

# Aviation Division Capital Budget 2012 - 2016

Commission Briefing Follow up  
October 4, 2012

- Capital program reorganized to conform to commission guidance as follows:
  - Category A: Commission authorized/underway
    - Includes projects where some portion of budget is authorized
  - Category B: Pending 2012 authorization
  - Category C: Pending future authorization
  - Category D: Small projects (don't require Commission authorization)
- No changes to project budgets or cash flows from 9/27/2011 presentation

# Summary By Category

Category	Number of Projects	2011 Estimate	2012	2013	2014	2015	2016	2012-16
A. Commission Authorized/Underway	83	181,183	255,773	112,118	42,274	3,240	9,500	422,905
B. Pending 2012 Authorization	53	3,613	69,619	151,217	97,562	14,146	750	333,294
C. Pending Future Authorization	3	3,049	16,413	24,945	33,927	32,036	208,221	315,542
D. Small Projects	5	2,873	3,242	4,200	4,200	3,288	3,000	17,930
<b>Total</b>	<b>144</b>	<b>190,718</b>	<b>345,047</b>	<b>292,480</b>	<b>177,963</b>	<b>52,710</b>	<b>221,471</b>	<b>1,089,671</b>

# Category A: Authorized/Underway

Description	2011	2012	2013	2014	2015	2016	2012-16
	Estimate						
1 Rental Car Fac. Construction	78,092	51,954	-	-	-	-	51,954
2 Aircraft RON Parking USPS Site	350	4,750	30,566	3,000	-	-	38,316
3 Terminal Escalators Modn	7,419	17,000	6,300	14,106	-	-	37,406
4 Highline School Insulation	-	12,028	6,317	16,781	-	-	35,126
5 FIS Improvements- Phase 1	119	14,000	17,581	-	-	-	31,581
6 Airfield Pavement Replacement	4,611	2,100	23,901	-	-	-	26,001
7 EGSE Rolling Stock	5,059	24,941	-	-	-	-	24,941
8 Cent Plant Preconditioned Air	15,078	15,653	5,332	-	-	-	20,985
9 GSE Electrical Chrg Stations	371	6,000	7,924	-	-	-	13,924
10 PLB Replacement-AR	2,441	10,909	1,500	-	-	-	12,409
11 Third Runway Construction	5,129	3,014	-	-	-	9,000	12,014
12 Loading Bridges Utilities	167	10,907	-	-	-	-	10,907
13 8th Floor Weather Proofing	2,423	10,482	-	-	-	-	10,482
14 North Satellite Seismic	25	450	2,200	4,770	2,740	-	10,160
15 Two New CTE Freight Elevators	177	4,000	2,441	-	-	-	6,441
16 Aviation Small Jobs	2,192	3,000	3,258	-	-	-	6,258
17 New Runway Land Acquisition	132	2,895	3,060	-	-	-	5,955
18 Rental Car Buses	12,311	5,015	-	-	-	-	5,015
19 BHS C22-C1, MK1, TC3	578	4,757	-	-	-	-	4,757
20 2011-2013 Roof Replacement Pro	204	4,577	-	-	-	-	4,577
21 Other (63 Projects)	44,305	47,341	1,738	3,617	500	500	53,696
<b>Total</b>	<b>181,183</b>	<b>255,773</b>	<b>112,118</b>	<b>42,274</b>	<b>3,240</b>	<b>9,500</b>	<b>422,905</b>



