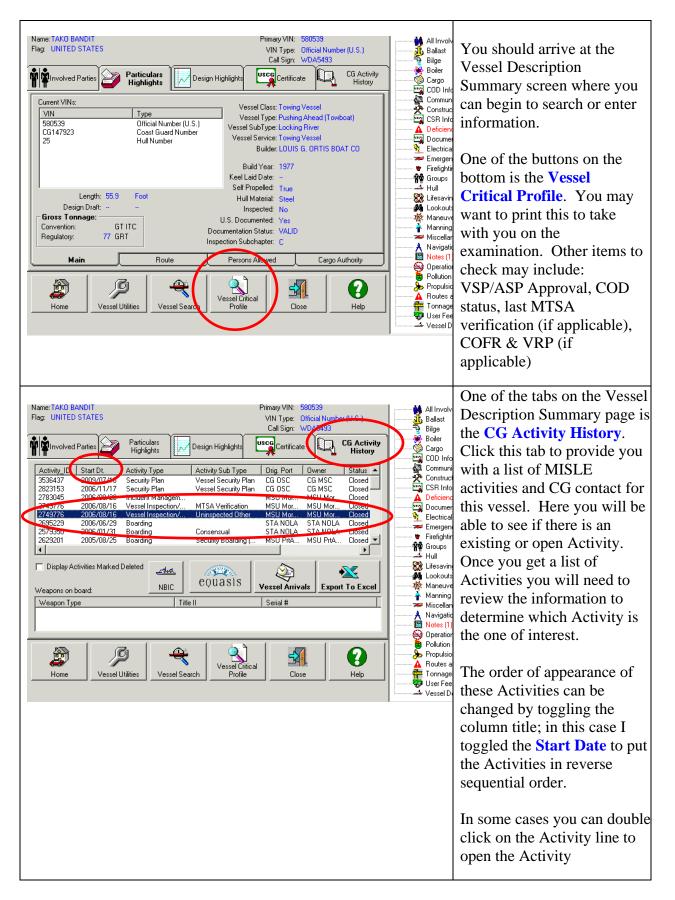
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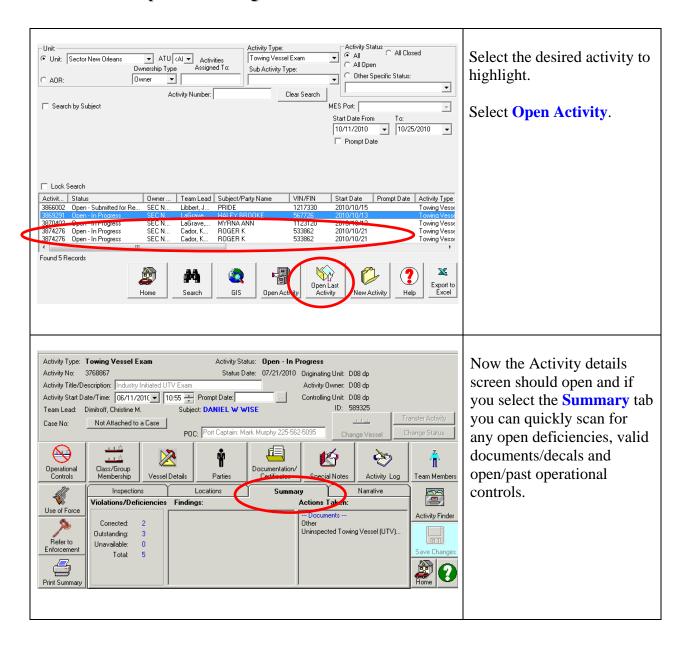






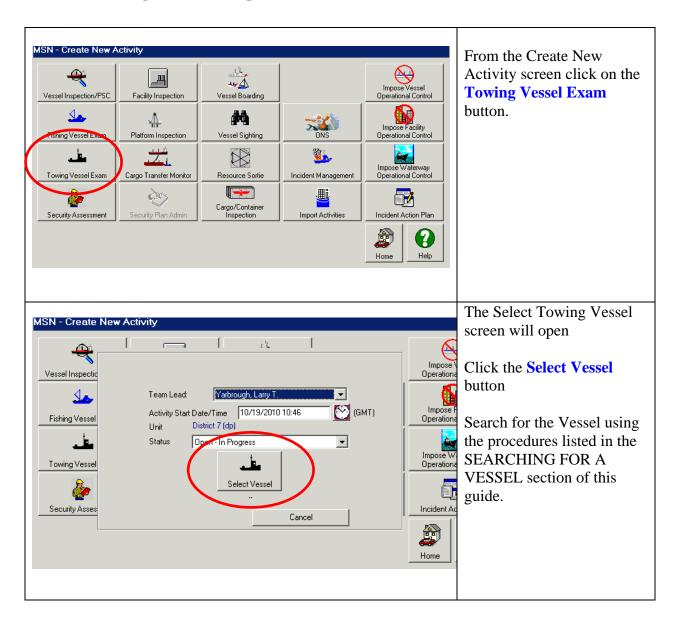


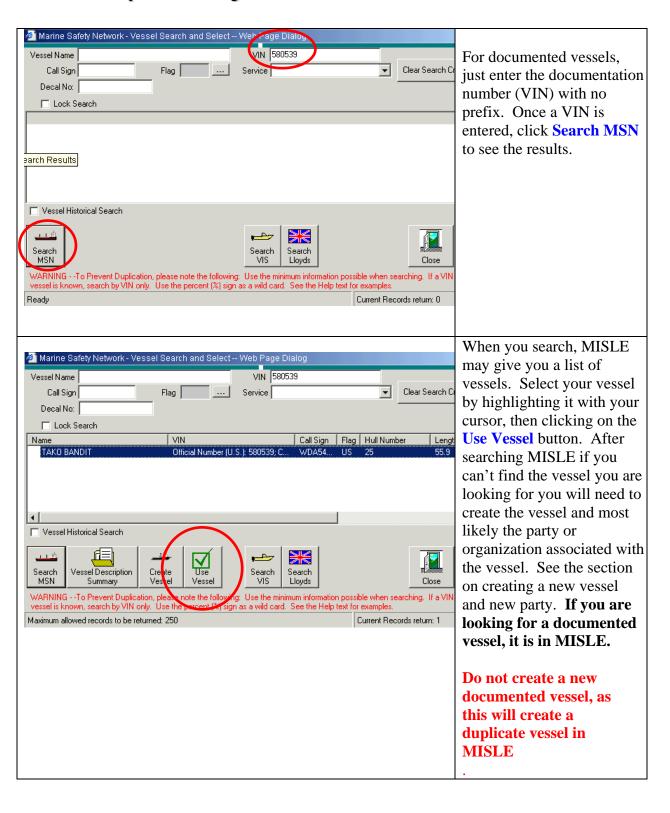


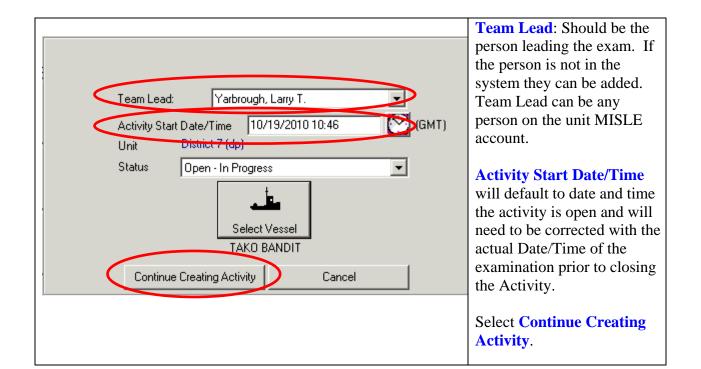


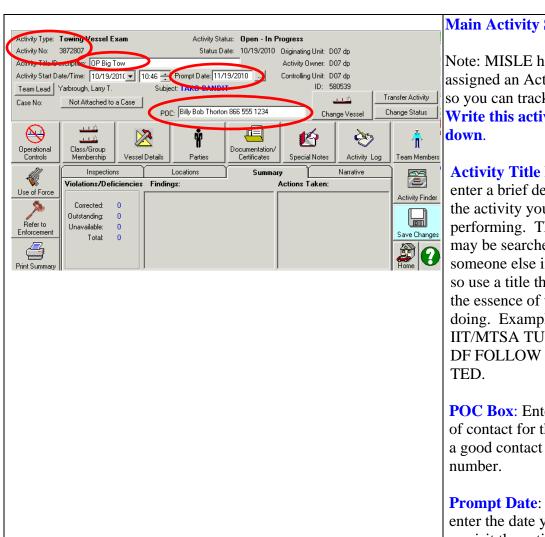
CREATING A NEW TOWING VESSEL ACTIVITY











Main Activity Screen.

Note: MISLE has now assigned an Activity number so you can track this exam. Write this activity number

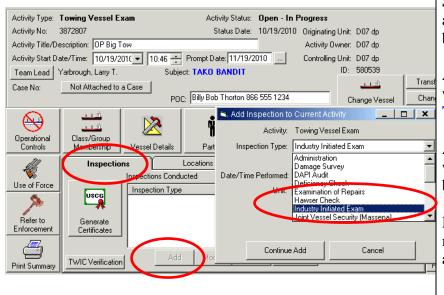
Activity Title Description:

enter a brief description of the activity you are performing. The Activity may be searched by someone else in the future so use a title that conveys the essence of what you are doing. Examples; IIT/MTSA TUG TED, or DF FOLLOW UP TUG

POC Box: Enter the point of contact for the vessel and a good contact phone

Prompt Date: Here you can enter the date you wish to re-visit the activity. 30 days is typical for a towing vessel. This works with the Activity Search function to find Activities you wish to revisit on a specified date.





Select the **Inspections** tab and click on the **Add** button.

At the pop-up window you will select the **Inspection Type**:

A list of Inspection Types with definitions is provided below.

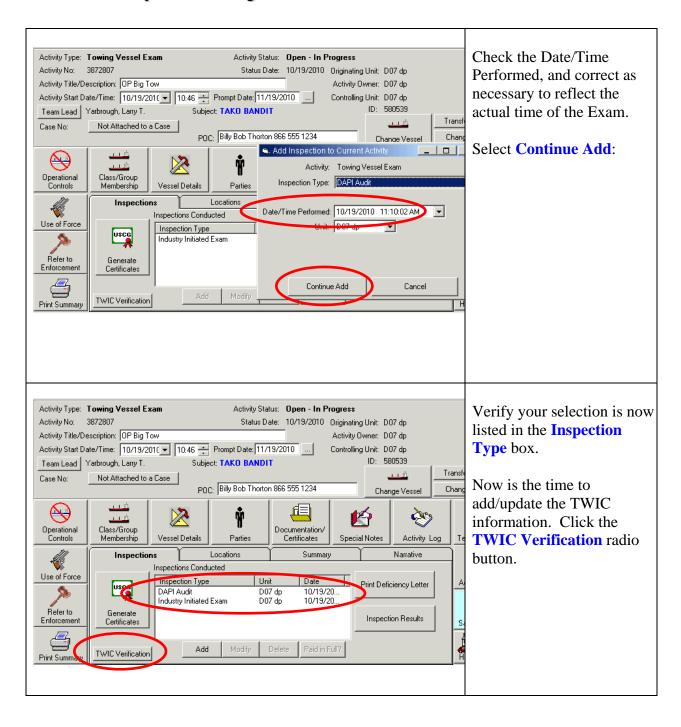
Multiple Inspection Types may be added to the same activity number.

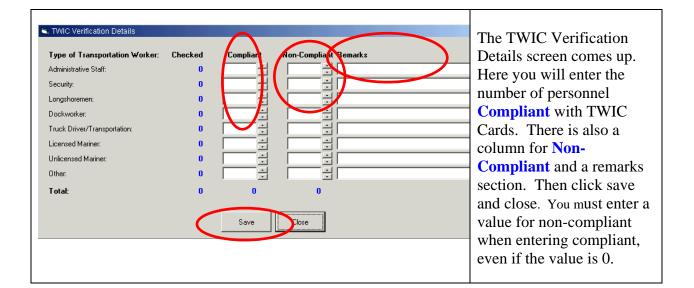
DEFINITIONS OF TYPES OF INSPECTIONS

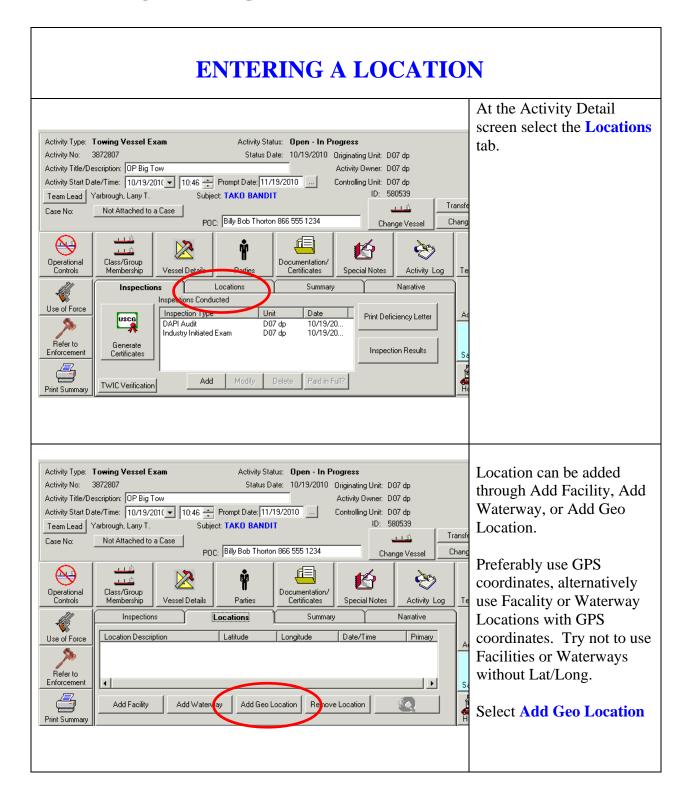
- **1. Administration** Self explanatory, something other than an actual Exam.
- **2. DAPI Audit** Audit of Company Drug and Alcohol plan. This is not vessel specific; it is an audit of a company.
- **3. Damage Survey** Examiner attends a vessel after an incident to observe damage. Documents damage in MISLE and vessel file.
- **4. Deficiency Check** A follow up examination to clear discrepancies found at a previous examination.
- **5. Examination of Repairs** No regulation to cover this activity.
- **6. Hawser Check** Examination of towline per 33 CFR part 164.74
- **7. Industry Initiated Exam -** Conducted during Phase 1. Industry calls us and arranges for mutually acceptable time for a towing vessel exam.
- **8. Joint Vessel Security (Messina) -** Examination conducted jointly with members of Transport Canada to verify vessel compliance with ISPS/MTSA
- 9. Load Line Verify vessel is in compliance with requirements found in 46 CFR Subchapter E
- **10. MTSA Verification** Examination for compliance with MTSA
- 11. MTSA/ISPS Verification Examination for compliance with MTSA/ISPS
- **12. Marine Casualty Follow Up -** An examination that is initiated as a result of a reportable marine casualty.
- **13. New Construction -** Attending vessel at request of company during construction phase to check for compliance with applicable regulations.
- **14. Risk Based Targeted -** Conducted during Phase 2. COTP/OCMI prioritizes examinations-based on risk—vessels. All remaining towing vessels that failed to initiate/complete

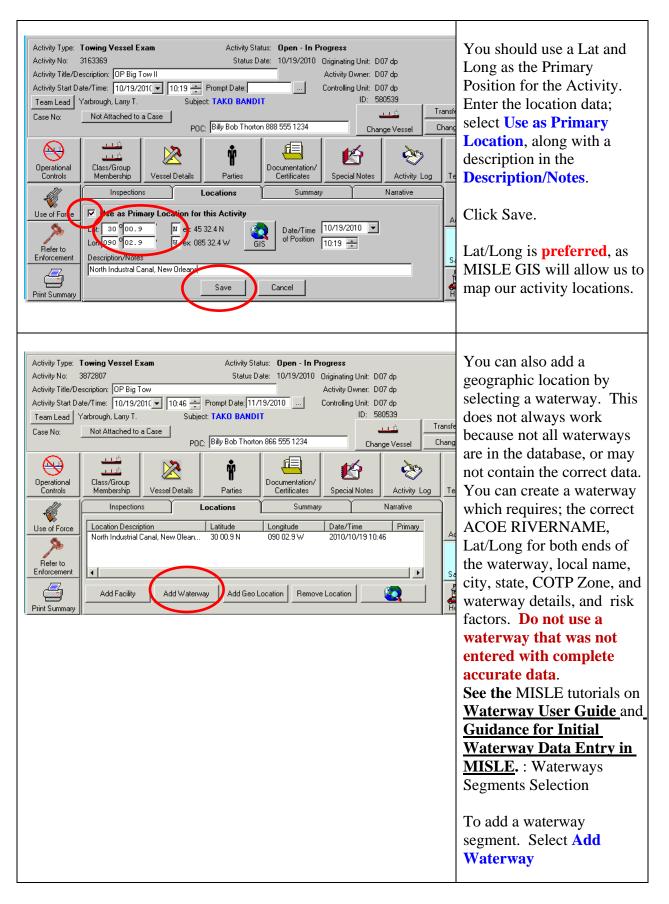
satisfactorily an Industry Scheduled Exam. COTP/OCMI then boards the vessel and conducts a complete towing vessel exam at Coast Guard's convenience.

