



03-10

**REPORT OF THE GENERAL MANAGER
BOARD OF DIRECTORS
MEETING OF FEBRUARY 12, 2010**

The Honorable Board of Directors
Golden Gate Bridge, Highway and Transportation District

Honorable Members:

**EMERGENCY ACTION OF THE GENERAL MANAGER RELATIVE TO
EMERGENCY REPAIR OF THE MAIN ENGINE OF THE *M. V. NAPA***

Pursuant to Public Contract Code Section 22050, the General Manager has been granted the authority to waive the competitive bidding process and to approve procurement of necessary equipment, services and supplies, and to repair or replace District facilities in the event of a declared emergency. The General Manager is to report back to the Board of Directors (Board) when such an emergency action is taken. Board approval is required for any contracted work in excess of \$100,000.

On Thursday, December 17, 2009, a turbocharger on the port forward main engine on the *M.V. Napa* failed due to the ingestion of valve seat material from a heat-damaged cylinder head. The problem was immediately corrected by Ferry Maintenance staff, and the vessel resumed full service. The following week, the same turbocharger failure occurred, but the root cause was traced back to a different, but equally damaged, cylinder head. Further investigation revealed a third heat-damaged cylinder head which was replaced before progressive damage to the turbochargers occurred. After consultation with the engine manufacturer on December 29, 2009, it was determined that immediate replacement of all cylinder heads on the port forward main engine was necessary to prevent very costly progressive damage and downtime to the vessel.

The repairs were required to be effected as quickly as possible, as prolonged three-engine operation is detrimental to the vessel's propulsion systems. Therefore, it was necessary to undertake an emergency procurement of the required repairs to prevent the immediate interruption or cessation of District fast ferry services. Presently, the Ferry Division cannot provide a backup high-speed vessel to assume the *M.V. Napa's* schedule.

The engines on the *M.V. Napa* are Detroit Diesel 16 cylinder series 149 engines. These engines have historically been serviced and repaired by either the local Detroit Diesel factory authorized dealership, or if the repair is of limited scope, by Ferry Division's Maintenance staff.

EMERGENCY ACTION OF THE GENERAL MANAGER RELATIVE TO EMERGENCY REPAIR OF THE MAIN ENGINE OF THE *M. V. NAPA* (continued)

The local Detroit Diesel/MTU factory-authorized dealership in the Bay Area is Valley Power Systems North, Inc. (VPSNI). It is critical that the repair work be performed by a factory-authorized dealership in order to obtain a warranty on both parts and labor in addition to the Detroit Diesel/MTU factory warranty on any progressive damage. The Detroit Diesel/MTU progressive damage warranty will cover the total loss of an engine, if the failure was due to a Detroit Diesel/MTU factory part installed by a factory-certified mechanic from a factory-authorized dealership.

Based on the facts outlined above and because of the extent of the repairs, staff authorized VPSNI to begin removing and replacing the remaining twelve cylinder heads on the port forward main engine of the *M.V. Napa* on January 2, 2010. Examination of the old components revealed damage and excessive wear as predicted by the factory's technical staff. The total cost is \$40,554.53, including parts, labor, and sales tax and will be charged against the FY 09/10 Ferry Division Capital Budget. Staff has determined that the price invoiced by VPSNI is fair and reasonable. The quote was analyzed in relation to internal estimates and work performed by other engine manufacturers.

This item is informational and is reported to the Board in compliance with the District's policy regarding emergency procurements.

PRESENTATIONS BY DISTRICT STAFF FOR THE MONTH OF JANUARY 2010

For the month of January, District staff made speeches and/or presentations to community groups/interviewers interested in the District. The following presentation was made in the month of January:

PRESENTATION TO:	PRESENTED BY:
Marin Environmental Forum	Ron Downing

SPECIAL EVENT/EXPRESSIVE ACTIVITY REQUESTS

Below are the dates, times and sponsoring agencies of special events and expressive activities for which permits have been sought. The following applications were received since last reported to the Board in the January 22, 2010, Report of the General Manager:

Event Date	Event Title	Location	Type*	Expected No. Participants
February 14, 2010	Bay Area Code Pink	East Sidewalk	EX	150

The types of permits: EX – Expressive Activity; SE – Special Event

EMPLOYEE OF THE MONTH – FEBRUARY 2010

After reviewing nominations submitted by District employees, the Employee of the Month Committee selected Maurice Palumbo, Principal Planner in the Planning Department, as the Employee of the Month for February 2010.

Mr. Palumbo receives this prestigious award in recognition of his expert knowledge of Transportation planning and engineering. Mr. Palumbo is a highly respected individual amongst his fellow co-workers for his knowledge of traffic control and engineering to help: the District's Bus Transit system run efficiently and effectively while out on city and county roads and the highway; District's Ferry Division to develop parking solutions at Larkspur; and District's Bridge Division for traffic control. Mr. Palumbo's co-workers have commented that he takes time out of his busy day to answer any question in detail so that the individual will have a full spectrum of the answer. Mr. Palumbo received recognition by current General Manager Celia Kupersmith in 2005 for his work performed evaluating turning characteristics of Golden Gate Transit's MCI coaches.

Mr. Palumbo joined the District in April 1996 as a Senior Planner in the Planning Department and promoted to his current position in February 2001. Prior to District employment, he worked as an Office Manager and Senior Transportation Engineer for Gannett Fleming in San Francisco, Associate Transportation Planner for Wilbur Smith Associates in San Francisco and a Lead Transportation Engineer for Parsons in Boston, MA.

Mr. Palumbo was born in Madison, WI, and went to Istituto Tecnico High School in Pisa, Italy, and later to Polytechnic Institute University of New York and achieved a degree of Bachelors of Science in Civil Engineering and a Masters of Science Degree in Transportation Planning and Engineering. Mr. Palumbo and his wife, Gayle, reside in Greenbrae since 1998 with their two children, Massimo and Michelle. In his spare time, Mr. Palumbo's hobbies include travel, stamp and coin collecting, calligraphy, photography, downhill skiing, cycling and international soccer. A registered California Traffic Engineer, Mr. Palumbo also is a member of Institute of Transportation Engineers, National Committee on Uniform Traffic Control Devices, AASHTO subcommittee on Traffic Engineering, and TRB Parking Management subcommittee.

EMPLOYEE OF THE YEAR FOR 2009

The Employee of the Month Committee met and selected Systems Administrator – PC Support Joe Leong, District Division, as the *Employee of the Year for 2009*.

Mr. Leong was the Employee of the Month for June 2009, and was nominated by his fellow co-workers for his efforts in fully understanding issues at hand and patiently walking users through in order to efficiently troubleshoot technical issues. Mr. Leong has a pleasant and calming attitude with a reassuring smile that is a welcome in a stressful situation.

Mr. Leong will be recognized by Board President Boro at the Board of Directors meeting on February 12, 2010.

Respectfully submitted,

Celia G. Kupersmith
General Manager

Attachments

CGK:ak:sp