



3654 (OPXI)
V. 4-2-2015

AUTORIDAD DEL CANAL DE PANAMÁ
EXECUTIVE VICE PRESIDENCY FOR OPERATIONS

ADVISORY TO SHIPPING No. A-17-2016

April 6, 2016

TO : All Shipping Agents, Owners, and Operators

SUBJECT: Monthly Canal Operations Summary – MARCH 2016

1. Panama Canal Statistical Summary:

a. Transit Pilot Force	<u>274</u>
b. Pilots in Training	<u>6</u>
c. Tugs	<u>46</u>
d. Locomotives	<u>100</u>

2. Traffic Statistics:

	<u>Daily Average</u>	<u>High</u>	<u>Low</u>
Arrivals	32.19	45	22
Oceangoing Transits	33.45	38	26
Canal Waters Time (hours)	31.24	46.62	19.93
In-Transit Time (hours)	11.84	14.46	10.00
Oceangoing Transits:	<u>Total</u>	<u>Daily Average</u>	<u>Percentage</u>
Vessels of less than 91' beam	304	9.81	29.32
Vessels 91' beam and over	733	23.65	70.68
Total:	1037	33.45	100.00
Vessels 100' beam and over	615	19.84	59.31
Vessels 900' length and over	139	4.48	13.40
Booking Slots:	<u>Available</u>	<u>Used</u>	<u>Percentage</u>
Large Vessels (beam 91' and over)	523*	460* ¹	87.95
Regular Vessels (beam less than 91')	246*	206* ¹	83.74
Regular Vessels (up to 300' in length)	6	6	100.00
Auctioned booking slots	26	15	57.69

*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 April 30, 2016.

ORIGINAL SIGNED

Esteban G. Sáenz
Executive Vice President for Operations

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SCHEDULE OF LOCKS MAINTENANCE OUTAGES							
Dates	Days/Hrs	Miraflores	Pedro Miguel	Gatun	Estimated Capacity	Expected Booking Condition	Status
29 March 2016	10 hours			West Lane **	30-32	1.a	Completed
9 April 2016	12 Hours			East Lane +	28-30	1.a	Confirmed
14 April 2016	4 Hours			East Lane +	32-34	1	Tentative
4-6 May 2016	2.5 days	West Lane *			22-24	2	Tentative
24-27 May 2016	4 days	West Lane *			22-24	2	Tentative
15-17 June 2016	2.5 days	East Lane *			22-24	2	Tentative
5-8 July 2016	4 Days	East Lane *			22-24++	2	Tentative
26-29 July 2016	4 Days		East Lane *		22-24++	2	Tentative
17-19 August 2016	2.5 Days			West Lane *	22-24++	2	Tentative
7-9 September 2016	2.5 Days			East Lane *	22-24++	2	Tentative

The normal transit capacity of the Panama Canal is 35-37 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. When the Panama Canal's capacity is expected to be reduced, a corresponding reduction in the number of available reserved transit slots may be ordered by the Canal Authority. 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 to perform simultaneous single lane outages at other locks.

**In order to perform caisson test.

* In order to perform scheduled dry chamber works.

+ In order to perform gate installation.

++The estimated capacity referred here is for the panamax locks. The total capacity of the Canal is expected to be greater once the neopanamax locks are in operation

Panama Canal Inaugurates Scale Model Maneuvering Training Facility, Announces Expansion Inauguration Date

The Panama Canal Authority (ACP) announced that the Panama Canal Expansion will be officially inaugurated on Sunday, June 26, 2016. The announcement was made during the inauguration ceremony of the Canal's state-of-the-art Scale Model Maneuvering Training Facility, which will provide additional hands-on training experience to pilots and tugboat captains to operate in the Expanded Panama Canal.

The President of Panama, Juan Carlos Varela, along with the Panama Canal Board of Directors Chairman, Roberto Roy, and other distinguished members of the Board, were in attendance at the inauguration ceremony.

"The Scale Model Training Facility will allow us to continue providing world-class service to the global maritime industry, while guaranteeing safe and efficient transits through the soon-to-be inaugurated Expanded Canal," said Jorge L. Quijano. "The dream of Expansion will become a reality when we inaugurate the biggest infrastructure project in the history of the Canal and the country of Panama."

The innovative 35.3-acre training facility features two lakes connected by a channel modeled after the Canal's Culebra Cut. The new facility features docking bays, replicas of the new and existing locks, gates, and chambers, all at a 1:25 scale.

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The facility is equipped with a number of meticulously created scale Panama Canal tugboats, as well as ships built in France at Port Revel, including a bulk carrier modeled after the Nord Delphinus, and a container ship modeled after the Maersk Edinburgh. A liquid natural gas (LNG) ship will be delivered by September 2016.

The facility features wave and wind generators to provide a realistic, hands-on training experience for Canal pilots and tugboat captains to prepare them for the opening of the expanded waterway. It is designed to complement the training already provided at the Research and Maritime Development Simulation Center (SIDMAR, Spanish acronym) through full mission, 360-degree training simulations and courses.

The Expansion Program is currently 97 percent complete. Final testing will be conducted in the following weeks, leading up to the official inauguration. Information related to the Expansion opening and inauguration, including media and non-media attendee registration, will be available on the Canal's website.