# Category B: Pending 2012 Authorization

Description	2011 Estimate	2012	2013	2014	2015	2016	2012-16
1 Convert Ticket Zone 3 FlowThru	-	1,000	26,000	5,000	-	-	32,000
2 Perm Emergency Back-up Power	-	2,000	7,000	21,238	-	-	30,238
3 NSAT HVAC,Lights,Ceiling Repl	-	125	3,000	15,000	9,371	-	27,496
4 SSAT HVAC,Lights,Ceiling Repl	125	3,000	15,000	9,371	-	-	27,371
5 C60 - C61 BHS Modifications	200	8,000	14,000	3,800	-	-	25,800
6 Terminal Realignment	-	8,000	11,000	5,027	-	-	24,027
7 Vertical Convey Modn Aero Ph2	300	5,000	9,000	5,432	-	-	19,432
8 Cargo 2 West Cargo Hardstand	-	100	2,200	11,000	-	-	13,300
9 Garage Renewal/Replacement	-	250	2,000	4,500	4,500	750	12,000
10 Convert Ticket Zone 2 Pushback	-	1,000	8,000	1,669	-	-	10,669
11 Vertical Convey Modn Aero Ph1	232	7,454	2,506	-	-	-	9,960
12 Main Terminal HVAC Upgrades	-	1,000	4,000	3,500	-	-	8,500
13 Parking Retrofit	50	1,850	5,700	-	-	-	7,550
14 C60-C1 Interline Baggage Sys	177	5,000	1,825	-	-	-	6,825
15 Airport Owned Gate Infr II	-	2,000	2,000	2,000	-	-	6,000
16 New Window Wall Ticket Zone 1	-	750	4,750	66	-	-	5,566
17 Cargo 6 Enhancements	-	550	4,900	100	-	-	5,550
18 Facility Monitoring Sys Renewl	-	1,000	2,500	1,500	-	-	5,000
19 Service Tunnel Renewal/Replace	25	1,000	1,200	2,500	275	-	4,975
20 So. 160th St. GT Lot Expansion	-	100	764	2,652	-	-	3,516
21 Other (33 Projects)	2,504	20,440	23,872	3,207	-	-	47,519
<b>Total</b>	<b>3,613</b>	<b>69,619</b>	<b>151,217</b>	<b>97,562</b>	<b>14,146</b>	<b>750</b>	<b>333,294</b>

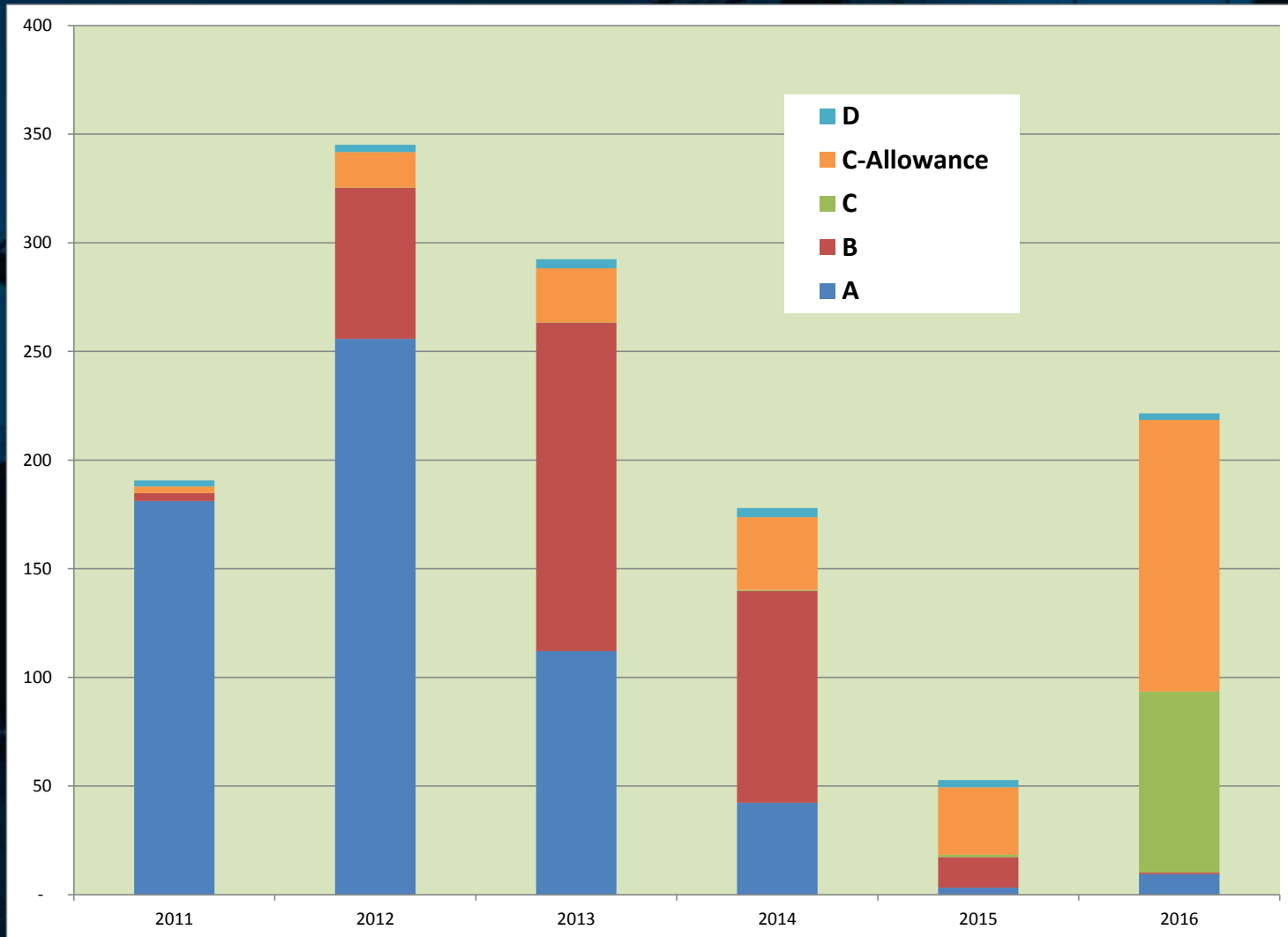
# Category C: Pending Future Authorization