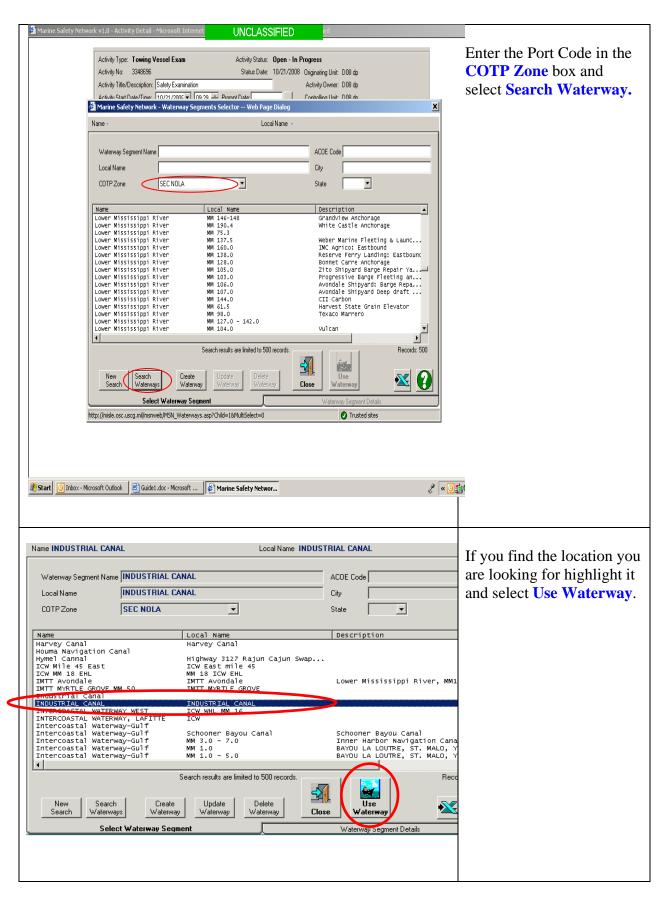
- 15. Security Plan Amendment Review ASP Done at HQ.
- 16. Security Plan Amendment Done at HQ
- 17. Review VSP Done at HQ
- **18. Spot Check -** Cursory check for compliance with applicable regulations

