

**AUTORIDAD DEL CANAL DE PANAMÁ
OPERATIONS DEPARTMENT**

OP'S ADVISORY TO SHIPPING No. A-03-2012

February 6, 2012

TO : All Shipping Agents, Owners, and Operators

SUBJECT: Monthly Canal Operations Summary – January 2012

1. Panama Canal Statistical Summary:

a. Transit Pilot Force	<u>294</u>
b. Pilots in Training	<u>6</u>
c. Tugs	<u>32</u>
d. Locomotives	<u>100</u>

2. Traffic Statistics:

	<u>Daily Average</u>	<u>High</u>	<u>Low</u>
Arrivals	38.97	50	19
Oceangoing Transits	38.55	45	34
Canal Waters Time (hours)	31.71	43.00	22.00
In-Transit Time (hours)	10.84	12.95	8.77
Oceangoing Transits:	<u>Total</u>	<u>Daily Average</u>	<u>Percentage</u>
Vessels of less than 91' beam	436	14.06	37.06
Vessels 91' beam and over	759	24.48	62.94
Total:	1195	38.55	
Vessels 100' beam and over	646	20.84	54.06
Vessels 900' length and over	149	4.81	12.47
Booking Slots:	<u>Available</u>	<u>Used</u>	<u>Percentage</u>
Large Vessels (beam 91' and over)	527*	394* ¹	74.76
Regular Vessels (beam less than 91')	248*	215* ¹	86.69

*Does not include additional auctioned booking slots

¹ Includes booked transits only

3. The following page provides the scheduled locks maintenance work and other items of interest to the shipping community.

4. This advisory will be canceled for record purposes on February 29, 2012.

ORIGINAL SIGNED

Manuel E. Benítez
Executive Vice President of Operations

AUTORIDAD DEL CANAL DE PANAMÁ
OPERATIONS DEPARTMENT

3654 (OPXI)
v. 28-01-2011

OP, February 6, 2012

Subject: Monthly Canal Operations Summary – January 2012

<i>SCHEDULE OF LOCKS MAINTENANCE WORK FOR FY-2012</i>						
Dates	Days	Miraflores	Pedro Miguel	Gatun	Estimated Transit Capacity ¹	Status
April 16-25, 2012	10			West Lane	26-28	Tentative

¹The normal transit capacity of the Panama Canal is 38-40 vessels per day, depending on vessel mix and other factors. This capacity is reduced during locks maintenance work, as indicated in the above table. Consequently, vessels may experience delays in transiting. Normally, during these periods, the Panama Canal Transit Reservation System slots are fully utilized. Whenever a set of locks requires a major outage of one of its two lanes for dry chamber inspection, miter gate repairs, tow track work or other major maintenance/improvement projects, advantage may be taken of this requirement to perform simultaneous single lane outages for additional maintenance at other locks.

Anil K. Chopra confirmed to speak at Panama’s Engineering Congress

Earthquake analysis, design and safety evaluation of concrete gravity dams to be discussed

University of California, Berkeley Professor Anil K. Chopra has been confirmed as a notable presenter to speak at the “Panama Canal 2012 International Engineering and Infrastructure Congress.” The first-ever Engineering Congress, organized by the Panama Canal Authority, will be held April 18 – 20 in Panama City.

This Congress will convene with more than 40 experts from 10 countries, to discuss large scale projects and future trends in the maritime industry. During the first session, Chopra will present an earthquake analysis as well as design and safety evaluations of concrete gravity dams.

“We are excited to have Anil Chopra join the dynamic panel of speakers at our Engineering and Infrastructure Congress this April,” said Alberto Alemán Z., Panama Canal Authority CEO. “His insight will be very beneficial to attendees with backgrounds in geotechnical, structural and civil engineering.”

Chopra's research has included structural dynamics, problems in earthquake analysis and design of buildings, dynamic soil-structure interaction, dynamic fluid-structure interaction, and earthquake analysis and design of concrete dams. As a civil engineering professor and former chairman of the American Society of Civil Engineers, he has published several papers on this work. International Water, Power & Dam Construction magazine listed him among the 60 most influential individuals over the past 60 years (2009), and again among the 20 such individuals over the past ten years (2011).

During the International Engineering Congress, other design and project management experiences will be shared such as the hydroelectric project of Tocoma in Venezuela, the failure of the New Orleans levees during Hurricane Katrina, the main dredging projects in the world; and foundations for the tallest buildings in the world.