5710 Water Fire Extinguishing And Deck Washing System

# NB518:

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| Question | Answers |
| Are you satisfied with the technical output and choises of the system? | * Design: Generally yes. |
| Rules requirements : Easy/hard? Everything fulfilled? Issues with class worth mentioning? | * Design: Rules are fulfilled, no issues with Class. USPH requirements were not clear in first hand. Fulfilled in two steps so not efficiently. It would have been better to add the required features in the very beginning. |
| Material (purchase, logistics, budget) : Your experience and feedback? | * Design: final costs within budget, purchase of standard material item is not a very clear process. |
| Drawings (schedule, comments received, changes..) : Lessons learned? | * Design: - USP requirements (system to incorporate fixed shore connections with back-flow preventers to fulfill USPH rules. The back flow preventer assembly must be complete with isolating valves and test valves to allow testing. This assembly requires space and proper drainage. - Location of fire hydrants needs to be clear. 1 added fire hydrant on deck 2 was built by Almaco on the wrong side of the bulkhead. It would have been necessary to specify a recess on the drawing or move the valve to the accessible side (though it is obvious that a fire hydrant hidden behind a cabin is useless. |
| Communication (internal and external), Co-operation with different parties (In own team, other design teams, subcontractors, production, suppliers, TK.. ) | * Design: Generally no issues. A little more communication during the detail design phase with TK would have prevented the situation described in point above. |
| Comparison to NB516-517 - did we learn? | * Design: Nothing new except for the extended length of the fire zones. |