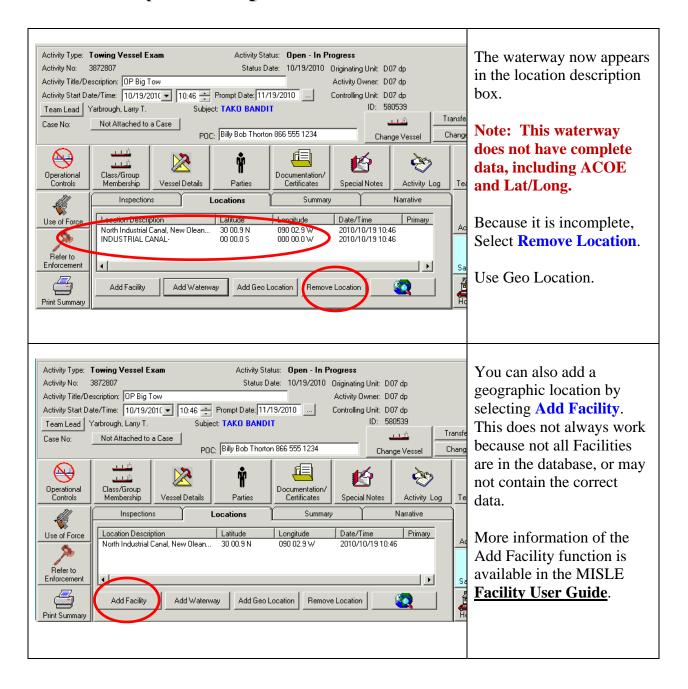


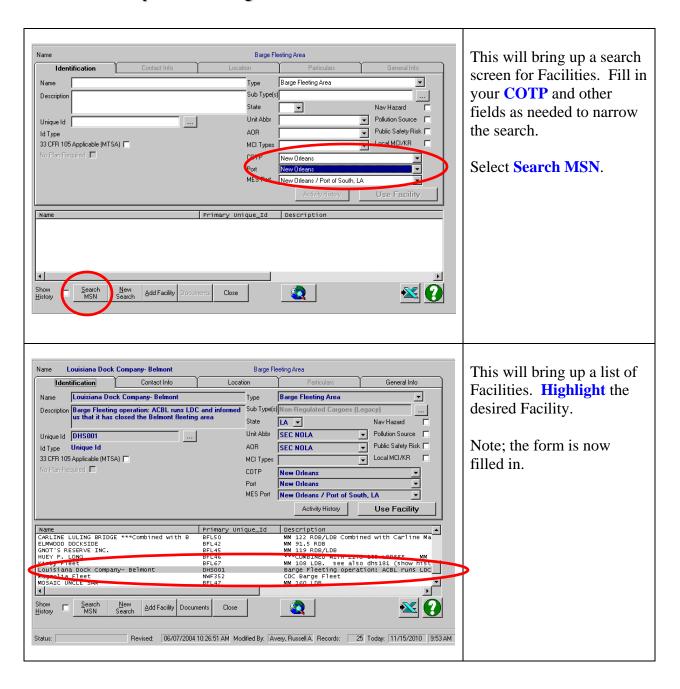


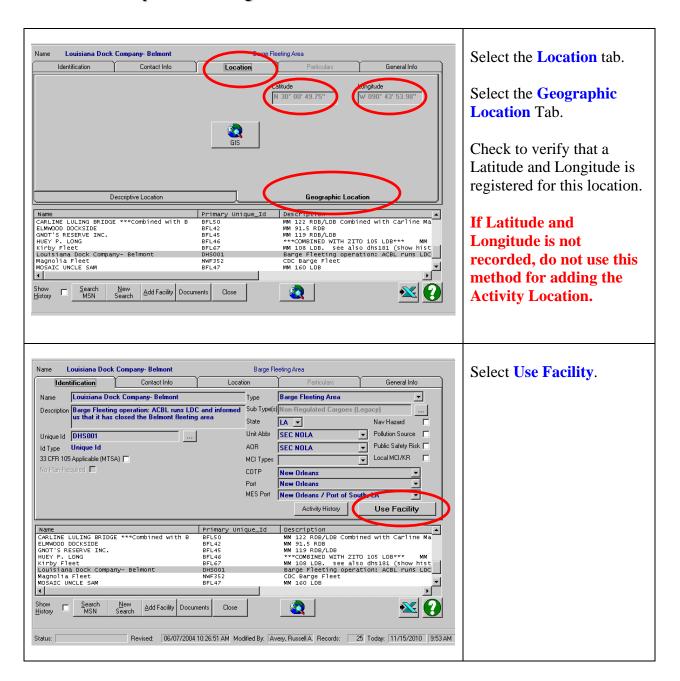


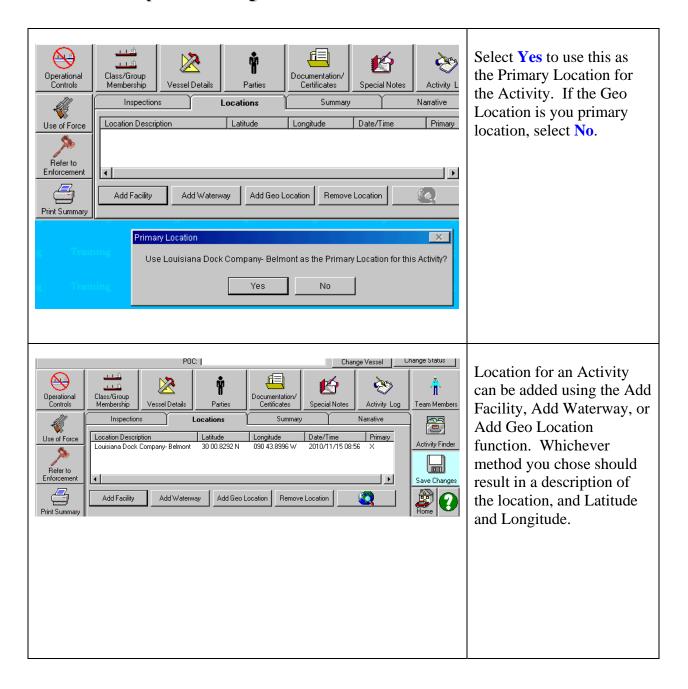


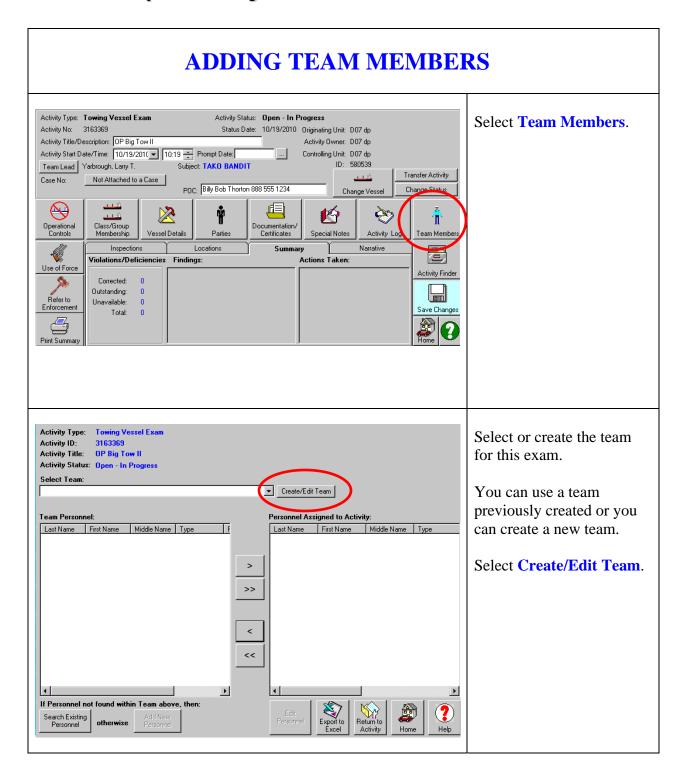


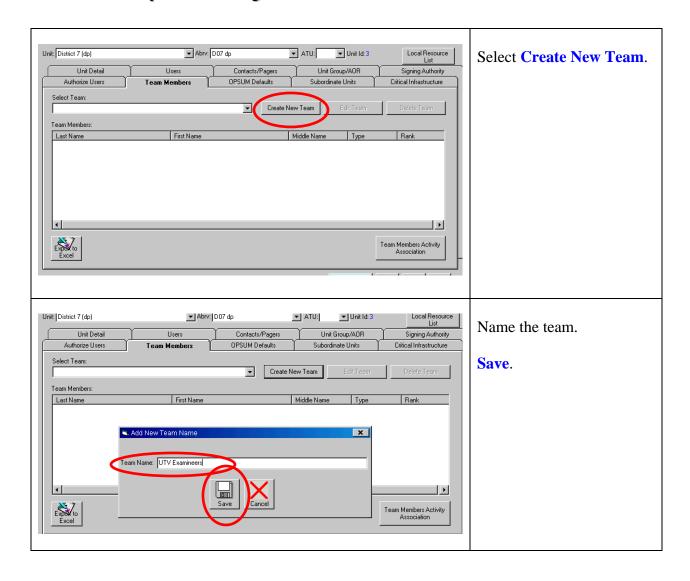


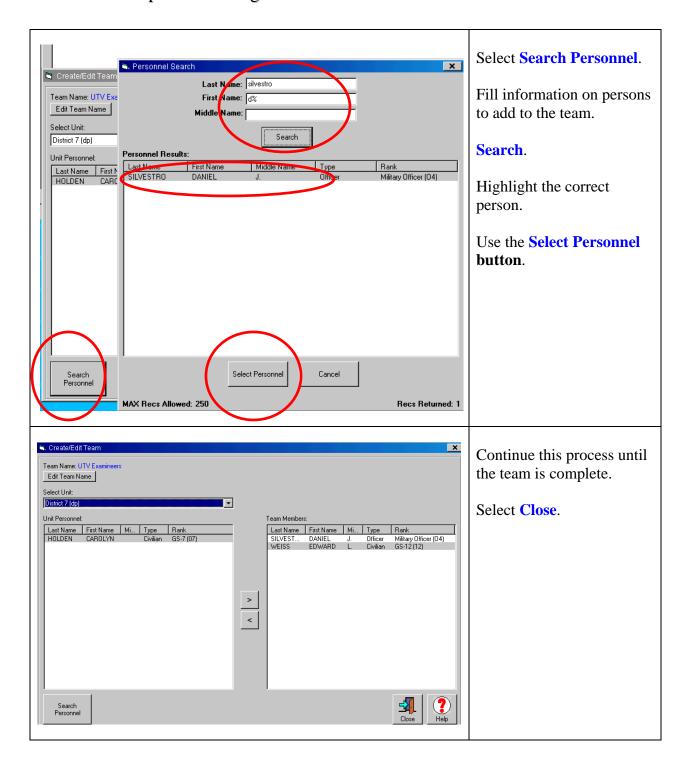


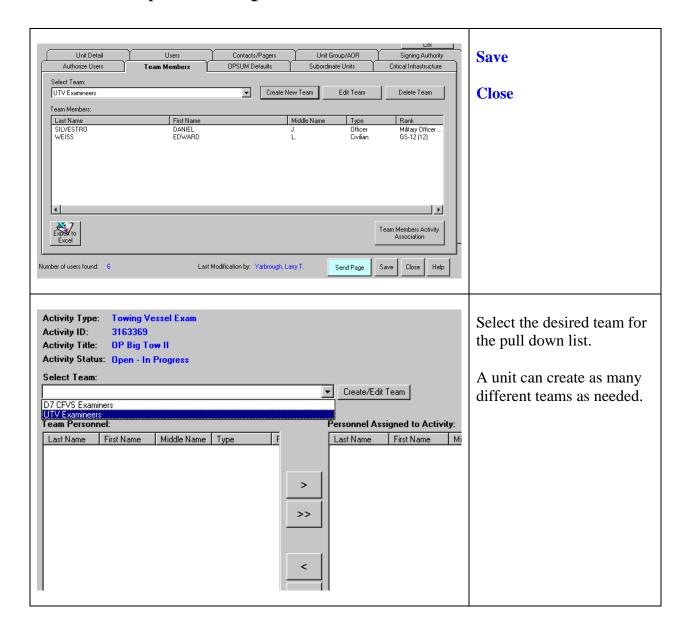


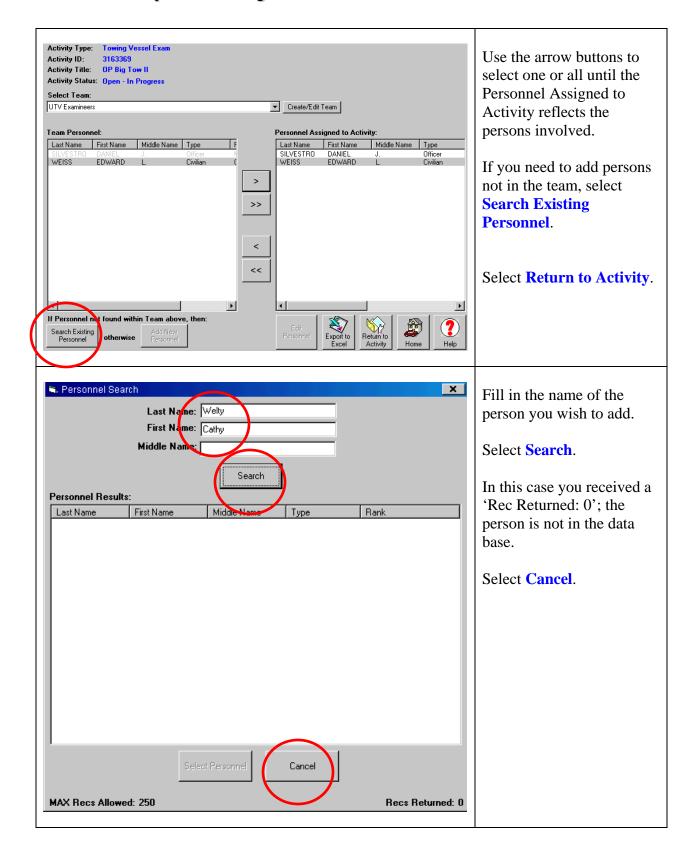


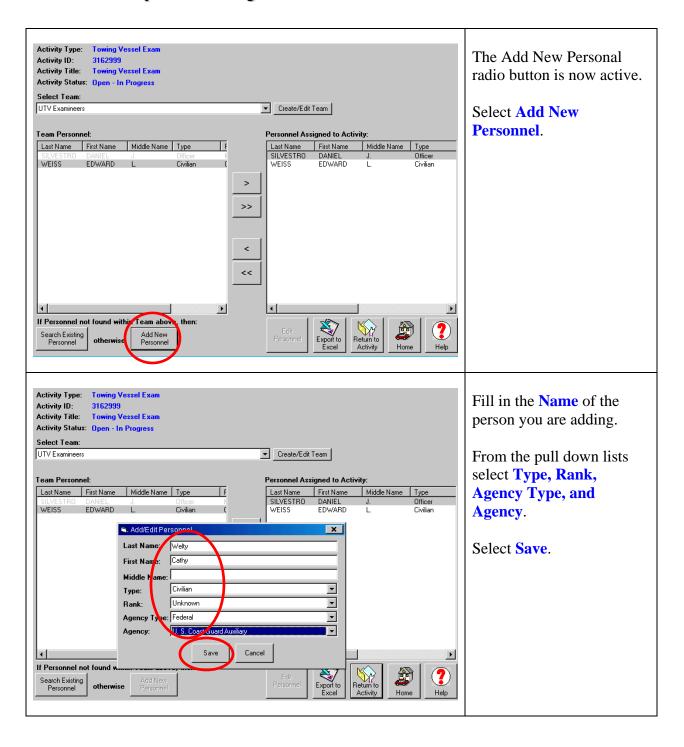


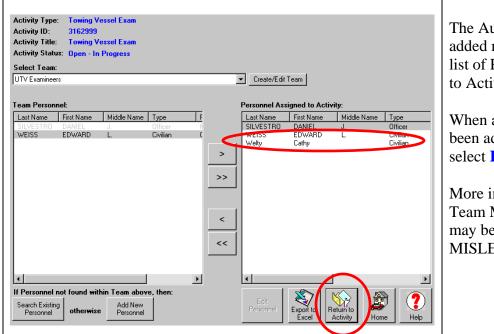








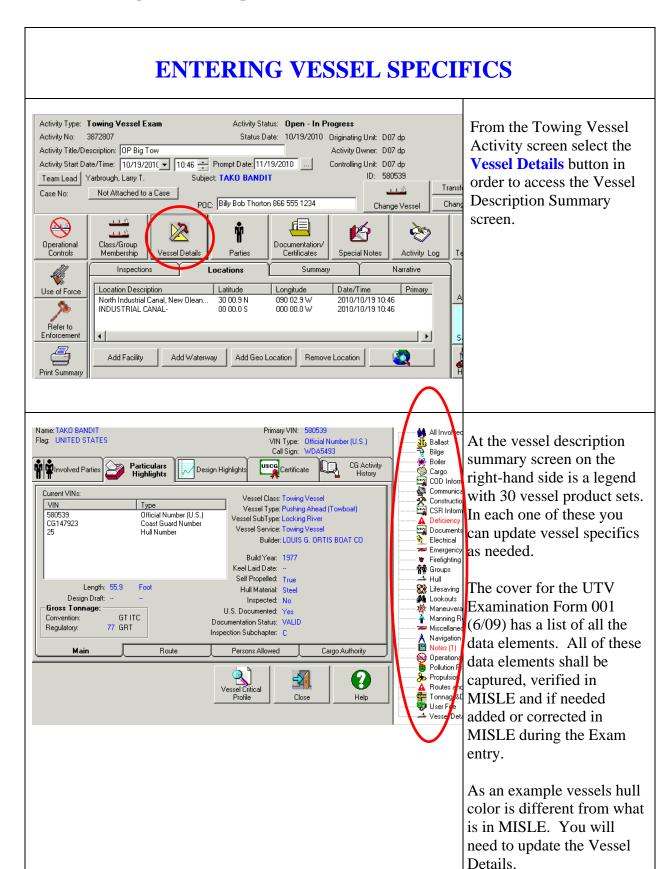




The Aux member that you added now appears on the list of Personnel Assigned to Activity.

When all personnel have been added to the list, select **Return to Activity**.

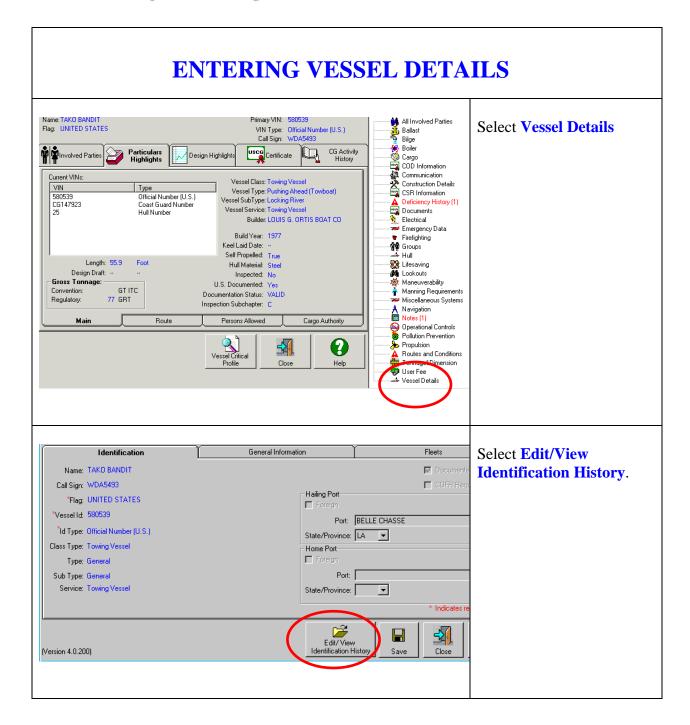
More information of the Team Members function may be found in the MISLE Tutorials.

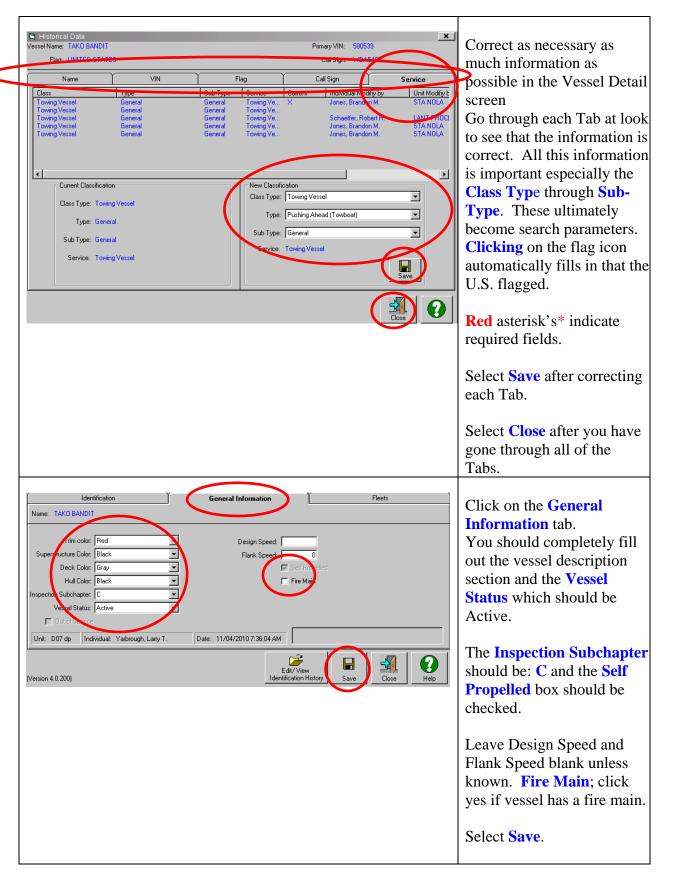


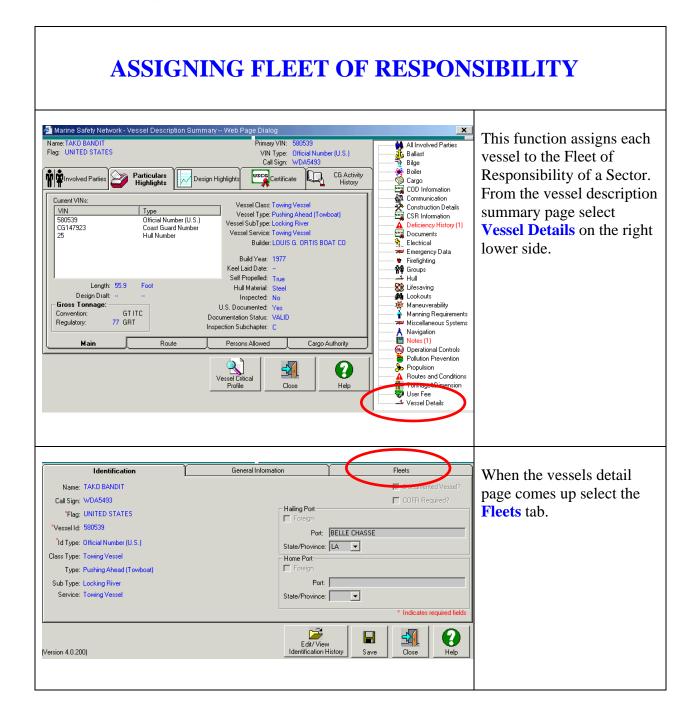
Additional data needed for each towing vessel as it applies;

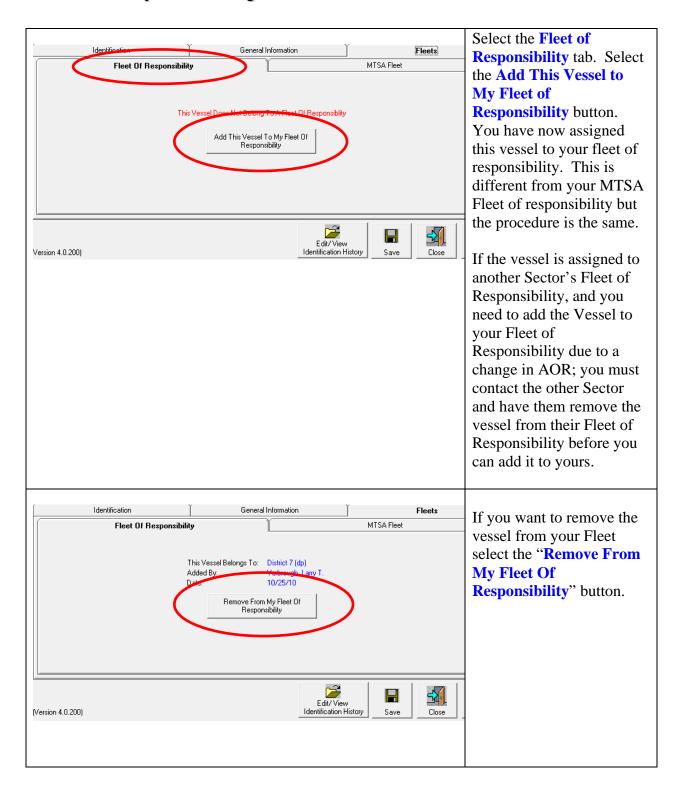
EPIRB HexID, Lifesaving safety equipment, immersion suites, survival craft, MMSI number, location and number of fire hoses, location of fire pump, location and type of fire detection systems, capacity and type of fixed fire extinguishing system, location and type of fire extinguishers, Tank location, capacity and content.

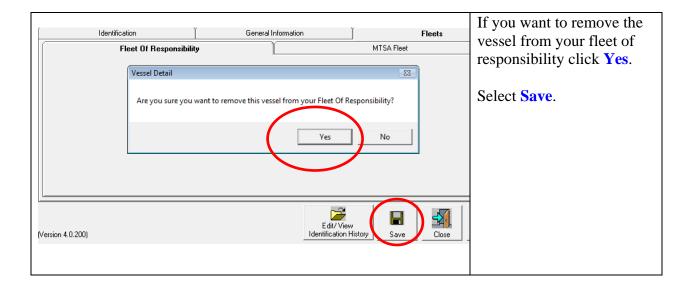
The examiner should capture as much information as possible during the Safety Exam and enter new information or update existing information



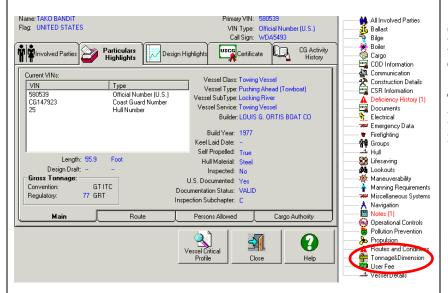






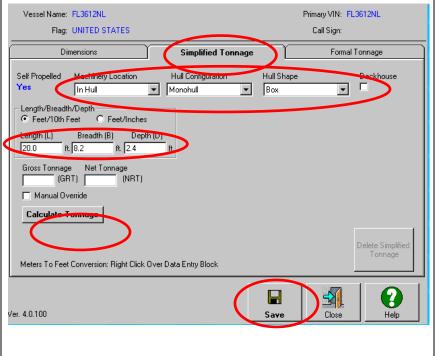






Select **Tonnage & Dimensions** on the right side of the screen.

This will bring up the Vessel Dimensions page seen in the next screen.



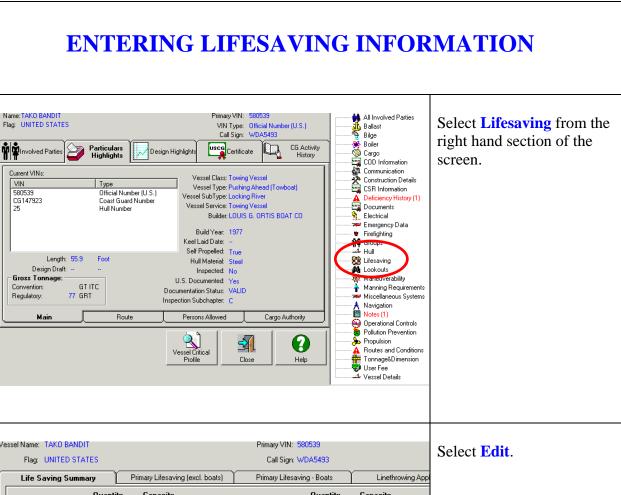
For **Documented Vessels**

If you find a difference in Tonnage between the vessels COD and what is in MISLE, contact the Vessel Documentation Center.

For State Registered Vessels

Under the simplified tonnage tab there are boxes to enter Machinery Location, Hull Configuration, Hull Shape, Deckhouse, Length, Breath and Depth. Enter the correct number, and select Calculate Tonnage.

Then click Save



Vessel Name: TAKO BANDIT Flag: UNITED STATES Life Saving Summary Quantity Capacity Quantity Capacity Lifeboats(Port): " Rescue Boats: --Inflatable Rafts: --Lifeboats(Starboard): --Life Floats: --Lifeboats(Stern): --Lifeboats(Total): 0 0 Workboats: " Motor Lifeboats: --Inflatable Buoyant Apparatus(IBA): --Lifeboats with Radio: --**Primary Lifesaving Equipment** Miscellaneous Equipment Unit: D08 dp Unit Name: District 8 (dp) Date: 5/8/2009 2:17:25 Individual: White, Michael D. (Version 4.0.90)

