

**Panama Canal Laden and Ballast Traffic by Market Segment<sup>(1)</sup>**

**Fiscal Years 2017-2016**

Market Segment		LADEN						BALLAST						GRAND TOTAL	
		Northbound		Southbound		Total		Northbound		Southbound		Total		2017	2016
		2017	2016	2017	2016	2017	2016	2017	2016	2017	2016	2017	2016		
Container	Number of Transits	1,380	1,555	1,095	1,396	2,475	2,951	7	16	11	10	18	26	2,493	2,977
	PC/UMS Net Tonnage <sup>(2)</sup> (thousands)	83,559	63,759	58,719	55,642	142,278	119,401	138	244	198	155	336	399	142,614	119,800
	Total Cargo Tonnage (thousands)	31,864	21,882	21,782	17,770	53,647	39,651	8		1	-	9		53,656	39,651
Dry Bulk	Number of Transits	1,066	1,137	1,388	1,265	2,454	2,402	451	221	10	11	461	232	2,915	2,634
	PC/UMS Net Tonnage <sup>(2)</sup> (thousands)	25,466	26,769	37,815	31,978	63,281	58,747	15,766	6,930	88	123	15,855	7,053	79,135	65,800
	Total Cargo Tonnage (thousands)	35,150	36,562	60,733	52,927	95,883	89,488	358	37	-	-	358	37	96,241	89,525
Vehicle Carriers/RoRo	Number of Transits	441	437	262	284	703	721	9	9	89	79	98	88	801	809
	PC/UMS Net Tonnage <sup>(2)</sup> (thousands)	25,908	25,444	15,539	16,580	41,448	42,024	404	457	4,954	4,278	5,359	4,734	46,806	46,759
	Total Cargo Tonnage (thousands)	3,154	3,116	1,629	1,706	4,783	4,822	-	2	8	-	8	2	4,791	4,824
Chemical Tankers	Number of Transits	319	364	1,004	954	1,323	1,318	626	554	10	27	636	581	1,959	1,899
	PC/UMS Net Tonnage <sup>(2)</sup> (thousands)	5,852	6,447	21,895	19,989	27,746	26,437	14,646	12,834	80	349	14,727	13,182	42,473	39,619
	Total Cargo Tonnage (thousands)	7,257	8,548	32,041	29,740	39,298	38,288	151	31	15	-	166	31	39,464	38,319
Liquified Petroleum Gas	Number of Transits	14	6	440	221	454	227	418	221	4	1	422	222	876	449
	PC/UMS Net Tonnage <sup>(2)</sup> (thousands)	283	164	14,342	5,755	14,626	5,919	13,818	5,621	55	2	13,872	5,623	28,498	11,542
	Total Cargo Tonnage (thousands)	76	45	15,207	6,122	15,283	6,166	17	68	19	-	36	68	15,319	6,234
Crude Product Tankers	Number of Transits	40	80	312	292	352	372	263	199	13	11	276	210	628	582
	PC/UMS Net Tonnage <sup>(2)</sup> (thousands)	1,051	2,373	8,806	7,923	9,857	10,296	7,446	5,074	39	206	7,485	5,279	17,343	15,576
	Total Cargo Tonnage (thousands)	1,390	3,158	13,190	11,598	14,580	14,756	199	310	2	-	201	310	14,780	15,066
Liquified Natural Gas	Number of Transits	8	2	88	7	96	9	67	8	-	-	67	8	163	17
	PC/UMS Net Tonnage <sup>(2)</sup> (thousands)	838	198	9,359	681	10,197	878	6,894	628	-	-	6,894	628	17,092	1,507
	Total Cargo Tonnage (thousands)	457	120	5,894	430	6,351	550	9	-	-	-	9	-	6,360	550
Passengers	Number of Transits	91	77	154	132	245	209	2	2	3	2	5	4	250	213
	PC/UMS Net Tonnage <sup>(2)</sup> (thousands)	2,572	2,149	7,235	6,020	9,807	8,170	2	10	8	4	11	15	9,818	8,185
	Total Cargo Tonnage (thousands)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Refrigerated	Number of Transits	433	476	279	325	712	801	4	5	152	142	156	147	868	948
	PC/UMS Net Tonnage <sup>(2)</sup> (thousands)	4,240	4,540	2,878	3,257	7,118	7,798	20	41	1,312	1,201	1,332	1,243	8,450	9,040
	Total Cargo Tonnage (thousands)	2,760	2,912	515	428	3,274	3,340	-	-	-	-	-	-	3,274	3,340
General Cargo	Number of Transits	328	374	283	297	611	671	32	28	11	13	43	41	654	712
	PC/UMS Net Tonnage <sup>(2)</sup> (thousands)	4,238	4,579	3,232	3,511	7,471	8,090	224	204	113	125	338	330	7,808	8,420
	Total Cargo Tonnage (thousands)	2,325	2,334	2,710	2,512	5,035	4,846	-	-	3	-	3	-	5,038	4,846
Other	Number of Transits	401	437	172	193	573	630	350	352	883	754	1,233	1,106	1,806	1,736
	PC/UMS Net Tonnage <sup>(2)</sup> (thousands)	1,302	1,622	1,183	1,260	2,485	2,882	385	409	414	415	799	823	3,284	3,705
	Total Cargo Tonnage (thousands)	886	971	1,192	1,379	2,078	2,350	6				6		2,083	2,350
<b>Grand Total</b>	<b>Number of Transits</b>	<b>4,521</b>	<b>4,945</b>	<b>5,477</b>	<b>5,366</b>	<b>9,998</b>	<b>10,311</b>	<b>2,229</b>	<b>1,615</b>	<b>1,186</b>	<b>1,050</b>	<b>3,415</b>	<b>2,665</b>	<b>13,413</b>	<b>12,976</b>
	<b>PC/UMS Net Tonnage<sup>(2)</sup> (thousands)</b>	<b>155,310</b>	<b>138,044</b>	<b>181,004</b>	<b>152,598</b>	<b>336,314</b>	<b>290,642</b>	<b>59,745</b>	<b>32,452</b>	<b>7,262</b>	<b>6,858</b>	<b>67,007</b>	<b>39,310</b>	<b>403,321</b>	<b>329,952</b>
	<b>Total Cargo Tonnage (thousands)</b>	<b>85,318</b>	<b>79,647</b>	<b>154,893</b>	<b>124,611</b>	<b>240,212</b>	<b>204,258</b>	<b>747</b>	<b>447</b>	<b>49</b>		<b>796</b>	<b>447</b>	<b>241,008</b>	<b>204,705</b>

<sup>(1)</sup> Only includes oceangoing commercial traffic, those paying tolls greater than the minimum tariffs implemented on June 1, 1998. (Small commercial traffic not included.)

<sup>(2)</sup> The tonnage measurement system for Panama Canal tolls assessment, the Panama Canal Universal Measurement System (PC/UMS). This amount also includes the PC/UMS tonnage for full containership and passenger vessels.