

**AUTORIDAD DEL CANAL DE PANAMÁ
EXECUTIVE VICE PRESIDENCY FOR OPERATIONS**

ADVISORY TO SHIPPING No. A-07-2013

April 3, 2013

TO : All Shipping Agents, Owners, and Operators

SUBJECT: Monthly Canal Operations Summary – March 2013

1. Panama Canal Statistical Summary:

a. Transit Pilot Force	<u>287</u>
b. Pilots in Training	<u>8</u>
c. Tugs	<u>37</u>
d. Locomotives	<u>100</u>

2. Traffic Statistics:

	<u>Daily Average</u>	<u>High</u>	<u>Low</u>
Arrivals	33.68	46	24
Oceangoing Transits	33.52	41	28
Canal Waters Time (hours)	21.57	26.42	16.97
In-Transit Time (hours)	10.06	11.15	8.06
Oceangoing Transits:	<u>Total</u>	<u>Daily Average</u>	<u>Percentage</u>
Vessels of less than 91' beam	375	12.10	36.09
Vessels 91' beam and over	664	21.42	63.91
Total:	1039	33.52	100
Vessels 100' beam and over	564	18.19	54.28
Vessels 900' length and over	143	4.61	13.76
Booking Slots:	<u>Available</u>	<u>Used</u>	<u>Percentage</u>
Large Vessels (beam 91' and over)	527*	289* ¹	54.84
Regular Vessels (beam less than 91')	248*	135* ¹	54.44
Regular Vessels (up to 300' in length)	1	1	100.00
Auctioned booking slots	2	0	0

*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 April 30, 2013.

ORIGINAL SIGNED

Esteban G. Sáenz
Executive Vice President for Operations

AUTORIDAD DEL CANAL DE PANAMÁ
EXECUTIVE VICE PRESIDENCY FOR OPERATIONS

3654 (OPXI)
v. 28-01-2011

OP, April 3, 2013
Subject: Monthly Canal Operations Summary – March 2013

<i>SCHEDULE OF LOCKS MAINTENANCE OUTAGES FOR FY-2013</i>						
Dates	Days/Hrs	Miraflores	Pedro Miguel	Gatun	Estimated Transit Capacity ¹	Status
January 28, 2013	19hrs			East Lane	29-31	Completed
January 31, 2013	16hrs			East Lane	29-31	Completed
February 4, 2013	16hrs			West Lane	29-31	Completed
February 7, 2013	16hrs			West Lane	29-31	Completed
July 8-19, 2013	12days	Centerwall Culvert			30-32	Tentative
August 19-28, 2013	10days	Centerwall Culvert			30-32	Tentative
August 20, 2013	12hrs			West Lane	32-34	Tentative
August 22, 2013	12hrs			West Lane	32-34	Tentative
September 17, 2013	12hrs			West Lane	32-34	Tentative
September 20, 2013	12hrs			West Lane	32-34	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.

Panama Canal Completes Expansion Program Dredging in Culebra Cut

The Panama Canal Authority (ACP) has completed the dredging to deepen and widen the navigational channels along Culebra Cut as part of the Expansion Program. This marks another important milestone for the Panama Canal expansion.

The dredging works began in March 2008, with the drilling by Panama Canal personnel on board the drill barge Baru.

“This important achievement fills with pride each man and woman that works within the organization,” Panama Canal Administrator Jorge L. Quijano said. “Gradually, we are completing all the projects that make up the Expansion Program.”

Culebra Cut is an area of difficult access due to the type of material and being the narrowest portion of the Canal’s navigational channel. ACP equipment used for this project included the dredges Mindi, Rialto M. Christensen and Quibian I, and the drill barges Thor and Baru, and in addition, contracted equipment was also used: the dredge II Principe, property of Belgian company Jan de Nul Group, and the dredge Cornelius, property of the Netherlands-based company Royal Boskalis Westminster N.V.

A total of 3.2 million cubic meters were removed during the deepening of Culebra Cut.

The Expansion Program also achieved another milestone, when the first million cubic meters of concrete were poured in the locks construction site on the Atlantic side. This represents 1,800 cubic meters of reinforced concrete poured in the wall of the southeast wing, at the point where the vessels will enter the locks from Gatun Lake.