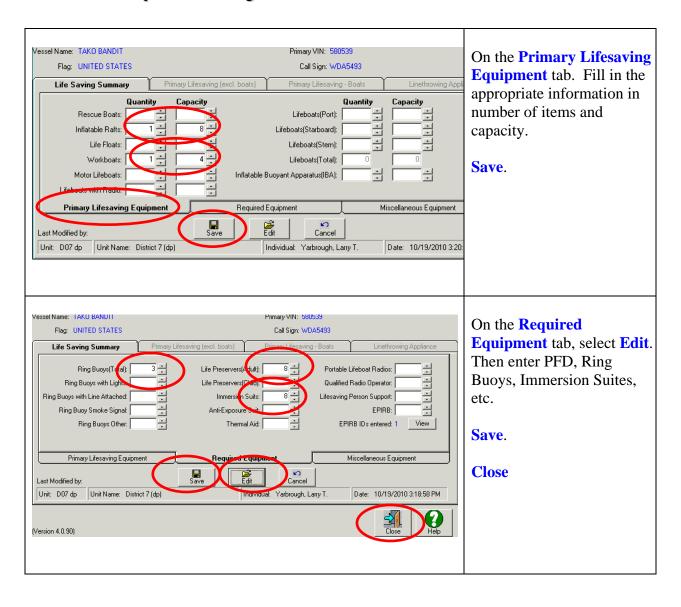
Current VINs

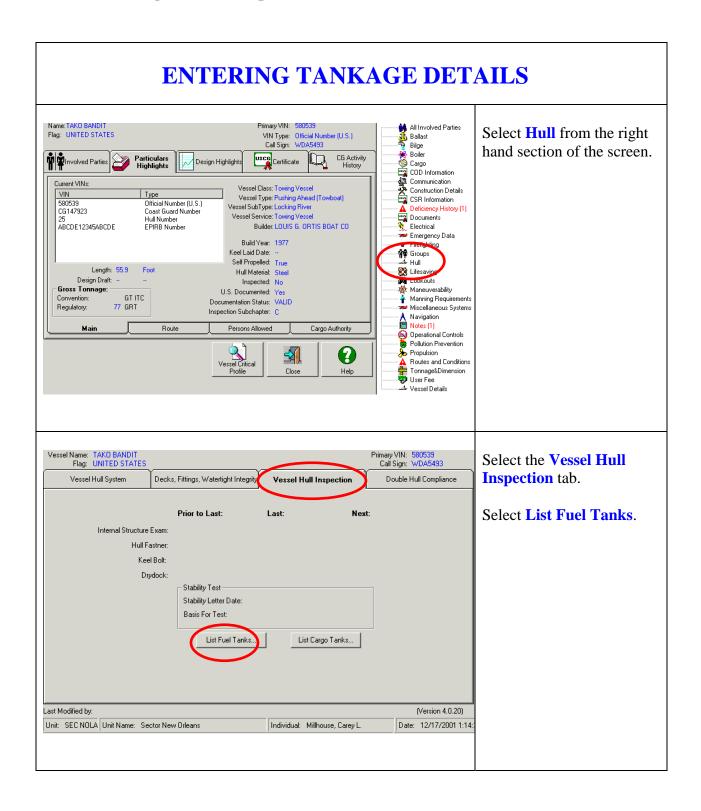
580539 CG147923 25

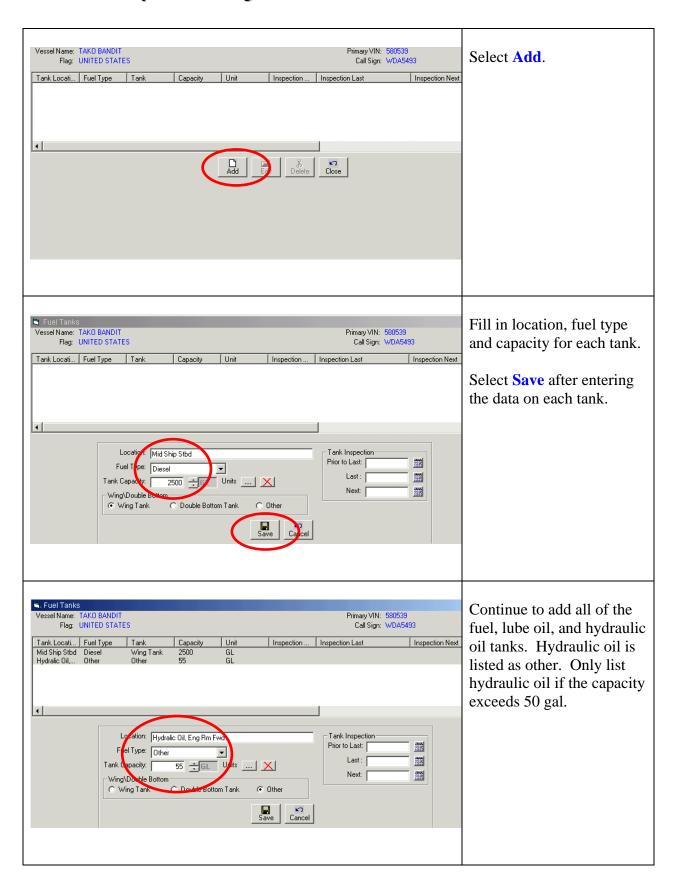
Convention:

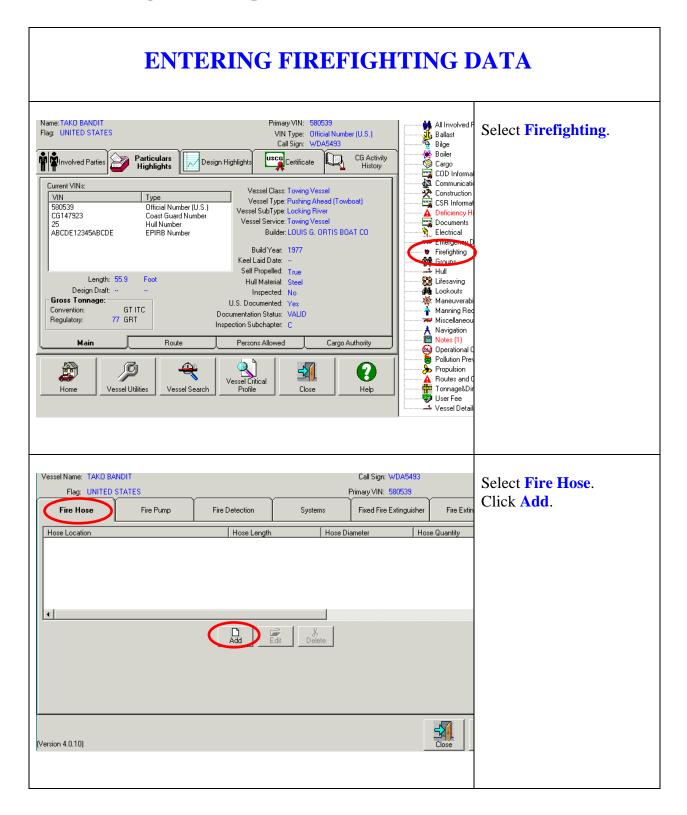
Regulatory:

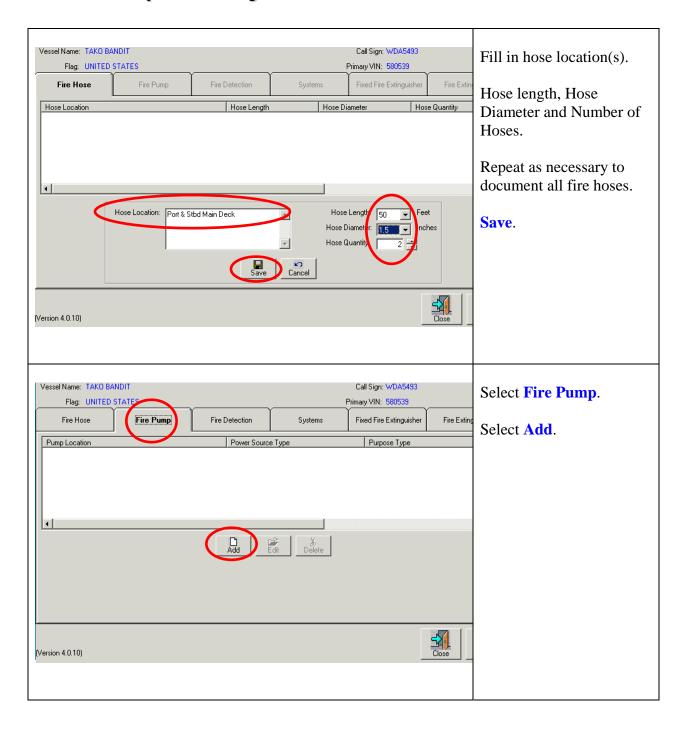
VIN

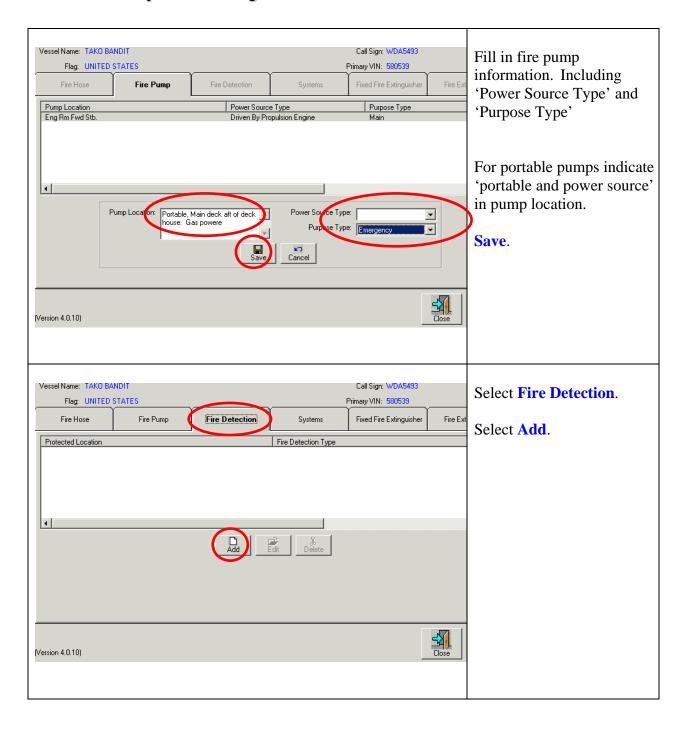


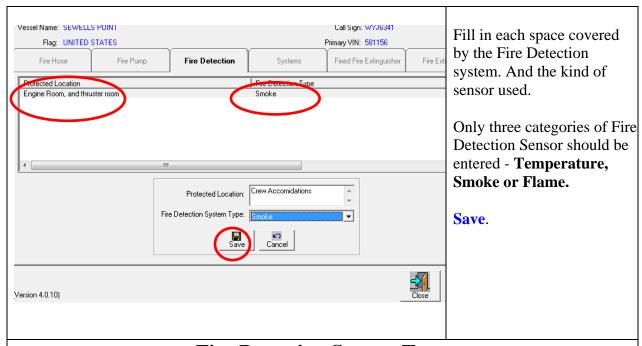












Fire Detection System Types

Flame Detectors – Optical type detectors that respond to ultraviolet or infrared light emitted from open flaming. Do not respond to heat or smoke. Not typically found on towing vessels.

Fusible Detectors— A type of heat detector which activates when a part of the detector melts and falls away. Must be replaced with a new detector after activation.

Ionization detector – One of two common type of smoke detectors. Uses a radioactive source to measure changes in current flow when smoke particles enter the sensing chamber.

Manual – Manual pull station

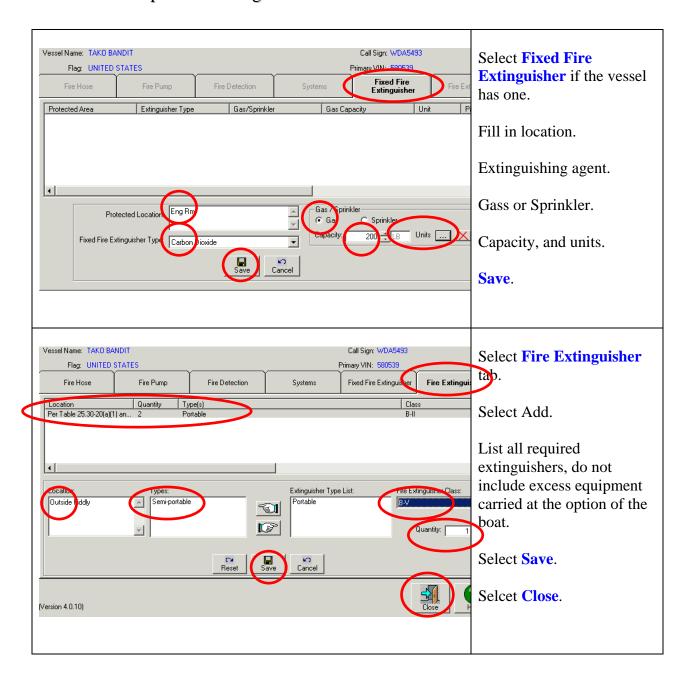
Photoelectric – The other type of common smoke detectors. Uses a light beam to sense the presence of smoke.

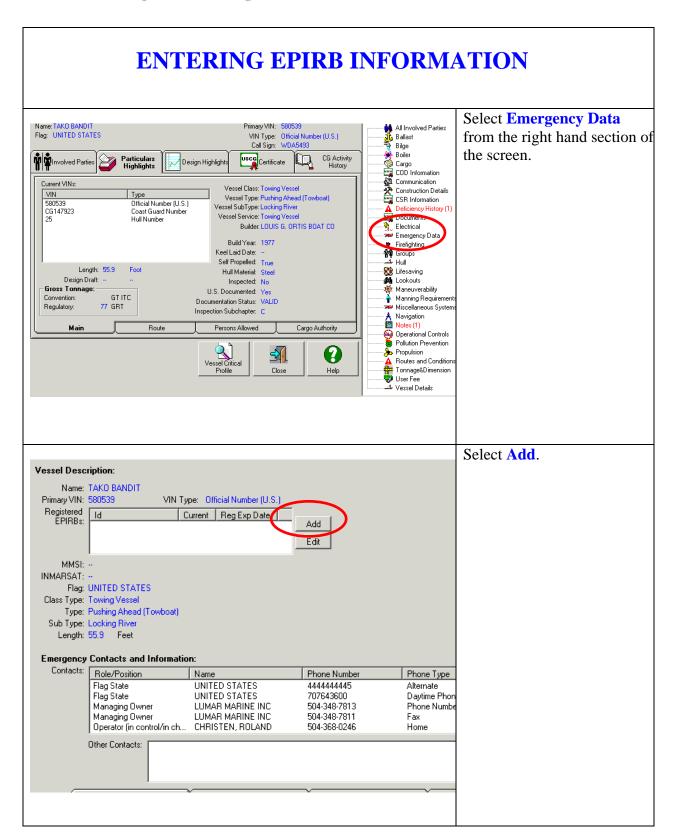
Rate of Rise – A type of heat detector that alarms if the temperature rise exceeds a preset rate. Self resetting.

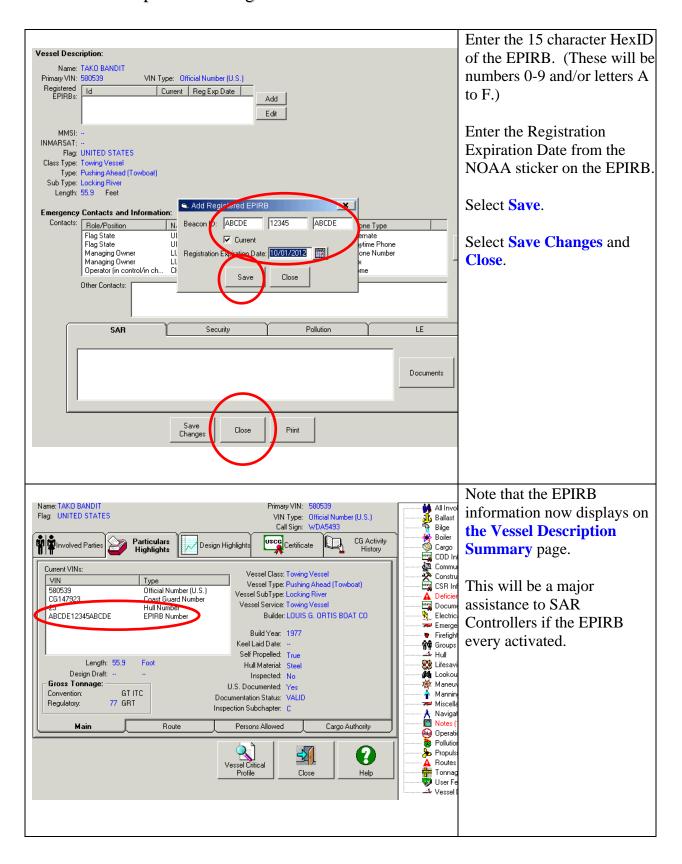
Smoke - Common smoke detector

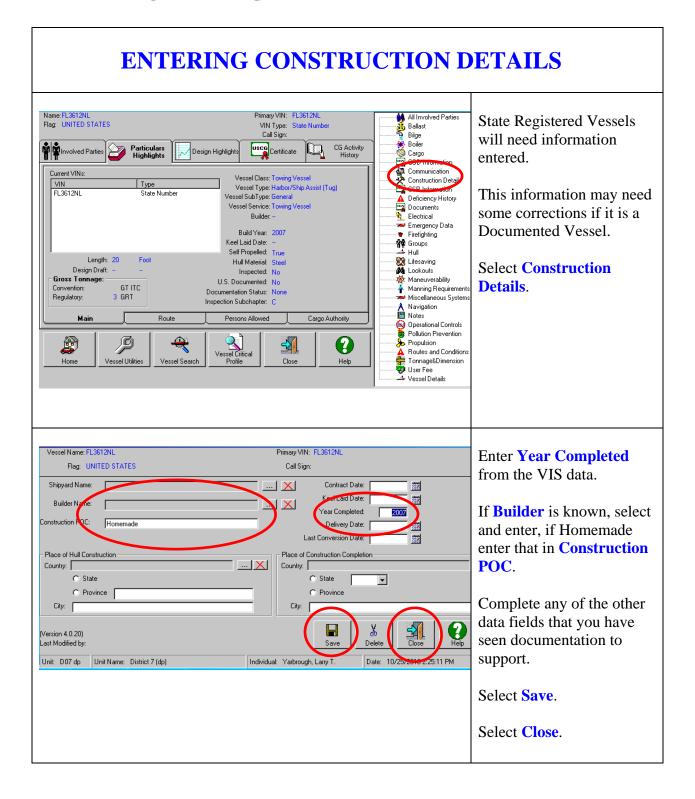
Smoke/CO2 – A mechanical smoke accumulator that is connected to a fixed CO2 extinguishing system discharge pipe

Temperature – A heat detector that alarms when the temperature of the element exceeds a fixed temperature. These detectors reset after activation and do not need to be replaced

