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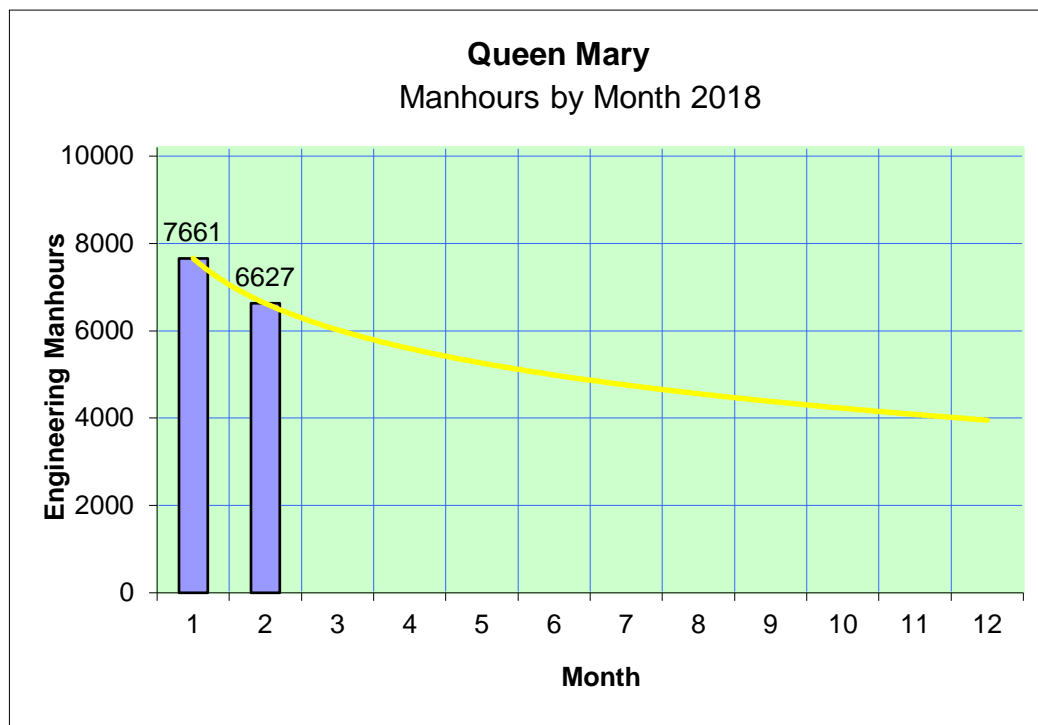
March 28, 2018

The following is Inspection Report #374. The inspection of the property was conducted March 28, 2018.

**I. OVERVIEW**

For the month of February manpower to implement the Base Maintenance Plan totaled 6,627 manhours. This represents a 13.5% decrease in manpower from January. It would be prudent to have the requested Base Maintenance Plan correlated to manpower needs for its implementation. The breakdown by department is below.

Carpentry	312	Manhours
Electrical	312	
Groundskeeper	800	
Maintenance	1,680	
Painting	136	
Plumbing	237	
Engineer	353	
Custodian	2,767	



## II. LEGAL AND CODE COMPLIANCE

- A. Compliance with Legal Requirements  
All permits are current. No activity necessary this period.

## III. SHORESIDE FACILITIES

- A. Entrance  
No activity this period.
- B. Pavement  
No activity this period.
- C. Utility Connections  
No activity this period.
- D. Gangways  
No activity this period.
- E. Queens Marketplace  
No activity this period.
- F. Dome  
In Report #372, I expressed my concern that the planned suspension of items from the structure needed to be reviewed by a structural engineer. The plan and engineers report were provided by Carnival Cruises and the suspended display is structurally sound.
- G. Landscaping  
No activity this period.

## IV. SHIPBOARD

- A. Safety  
Lighting in the backstage corridors and stairwells remains unlit due to Dark Harbor personnel removing light bulbs or disconnecting fixtures. This was addressed in the previous report and an Action Item attached.  
**ACTION ITEM, (Fourth request):** Engineering shall replace fixtures and bulbs at all locations, and remove any props or other items blocking doors, stairs or exit lights.
- B. Food Facilities  
No activity this period.
- C. Exiting and Signage  
No activity this period.

- D. Interior Architecture and Antiquities  
No activity this period.

## V. STRUCTURAL

- A. Maintenance and Protective Coatings  
No activity this period.
- C. Inspections  
No activity this period.
- D. Modifications  
No activity this period.

## VI. CORROSION

- A. Corrosion Control Systems  
**ACTION ITEM (Third Request):** Engineering Dept. to provide a copy of the Corrosion Consultant contract and any reports from the new consultant.
- B. Vessel Exterior  
Hull painting is continuing on both port and starboard sides. See Photo No. 1.
- C. Wetted Hull and Propeller Box  
No activity this period.
- D. Decks  
Although the replacement of decking with new wood has been delayed, routine maintenance of the existing decks should continue on a regular, (daily), basis. During each inspection, I find the same damaged areas remain unrepaired. I also find many of those areas descending into worse condition. One such area of teak on the Sun deck, near the executive offices has detached from the deck. See Photos Nos. 2 and 3.
- E. Moorings  
No activity this period.
- F. Expansion Joints  
I received a drawing depicting the method of expansion joint repair. However, I had submitted a number of questions related to why this particular method is being used. I have not received responses to those questions.  
**ACTION ITEM (Third request):** Urban Commons shall provide an explanation of the logic of adding a drain to the expansion joint repair.
- G. Bilges  
In previous reports I had noted the apparent failure of the rust inhibitor used on the bilges. A report from the inhibitor manufacturer, Maxon, concluded that improper surface preparation was the cause of rust beneath the coating. This is an issue that must be addressed with the contractor and additional verifications made of his work prior to application of the product. The job must be re-done.

**VII. MECHANICAL**

- A.** Air Handling Equipment  
No activity this period.
- B.** Piping and Plumbing  
No activity this period.
- C.** Bilge Pumping System  
No activity this period.
- D.** Sewage System  
A sewage leak, resulting from the failure of a 6" elbow, flooded the bilge with raw sewage for the second time in recent years. Contractors are cleaning and sanitizing the area. See Photos Nos. 4 and 5. The city's Risk Manager and City Safety Officer have engaged a 3<sup>rd</sup> party environmental consultant, including an industrial hygienist, to oversee the work being done by Urban Commons. It is recommended that a plumbing specification, or set of standards, be agreed upon for all repairs and replacements going forward.
- E.** Steam Plant  
No activity this period.

**VIII. ELECTRICAL**

- A.** Scheduled Maintenance  
No activity this period.
- B.** Code Compliance  
No activity this period.

**IX. SPECIAL AREAS**

- A.** Exhibits  
No activity this period.
- B.** Masts and Rigging  
No activity this period.
- C.** Stacks  
No activity this period. The two forward stacks remain unpainted.
- C.** Elevators  
No activity this period.
- E.** Moat  
Staff has received a proposal for periodic moat cleaning from a local contractor. I have reviewed it and sent my comments to John Thomas for his consideration.

**X. SHIP AESTHETICS**

- A.** Aesthetic Quality  
No activity this period.
- B.** Housekeeping  
No activity this period.
- C.** Decorative Lighting  
No activity this period.
- D.** Lifeboats  
No activity this period.
- E.** Bird and Pest Control  
Weekly service was provided for pest control throughout the property.

**CONCLUSION**

Any areas noted in this report as requiring attention, will be followed up in future reports.

Respectfully,



Edward M. Pribonic, P.E.