Description	2011 Estimate	2012	2013	2014	2015	2016	2012-16
1 Aero and Non-Aero Allowances	3,044	16,363	24,920	33,427	31,036	125,000	230,746
2 CDP Future Projects	-	-	-	500	1,000	83,221	84,721
3 CTX UPS Upgrade	5	50	25	-	-	-	75
Total	3,049	16,413	24,945	33,927	32,036	208,221	315,542

# Category D: Small Projects

<u>Description</u>	2011 Estimate	2012	2013	2014	2015	2016	2012-16
1 Small Jobs	-	300	-	-	-	-	300
2 Aviation Small Capital	1,994	1,742	-	-	-	-	1,742
3 AV/IT Small Capital Projects	879	1,200	1,200	1,200	288	-	3,888
4 Aviation Small Capital	-	-	1,000	1,000	1,000	1,000	4,000
5 Aviation Small Jobs	-	-	2,000	2,000	2,000	2,000	8,000
	<u>2,873</u>	<u>3,242</u>	<u>4,200</u>	<u>4,200</u>	<u>3,288</u>	<u>3,000</u>	<u>17,930</u>

# Capital Spending by Category





The background is a dark blue image. On the left, there is a silhouette of a large cargo ship docked at a pier with several cranes. On the right, there are silhouettes of people in an office setting, including one person in the foreground talking on a mobile phone. The overall scene is dimly lit, suggesting an industrial or business environment.

# Seaport Division Capital Budget 2012-2016

Commission Review  
October 4, 2011

## Capital Budget Summary

\$'s in 000's	2012	2013	2014	2015	2016	2012-16
Commission Authorized/Underway	11,636	3,190	1,400	0	0	16,226
Pending 2012 Authorization	17,538	2,990	2,300	3,000	2,878	28,706
Pending Future Authorization	0	42,070	54,780	72,100	76,300	245,250
Small Projects	1,400	1,200	1,333	1,025	1,000	5,958
<b>Total</b>	<b>30,574</b>	<b>49,450</b>	<b>59,813</b>	<b>76,125</b>	<b>80,178</b>	<b>296,140</b>

## Commission Authorized/Underway

\$'s in 000's	Priority	2012	2013	2014	2015	2016	2012-16
Street Vacation Related Projects	1	3,213	3,190	1,400	0	0	7,803
T86 Grain Facility Modernization	1	107	0	0	0	0	107
T10 Interim Development	1	475	0	0	0	0	475
T91 Water Main Repl N of Bridge	1	565	0	0	0	0	565
T5 Crane Cable Reels	1	13	0	0	0	0	13
T18 Fender Replacement	1	1,378	0	0	0	0	1,378
T30/91 Program	1	25	0	0	0	0	25
Sea Sec Grant Rnd7 - TWIC	1	700	0	0	0	0	700
Sea Sec 2009 ARRA - Sonar Sys	1	393	0	0	0	0	393
Sea Sec Grant Rnd 7B-Bomb Robot Trk	1	261	0	0	0	0	261
Cruise Cap. Allow. - CTA Lease	1	375	0	0	0	0	375
Cruise TI Allowance - CTA Lease	1	251	0	0	0	0	251
P91 Fender System Upgrade	1	1,875	0	0	0	0	1,875
P90 C175 Roof Replacement	1	2,005	0	0	0	0	2,005
<b>Total</b>		<b>11,636</b>	<b>3,190</b>	<b>1,400</b>	<b>0</b>	<b>0</b>	<b>16,226</b>