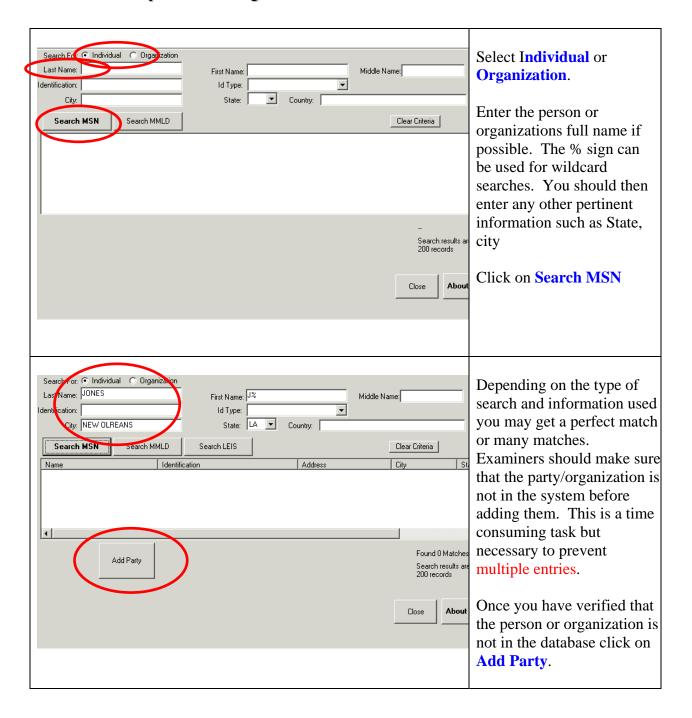


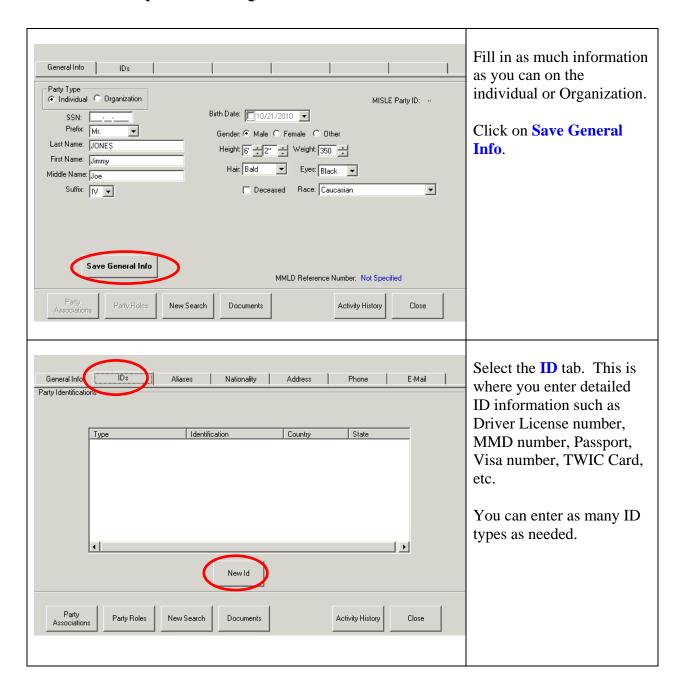


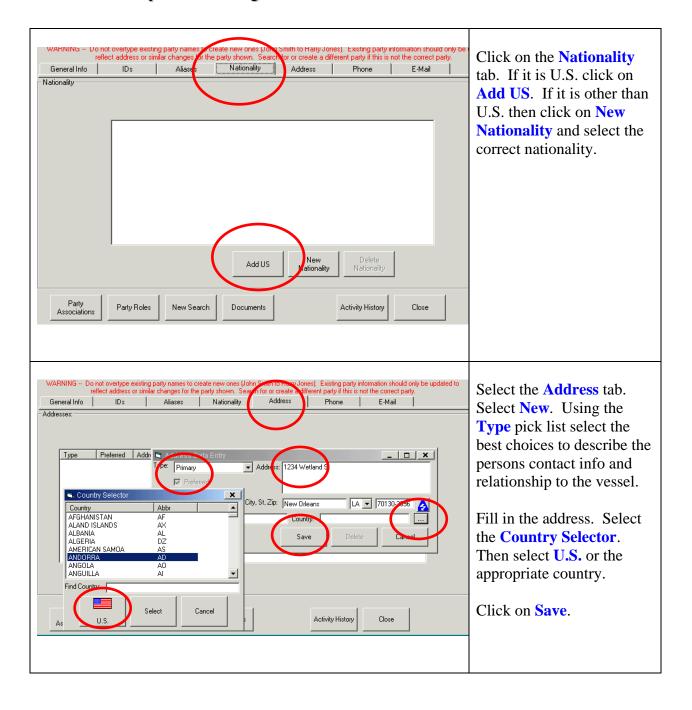


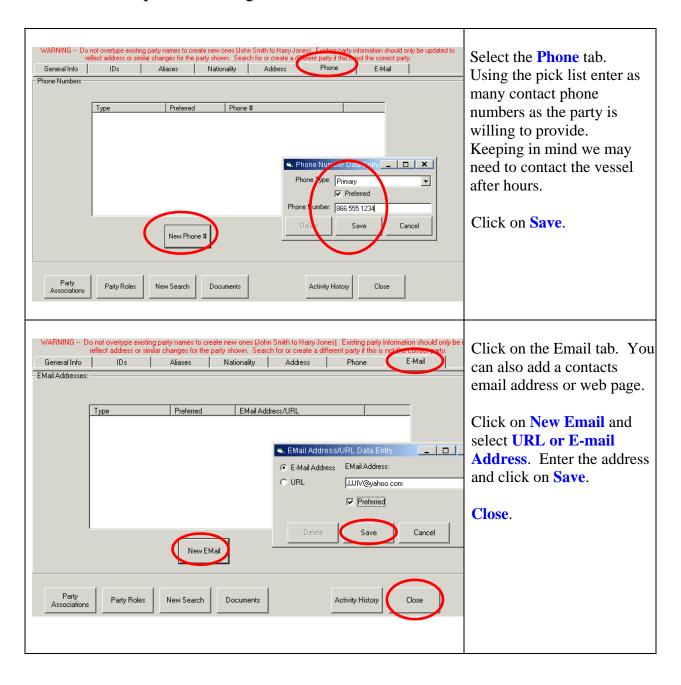


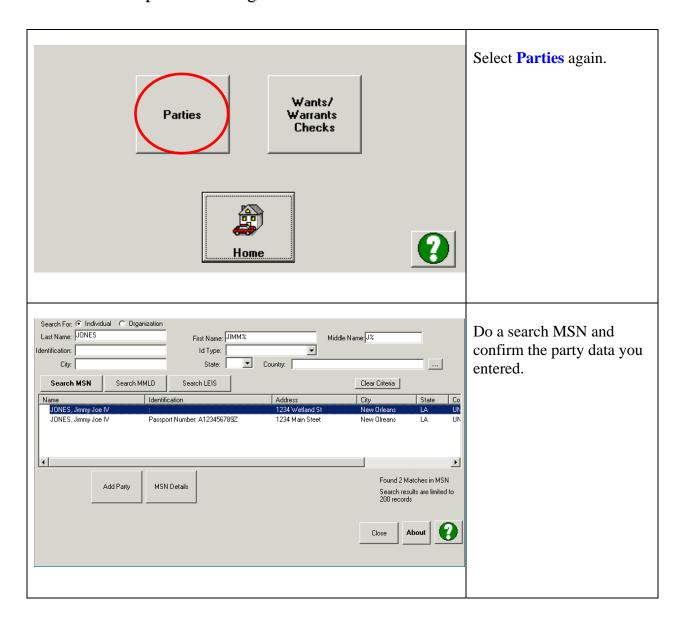


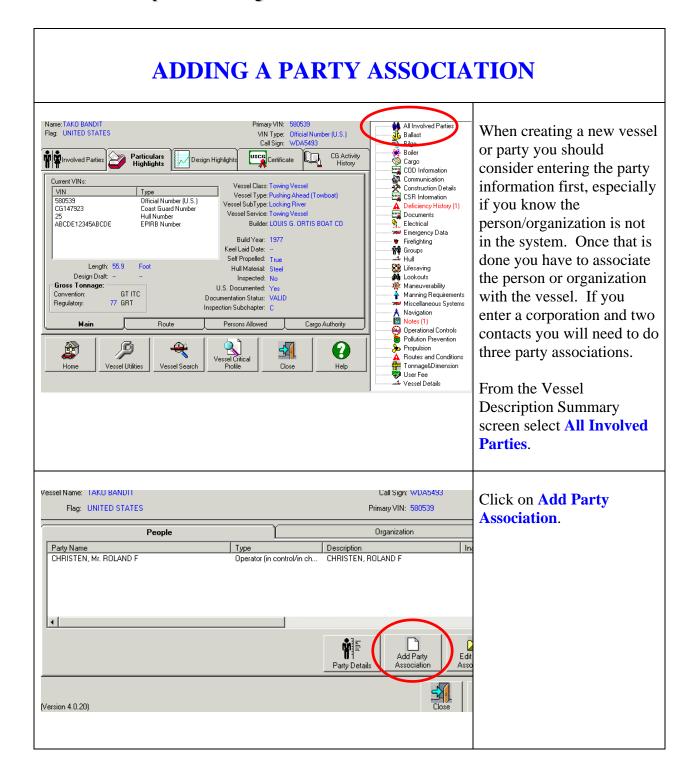


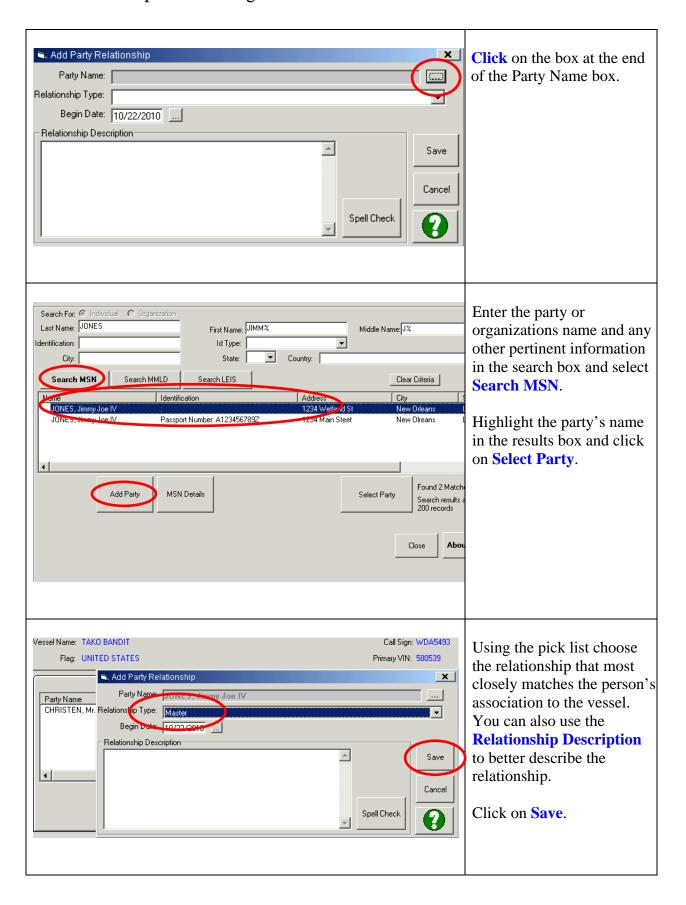


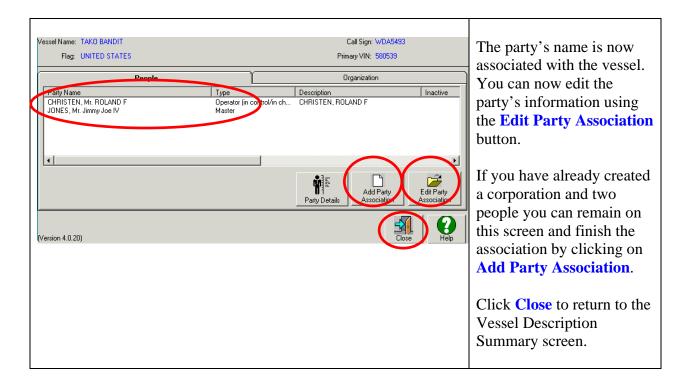


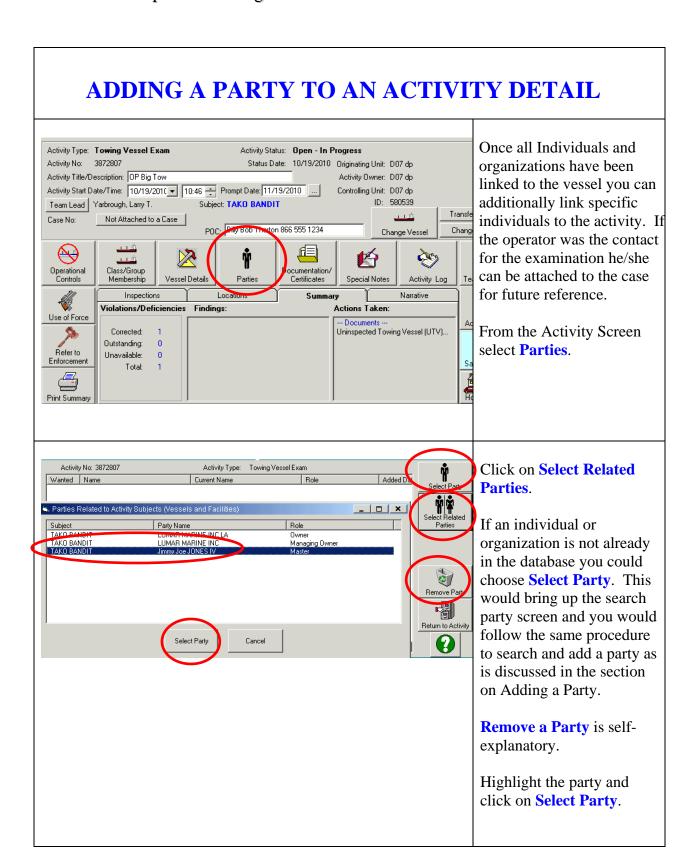


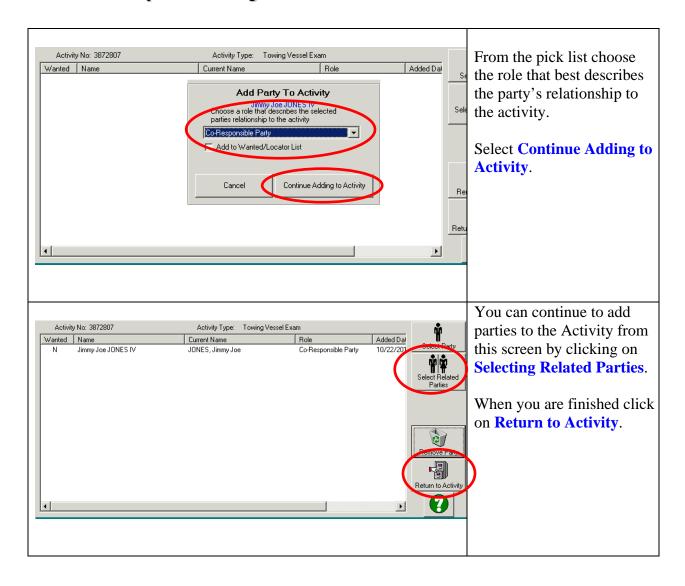




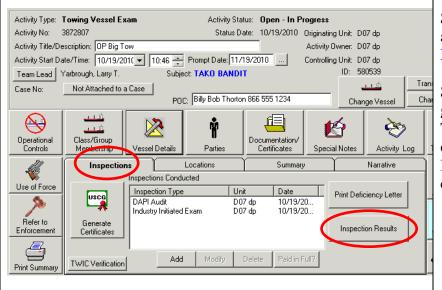






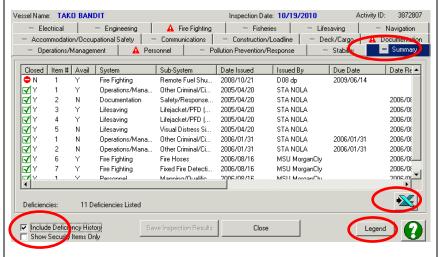






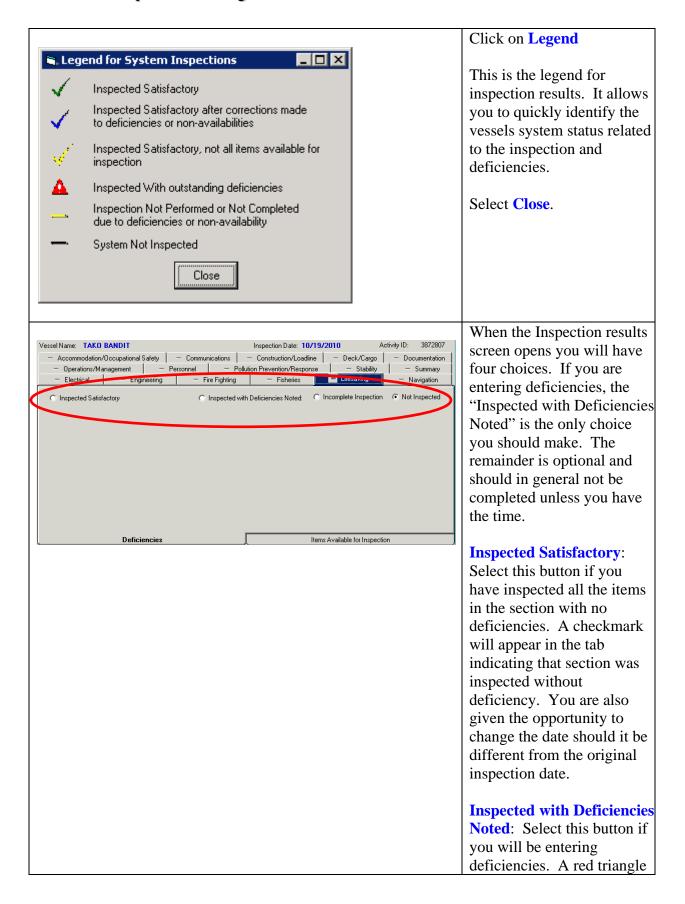
Select the **Inspection** tab and then select **Inspection Results**.

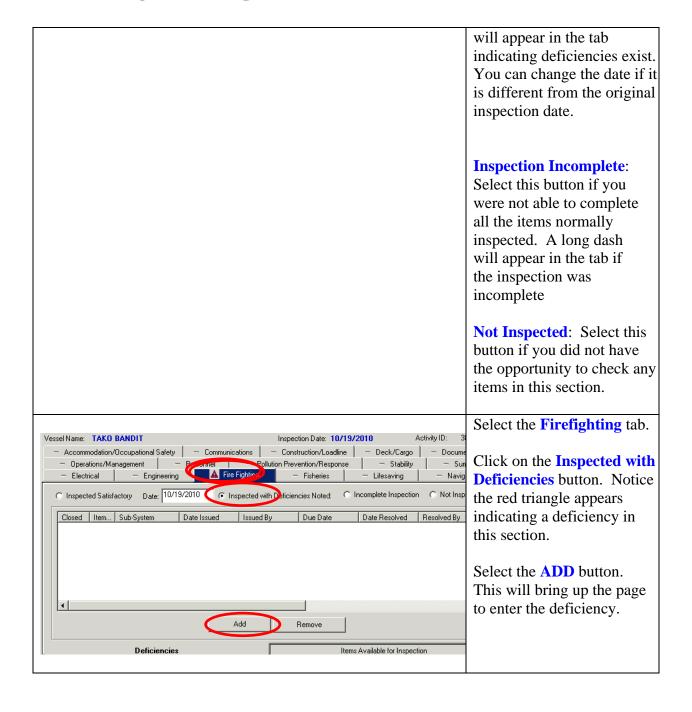
See the section of this guide on Definitions of Types of Inspections to add or change the type of Inspections this Activity covers.

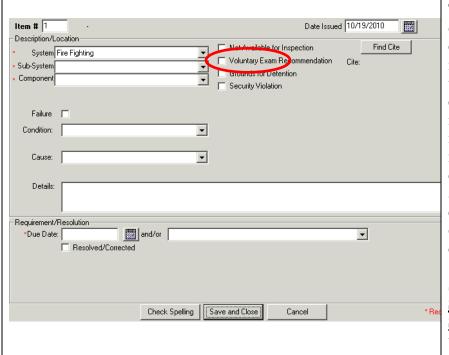


Clicking the **Summary** tab will include all open deficiencies. You can include a list of all previous deficiencies by clicking in the **Include Deficiency History** box.

Clicking the **Excel Icon** will format all deficiencies in an easy to review spreadsheet format.







The Deficiency detail screen opens and you can begin entering deficiency information. In some cases the pick list will have the exact choice you want and in many other cases it will not. Where it is not clear make the best selection you can in regard to the appropriate category. Every effort must be made to fill out this page completely and correctly.

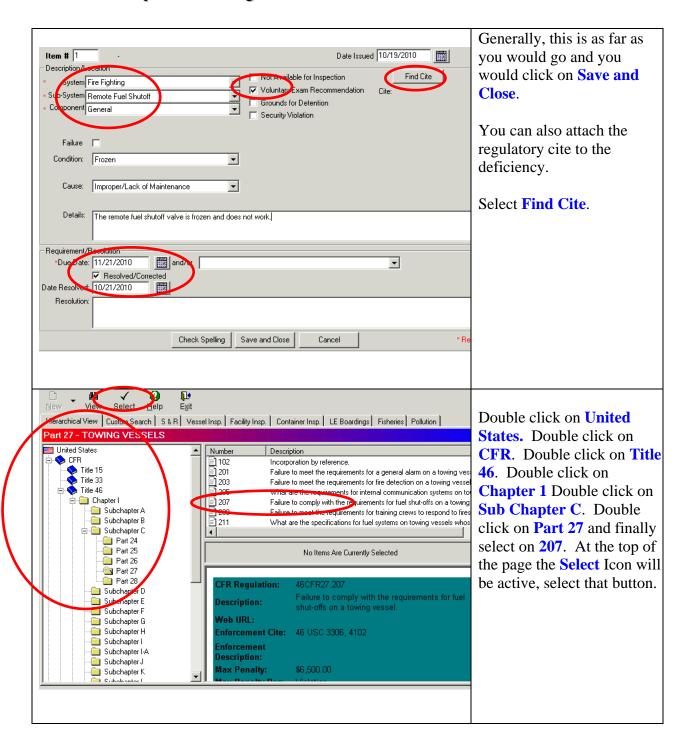
See the <u>Vessel</u>
<u>Systems/Sub-</u>
<u>System/Component List</u> in the MISLE NET.

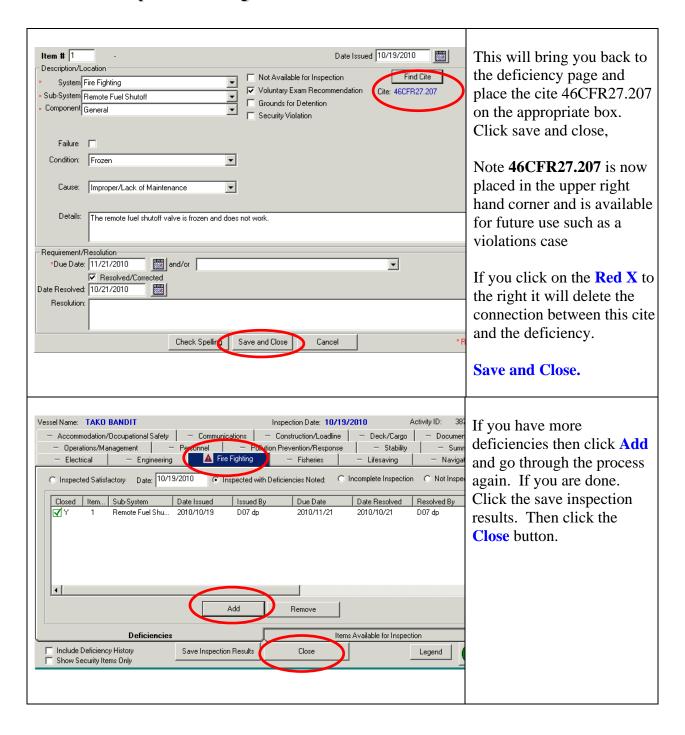
In this example, we identified the Remote Fuel Shutoff as being inoperable. This allows us to work through the whole process.

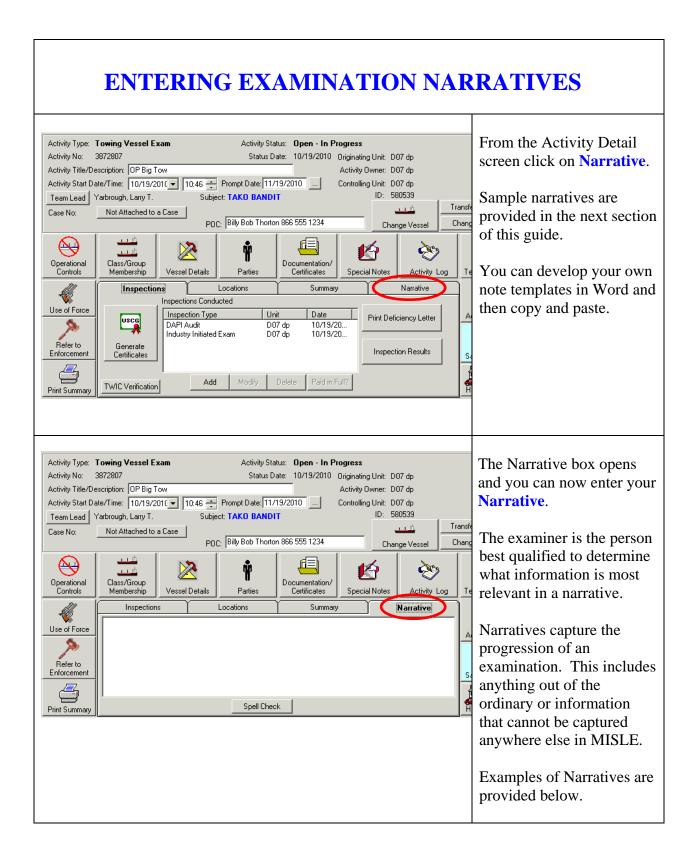
The appropriate **System** is Fire Fighting. The **Subsystem** is Remote Fuel Shutoff and the **Component** selected is general. The **Not available for Inspection** box is not applicable. You should check the **Voluntary Exam Recommendation** box. The **Grounds for Detention** box is not applicable

Note: If the deficiency is from a MTSA exam, it will <u>not</u> be a Voluntary Exam Recommendation.

The Condition code is "Frozen" and the Cause is "Improper Maintenance". In the Detail block you should write a short narrative that succinctly describes the problem along with any guidance you may have offered. The Due Date selected should rarely exceed 30 days from the time of inspection. Serious deficiencies such as Lifesaving, leaking shaft packing and deficiencies that meet COTP hold criteria should be identified as immediate and prior to "Departure from Port". All deficiencies must be documented including those identified and corrected on the spot. In these cases, you should enter the deficiency and select the Resolved/Corrected box. Correction on the spot should also be documented in the Detail block.







EXAMPLES OF EXAM NARRATIVES

06AUG10: ENS Brian Dochtermann boarded subject vessel to conduct a UTV Examination IAW with UTV Form 001 at Baton Rouge LMR MM 225 (Kirby Fleet). The following items were examined:

- Bridge and Documentation
- Navigation Safety Equipment
- Lifesavings
- Pollution Prevention
- Fire Fighting, Protection, and Suppression Equipment
- Towline and Terminal Gear inspection
- MTSA Verification
- Hazardous Conditions
- Professional Engineer Fire Detection Certificate

Recommendation: Ensure red flashing light in lower level of engine room flash at closer intervals.

The subject vessel examination revealed no outstanding deficiencies and was issued a UTV Examination Decal. Inspection complete.

//S//ENS B. Dockermann//

14-OCT-2010: Sector Lower Mississippi River conducted an Industry Initiated Exam and MTSA Verification with vessel's representative at MM 690 LMR, MS. The USCG UnInspected Towing Vessel Examination Booklet was used as a guide. (04) Deficiencies issued. (04) Deficiencies cleared. (00) Deficiencies remain outstanding. An Un-Inspected Towing Vessel Decal has been issued. Examination complete.

This inspection was conducted in accordance with applicable US laws, regulations, and the policies set forth in the Marine Safety Manual, current instructions, directives, and notices. U.S. Coast Guard Requirements for Uninspected Towing Vessels booklet, Ch-1, dated March 2009, inspection booklet was used as a guide.

Insp Type: Industry Initiated Deficiency Check

Vsl Type: M/V BARBARA LYNN, 290618 is a 48.9 foot, steel hull, towing vessel inspected under Sub Ch C.

Preparation: The original UTV Exam was conducted on 6/15/2010 resulting in (8) deficiencies. Based on conducting def. check in excess of 90 days from initial exam a full UTV exam was required.

Comments: 10/19/2010: Onboard the M/V BARBARA LYNN in company with vessel representative Mr. Walter Douglas Stokes, IPN/COFR - IP95019091, Columbus, MS, to conduct an industry initiated deficiency check. Discussed scope of inspection, MST2 Register, MST1 Dorin in attendance.

Examined vessel and applicable items on U.S. Coast Guard UTV Exam Form 001 (6/09) and found all items satisfactory with the following exceptions. Vessel did not have the proper magnetic compass on-board, operator did not have his restricted radio operator's permit, and vessel has not installed the required general alarm.

UTV Safety Inspection decal was not issued.

Completed inspection. Re-issued (3) deficiencies, cleared (5) deficiencies, and (3) deficiencies remain outstanding.

s// MST1 Russell A. Dorin MST2 Register

ANDREW FOSS O.N. 650273

07OCT10 - Attended vsl at Seattle, WA to conduct an Initial Industry Initiated Exam and MTSA Verification per the Coast Guard Towing Vessel Bridging Program. In attendance for the owner was vsl rep Jim Peschel, and vsl crew.

Vsl is a 106ft x 298gt / 372gt itc Uninspected Commercial Towing Vsl harbor assist svc on inland route with a total crew of 4.

Examined vsl using UTV form 001 (6/09). Vsl was found in compliance w/current applicable laws and regulations. Conducted sat operational testing of vsl installed fire pump, machinery space fire alarm and general alarm.

Vessel was found in compliance with MTSA and utilized ASP, approved by MSC. Crew was knowledgeable. Reviewed communication, restricted areas, monitoring, training, and procedures.

00 def's issued, 00 def's cleared, 00 def's remain outstanding.

UTV safety decal was issued. Exam complete.

01 Oct 2010: Conducted Industry Initiated Exam. Issued 10 deficiencies, cleared one, nine remain outstanding.

On board vessel with vessel rep to conduct an Industry Initiated Exam. Inspected all vessel documents sat. Reviewed vessel logs and manuals. Conducted satisfactory drug and alcohol program audit. Inspected vessel for structural integrity. Conducted MTSA compliance inspection. Inspected navigation and safety systems, inspected for general health and safety, all lifesaving, pollution prevention. Vessel has a letter from the Coast Guard waiving the requirement for fixed or semi-portable fire suppression equipment because vessel is used solely for harbor assist. Also vessel has no EPIRB due to it never going outside of 3 miles from shore because it serves solely for harbor assist. Inspection continues.

R E Dubon, CWO2, USCG

04 October, 2010, CWO Dubon, Mr. Jim Hinde on board vessel with vessel rep to conduct the rest of the Industry Initiated Exam. Completed inspection of all firefighting, engine room and towline and terminal gear and complete exam. Nine deficiencies pend as per the inspection tab. Inspection complete.

R E Dubon, CWO2, USCG

Insp Type: Industry Initiated Exam/MTSA

Vsl Type: 99 ft, 160 GRT, steel monohull, oceans route, UTV

Preparation: A review of the MISLE indicated (0) outstanding inspections deficiencies and (0) relevant inspection notes.

08MAR10: Attended vsl moored at pier-21 and met with vls rep Jimmy Pontin to discuss scope of exam.

Commenced UTV exam to include inspection of documents, bridge, nav safety, lifesaving, pollution prevention, firefighting protection and suppression, towline and terminal gear equipment IAW UTV Form 001. Issued (08) Work list items, cleared (00), (08) remain. Commenced MTSA examination to include documentation, communications and physical security measures. Issued (03) CG-835s, cleared (00), (03) remain.

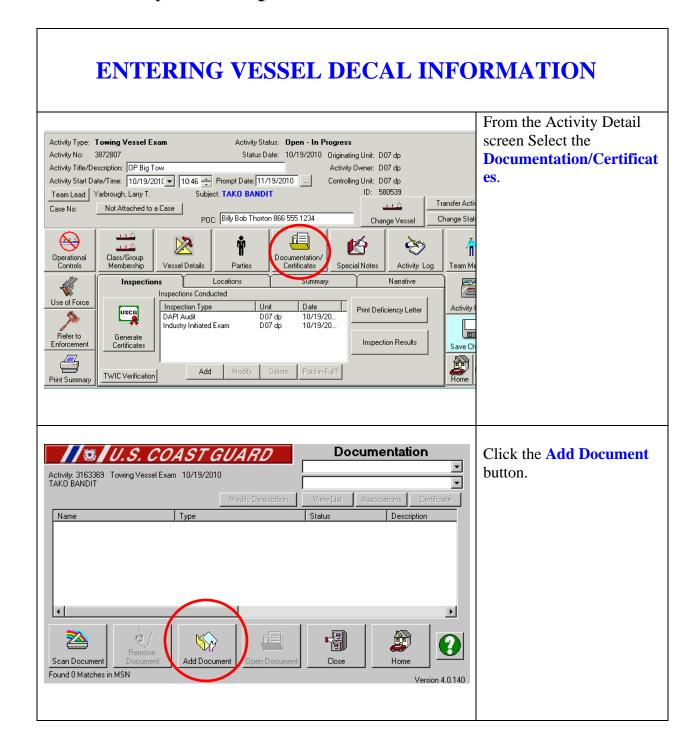
LT D. Trent, MST2 R. Strathern.