Note: Highlighted line items are lease commitments

## Pending 2012 Authorization

\$'s in 000's

	Priority	2012	2013	2014	2015	2016	2012-16
T25 South Redevelopment Phase 2	1	12,200	0	0	0	0	12,200
Seaport Green Port Initiative	1	470	1,090	800	2,500	2,500	7,360
Sea Sec Grant Rnd 9 - Dive Van, 8 Cars	2	880	0	0	0	0	880
Sea Sec Grant Rnd 10-Mobile Cmd Veh	2	588	0	0	0	0	588
P66 Apron Pile Wrap	2	500	500	500	500	378	2,378
Container Termi Strm Water Imp (Pilot)	2	1,000	300	0	0	0	1,300
T- 86 Grain Facility - Cathodic Protection	2	900	100	0	0	0	1,000
T104 Site Improvements	3	1,000	1,000	1,000	0	0	3,000
<b>Total</b>		<b>17,538</b>	<b>2,990</b>	<b>2,300</b>	<b>3,000</b>	<b>2,878</b>	<b>28,706</b>

## Pending Future Authorization

\$'s in 000's	Priority	2012	2013	2014	2015	2016	2012-16
T-91 Berth 6 & 8 Redev Phase 1	2	0	0	12,000	12,500	0	24,500
T-46 Development	2	0	0	5,000	10,000	10,000	25,000
T91 Substation Upgrades	2	0	1,000	1,000	500	0	2,500
Container Support Yd-3.5M TEU's #1	2	0	30,000	0	0	0	30,000
P66 Shore Power	3	0	1,000	7,700	5,000	0	13,700
Second Gangway per Berth @ T91	3	0	1,000	3,500	0	0	4,500
T46 North Dock Replacement	3	0	0	0	1,000	19,000	20,000
T91 Berth 6&8 Redev Phase 2	3	0	0	0	0	13,000	13,000
Dredge P90 East Waterway**	3	0	0	0	0	0	0
T-5 New Cranes (4)	3	0	0	0	22,000	23,000	45,000
T18 Rail Crossings**	3	0	0	0	0	0	0
T108 Paving Overlay	3	0	270	2,920	0	0	3,190
P86 Fishing Pier Replacement	3	0	0	0	0	1,300	1,300
T- 91 Railroad Spur Upgrade	3	0	150	960	0	0	1,110
T-115 Railroad Spur Upgrade	3	0	150	900	0	0	1,050
T91 Ind Warehse & Office (replace C173)**	3	0	0	0	0	0	0
Container Support Yd-3.5M TEU's #2**	3	0	0	0	0	0	0
New Warehouse at Tank Farm	3	0	0	10,800	11,100	0	21,900
Contingency Renewal & Replace.	3	0	8,500	10,000	10,000	10,000	38,500
<b>Total</b>		<b>0</b>	<b>42,070</b>	<b>54,780</b>	<b>72,100</b>	<b>76,300</b>	<b>245,250</b>

- Highlighted line items are lease commitments
- For projects marked with asterisk \*\*, the cash investment is forecasted to take place in the 2017-2021 timeframe.



## Small Projects

\$'s in 000's

Priority	2012	2013	2014	2015	2016	2012-16	
Small Capital Projects	1	775	700	700	500	500	3,175
Preliminary Planning	1	250	250	250	250	250	1,250
Seaport Technology Projects	1	250	250	250	250	250	1,250
Seaport Fleet Replacement	1	125	0	133	25	0	283
<b>Total</b>		<b>1,400</b>	<b>1,200</b>	<b>1,333</b>	<b>1,025</b>	<b>1,000</b>	<b>5,958</b>

The background is a dark blue image with silhouettes of a large ship on the left and several people walking on the right. A green horizontal bar is at the top and bottom of the page.