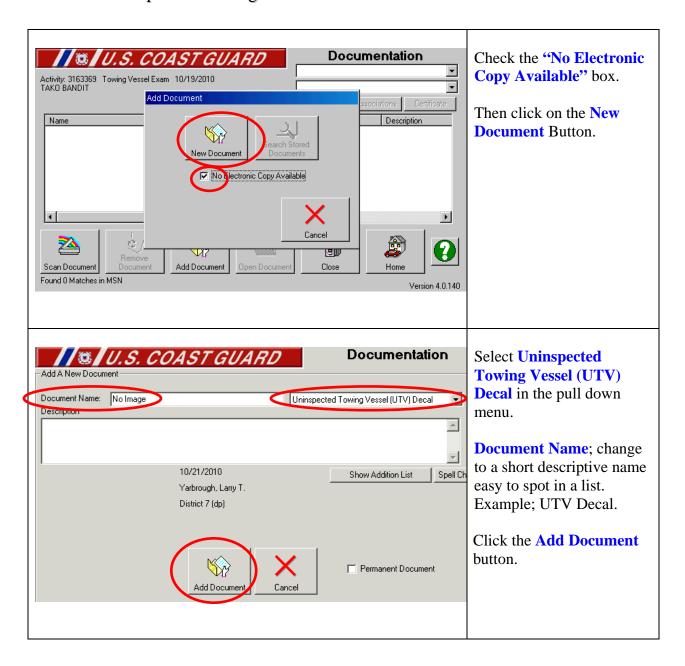
12MAR10: attended vsl as before to witness completion of outstanding deficiencies. Cleared (09) items and rescinded (02), (00) remain outstanding.

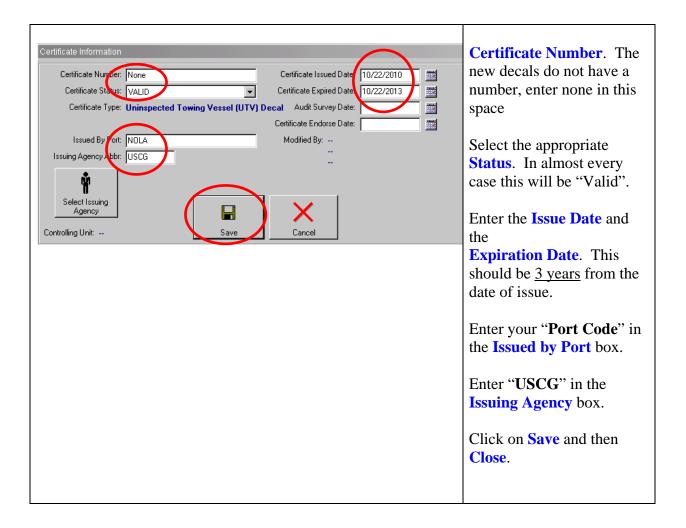
In my opinion this vessel is in substantial compliance with all applicable regulations at this time. Issued UTV decal.

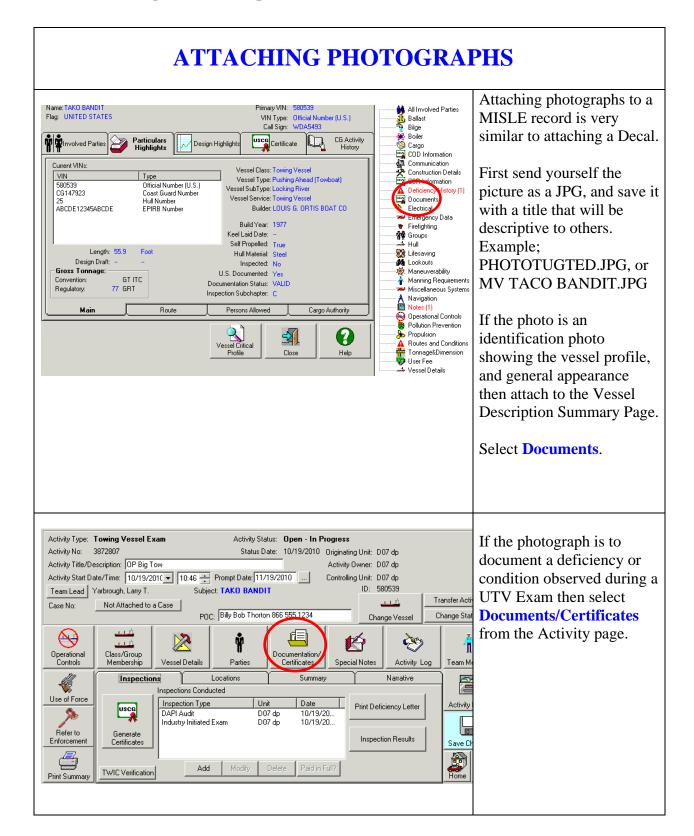
LT D. Trent

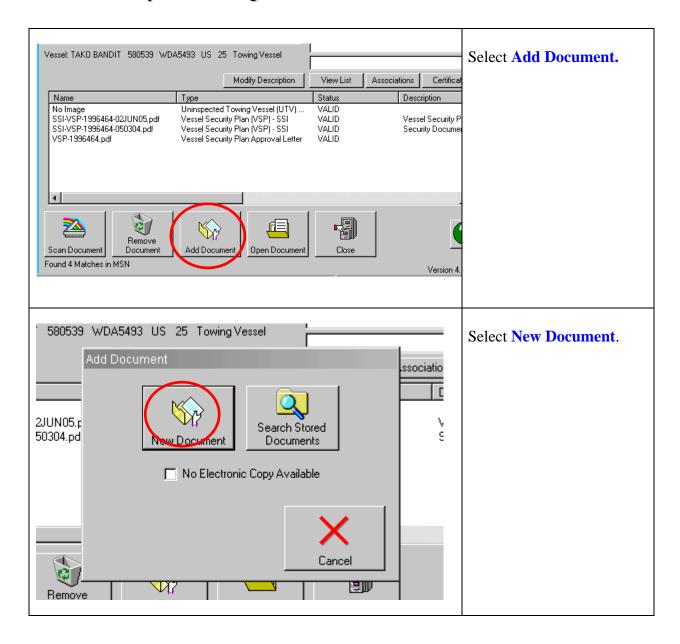
This inspection was conducted in accordance with applicable laws, regulations and policies set forth in the Marine Safety Manual, NVIC 04-03, current instructions, directives and notices. UTV Form 001 and NVIC 04-03 encl 7 were referenced as a job-aid.

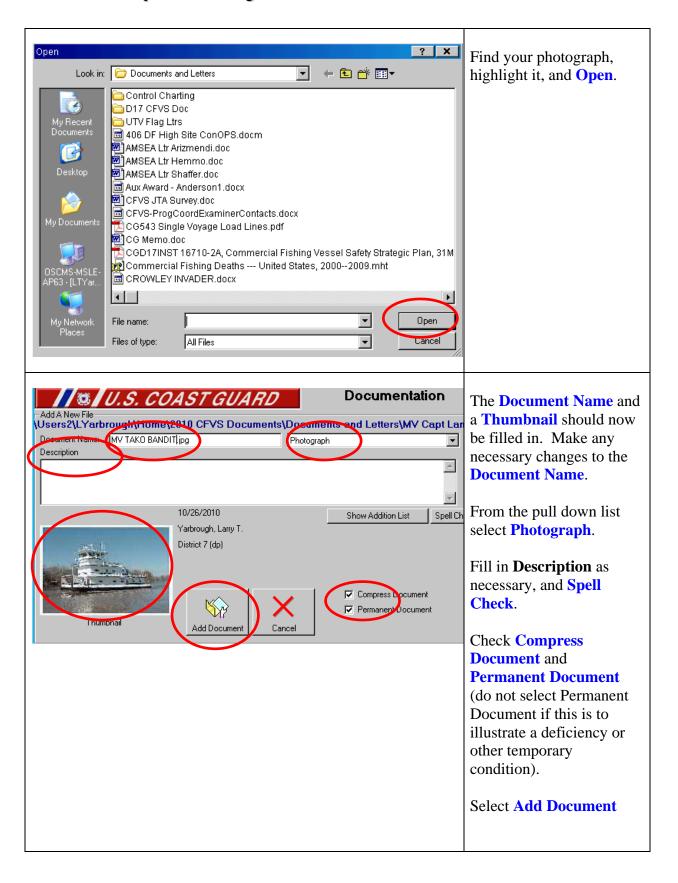


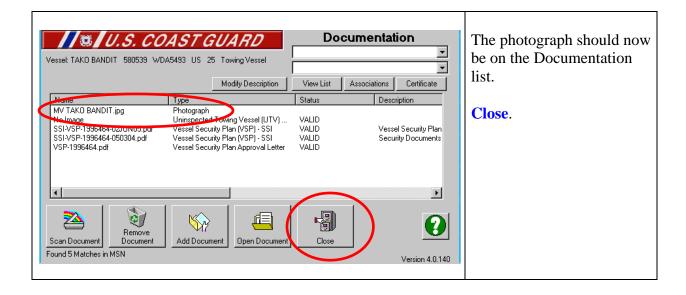




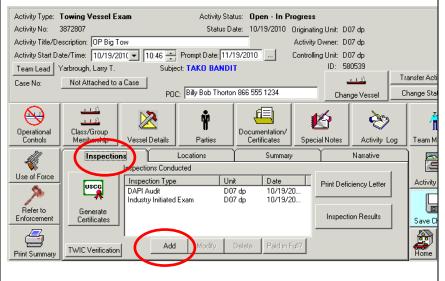








DOCUMENTING FOLLOW-UP EXAMINATIONS

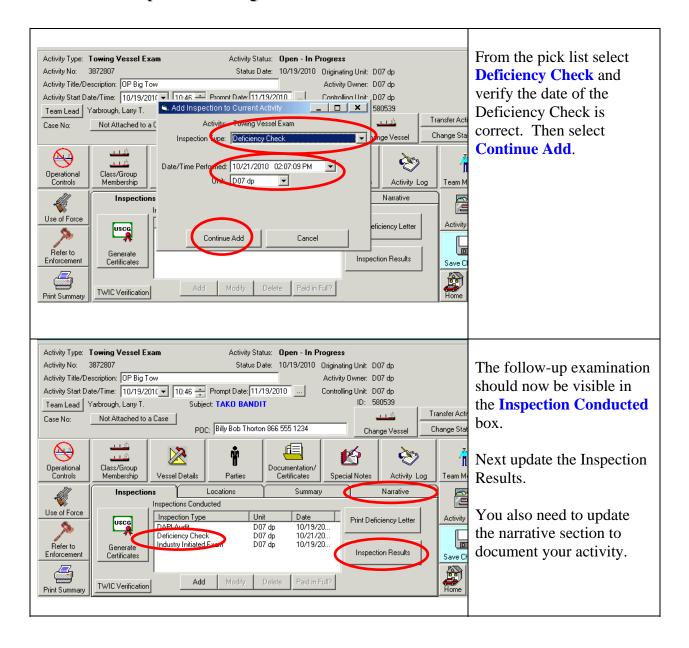


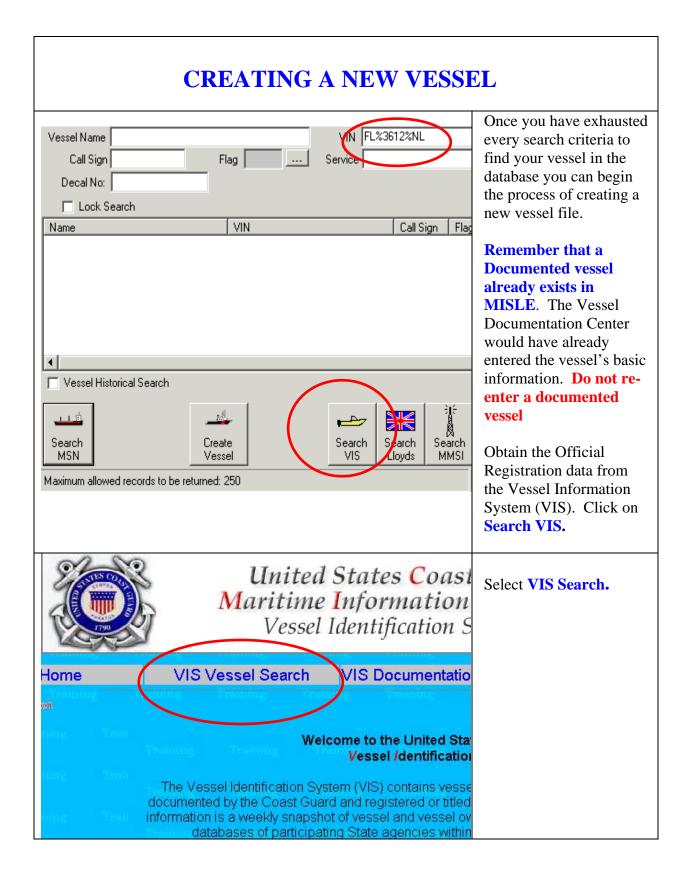
Anytime you return to a vessel within 30 days of the initial examination or re-examination you should go to the Activity Detail screen and open the original activity using the search function or by entering the activity number.

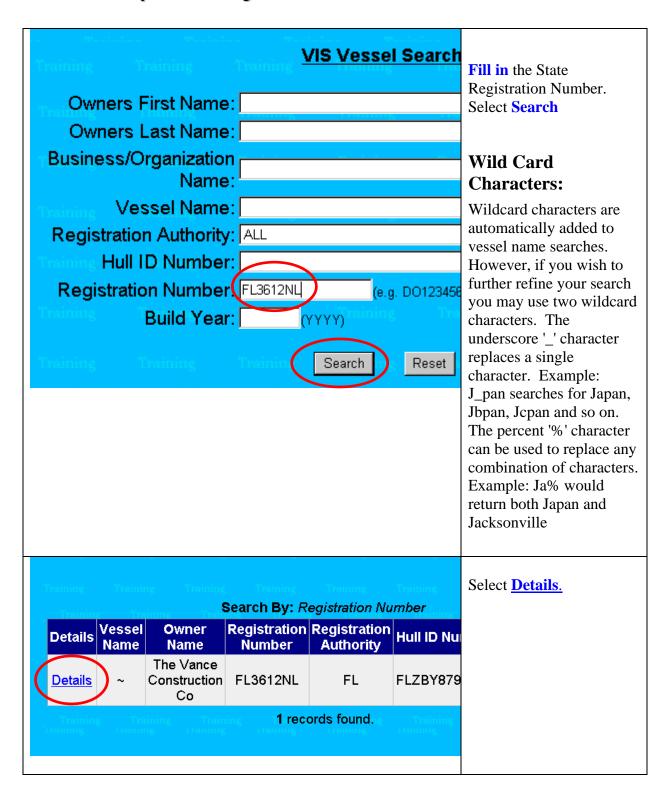
Note: An exam may remain open for up to 90 days while an issue is appealed to headquarters.

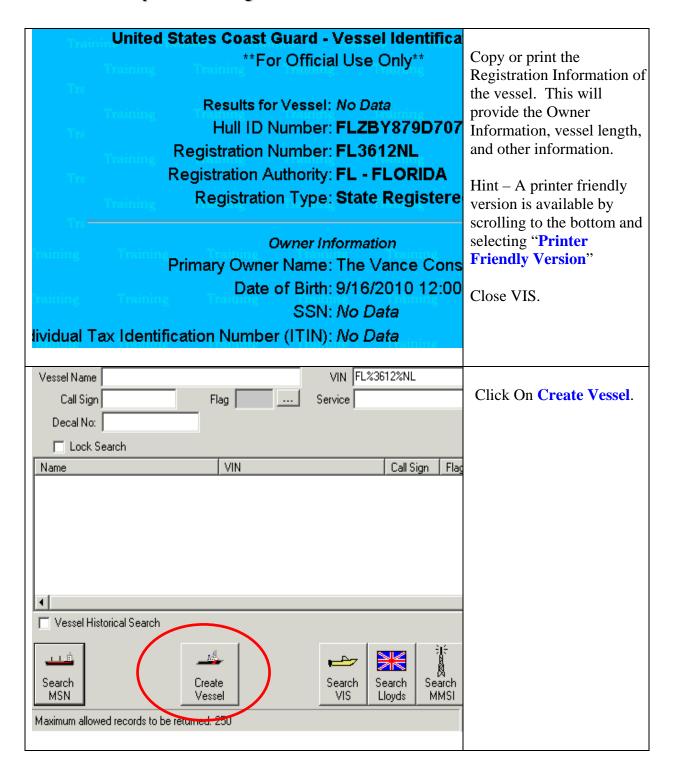
Select the **Inspection** tab and click on **Add**.

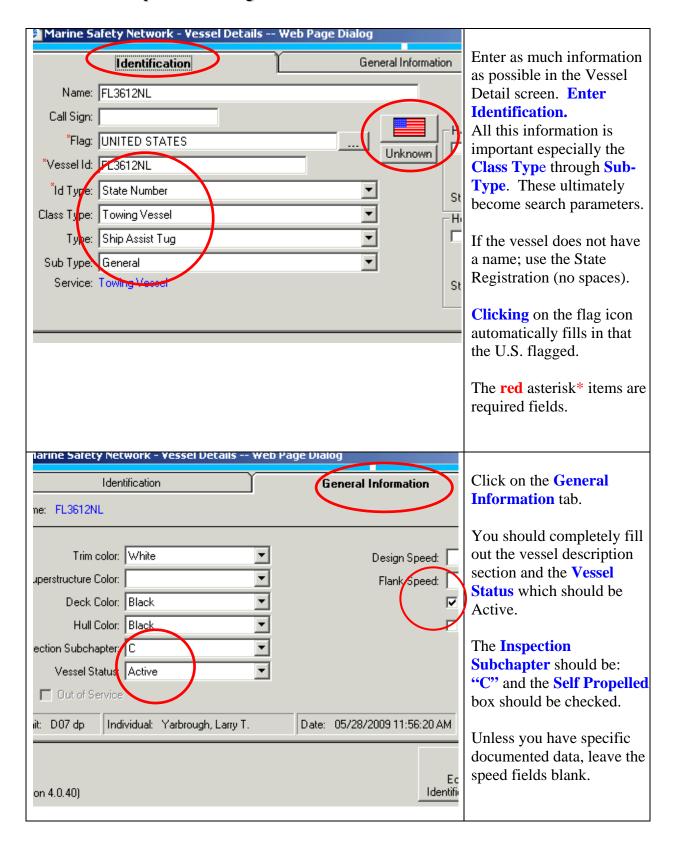
If the Follow-up Examination is being done by a unit other than the original examining unit or more than 30 days have elapsed, create a new Activity.

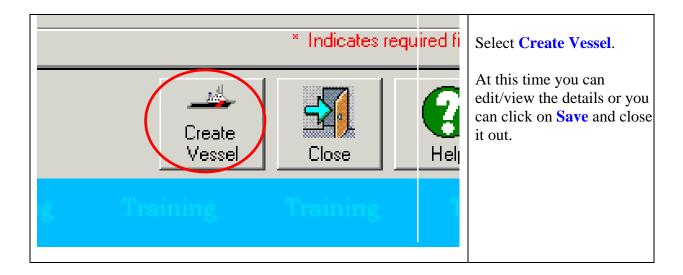


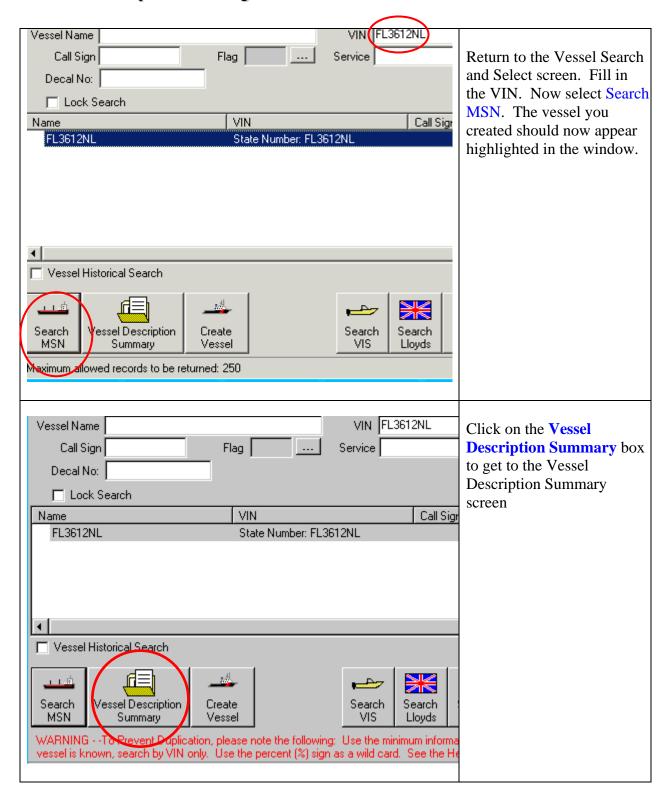


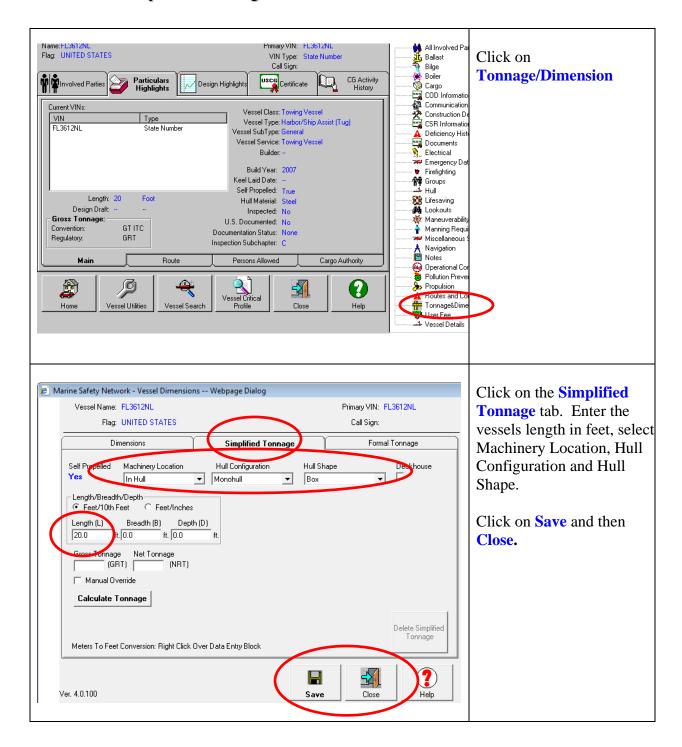


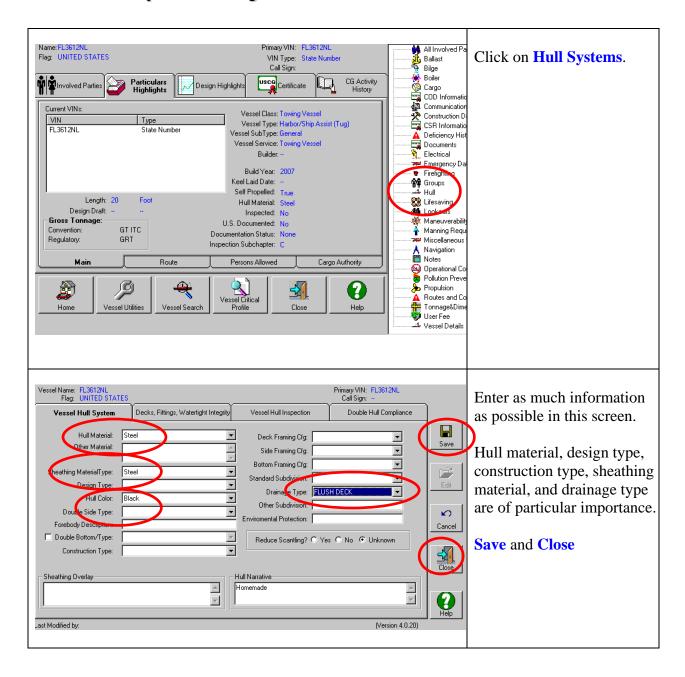


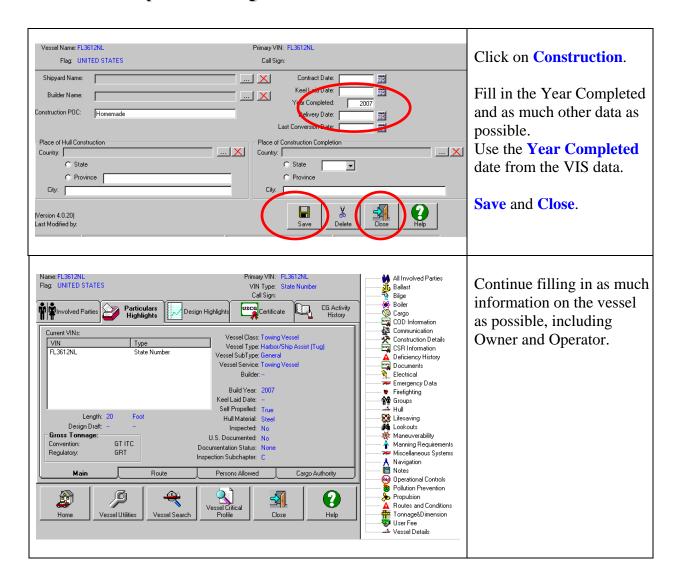




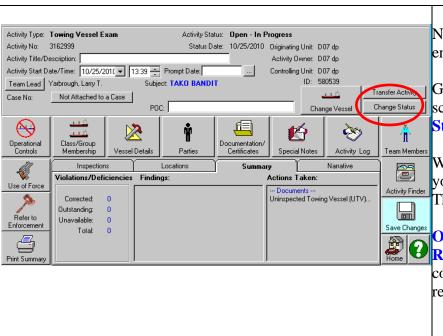










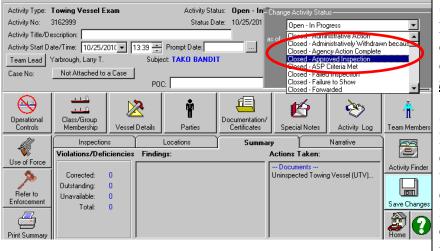


Now you have completed entering the Activity.

Go to the Activity Detail screen and click on Change Status

When you open the pick list you will have many choices. These are the most common:

Open Submitted for Review: Examination complete, activity forward to reviewing authority.



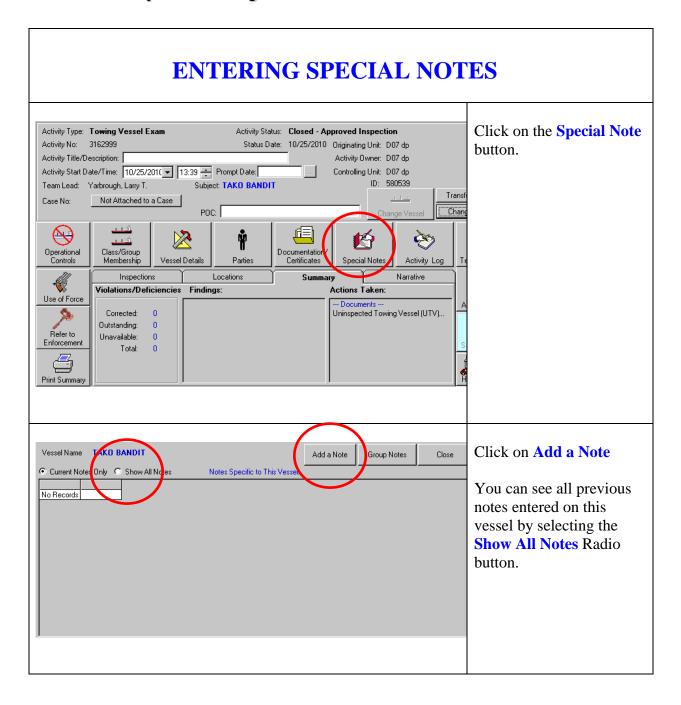
Closed - Approved Inspection: Examination complete, no outstanding deficiencies and <u>decal</u> issued.

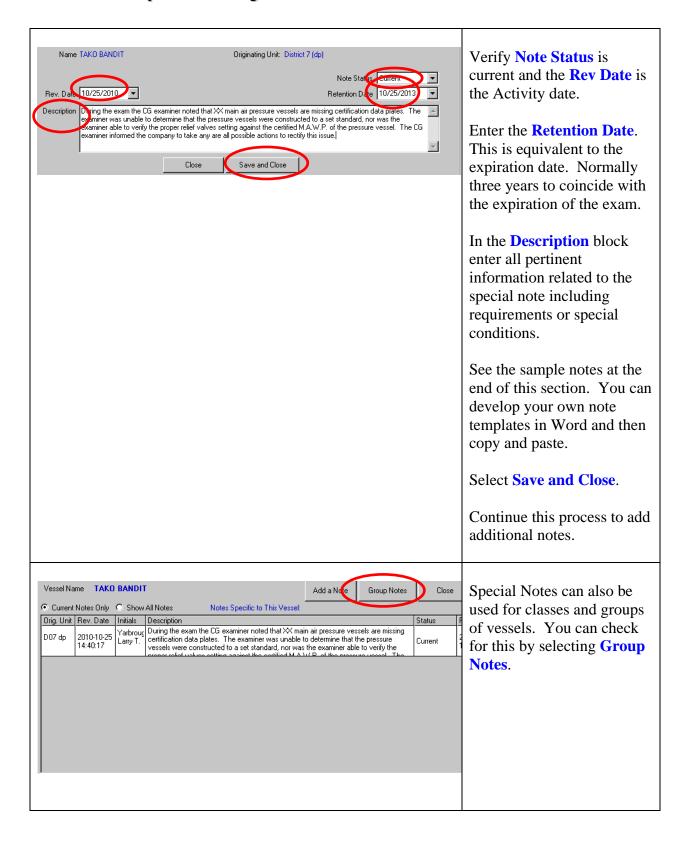
Closed- Failed Inspection:

Inspection complete, deficiencies issued and vessel did not qualify for a decal within 30 days. After 30 days the case should be closed. If the vessel requests action after the activity is closed a new activity should be opened.

Open in Progress: Case status pending resolution of issues. This is normally the 30 days between the examination and case closure.

| completed. The reason should be documented in the narrative. This action should be rarely used. | | the narrative. This action |
|---|--|----------------------------|
|---|--|----------------------------|





SAMPLE SPECIAL NOTES

MTSA verification.

The UTV XXX is consistently used as a fleeeting/lock-assist/horbor assist vessel and although it has a VSP plan, is technically exempt from MTSA requirements in 33 CFR 104.105-11. MTSA verification was conducted since subject vessel has VSP.

The UTV XXX showed proof of Fire Detectiona System Certification Documentation by a Professional engineer.

P/V Missing Certification Plates

During the exam the CG examiner noted that xx main air pressure vessels are missing certification data plates. The examiner was unable to determine that the pressure vessel was constructed to a set standard, nor was the examiner able to verify the proper relief valves setting against the certified M.A.W.P of the pressure vessel. The CG examiner informed the company representative of this potential safety hazard and strongly encouraged the company to take any and all possible actions to rectify this issue.

P/V Internal Inspection

Recommend the company conduct internal examination of all pressure vessels

P/V no relief valve

XX (main air) (clutch air) pressure vessels missing pressure relief valve. (Install) / (Provide Proof of Installation) prior to placing pressure vessel into service.

P/V relief valve set higher than the pressure vessel M.A.W.P

XX (main air) (clutch air) pressure relief valves set higher than the XXX M.A.W.P as designated on pressure vessel certification plate. XX pressure relief valves set at XXX PSI (Repair / Replace) pressure relief valve to set PSI at or under M.A.W.P

Emergency Fuel shut off valve not in proper location

(Port / Starboard) (Main engine / Generator), emergency fuel shut off valve location not IAW 46 CFR 27.207. Relocate emergency fuel shut off valve to the satisfaction of CG Examiner.

P/V no certification plates

A potential safety hazard exists due to XX (main air) (clutch air) air pressure vessels missing certification data plates. The CG examiner was unable to determine that the pressure vessels were constructed to a set standard, nor was the examiner able to properly verify the pressure relief valves setting against the certified M.A.W.P of the pressure vessel. It is strongly recommended that the company take any and all possible actions to rectify this issue. During the exam the CG examiner noted that xx main air pressure vessels are missing certification data plates. The examiner was unable to determine if the pressure vessels were constructed to a set standard, nor was the examiner able to verify the proper relief valves setting against the certified M.A.W.P of the pressure vessel. The CG examiner informed the company representative of this potential safety hazard and strongly encouraged the company to take any and all possible actions to rectify this issue.

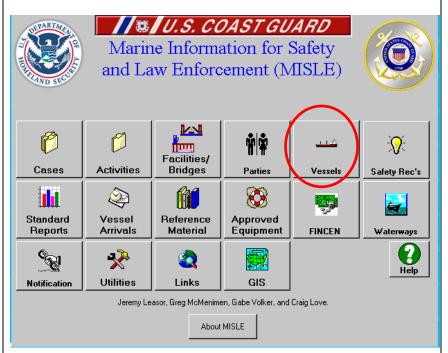
CEMS Implementation.

The UTV XXX exibited a fully functional Crew Endurance Managemnt System (CEMS), as outlined in enclosure (1) to NVIC 02-08. The vessel has: (1) established a Crew Endurance Workgroup, (2) Has an analysis of the Curent Situation and identified the Risk factors, (3) Developed a Crew Endurance Plan (CEP), (4) Implementied the CEP, and (5) Evaluation the results.

Safety Management System

The UTV XXX exibited a Safey Management System / enrolment and implementation of the AWO Responsible Carrier Program (RCP) / non SMS Safety Program in place.





The ability to enter a group or class notes is a powerful management tool. As you review this feature you will see how units have used it to enhance their vessel management capability.

From the main menu select the **Vessels** button.



Select Groups, Fleet, Classes