# Real Estate Division Capital Budget 2012-2016

## Commission Review

October 4, 2011

## Capital Budget Summary

\$'s in 000's

	2012	2013	2014	2015	2016	2012-16
Commission Authorized/Underway	3,572	30	0	0	0	3,602
Pending 2012 Authorization	9,131	7,551	2,932	1,983	1,794	23,391
Pending Future Authorization	0	2,825	8,160	2,450	5,310	18,745
Small Projects	1,821	2,085	1,567	1,383	1,437	8,293
<b>Total</b>	<b>14,524</b>	<b>12,491</b>	<b>12,659</b>	<b>5,816</b>	<b>8,541</b>	<b>54,031</b>

## Commission Authorized/Underway

\$'s in 000's

Priority	2012	2013	2014	2015	2016	2012-16
1	3,572	30	0	0	0	3,602
<b>Total</b>	<b>3,572</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,602</b>

FT C15 HVAC Improvements

**Total**

## Pending 2012 Authorization

\$'s in 000's

	Priority	2012	2013	2014	2015	2016	2012-16
P69 N Apron Piling Cathodic Protection	1	3,923	0	0	0	0	3,923
P69 Built Up Roof Replacement	1	300	1,692	0	0	0	1,992
Bell Harbor Lighting Control Upgrade	1	160	600	0	0	0	760
Tenant Improvements -Capital	1	1,148	259	432	483	433	2,755
RE Contingency Renewal & Replace	2	500	500	500	1,000	1,000	3,500
FT Net Shed Code Compliance	2	750	1,500	1,500	0	0	3,750
FT Net Shed 9 Roof Replacement	2	450	0	0	0	0	450
Bell Harbor Marina Pile Wraps	2	500	500	500	500	361	2,361
P66 Chiller Upgrades	2	300	0	0	0	0	300
FT C15 Bldg East Sewer Line	2	850	0	0	0	0	850
FT C15 Bldg Subsidence Improvements	2	250	2,500	0	0	0	2,750
<b>Total</b>		<b>9,131</b>	<b>7,551</b>	<b>2,932</b>	<b>1,983</b>	<b>1,794</b>	<b>23,391</b>



## Pending Future Authorization

\$'s in 000's	Priority	2012	2013	2014	2015	2016	2012-16
SBM Fuel Float & Building Improve	2	0	500	500	0	0	1,000
SBM Central Seawall Replacement	2	0	915	0	0	0	915
SBM Paving	2	0	100	450	450	0	1,000
SBM Restroom Replacement	2	0	800	2,000	2,000	0	4,800
FT Paving/Storm Upgrades	2	0	150	1,500	0	0	1,650
FT C14 (Downey) Bldg Improvements	2	0	110	380	0	460	950
T102 Bldg Roof Replacement	2	0	100	2,330	0	0	2,430
FT C-2 Bldg Roof & HVAC Replacement	2	0	150	1,000	0	0	1,150
FT NW Dock Improvements**	3	0	0	0	0	100	100
FT S Wall W End Pile Repl & Corrosion Protect	3	0	0	0	0	1,250	1,250
FT W Wall N Fender System Replacement**	3	0	0	0	0	200	200
FT West Wall N Sheet Pile Corrosion Protect**	3	0	0	0	0	200	200
FT Docks 3 Fixed Pier Improvements**	3	0	0	0	0	200	200
FT Docks 4 Fixed Pier Improvements**	3	0	0	0	0	200	200
FT S Wall Ctrl Fender Repl & Corrosion Protect**	3	0	0	0	0	0	0
FT W Wall S Sheet Pile Corrosion Protect**	3	0	0	0	0	0	0
FT C15 Bldg Roof Replacement	3	0	0	0	0	2,400	2,400
SBM:Seaview Bldg A5 Rehabilitation	3	0	0	0	0	300	300
<b>Total</b>		<b>0</b>	<b>2,825</b>	<b>8,160</b>	<b>2,450</b>	<b>5,310</b>	<b>18,745</b>

Note: For projects marked with asteriks \*\*, most or all of the cash investment is forecasted to take place in the 2017-2021 timeframe.

## Small Projects

\$'s in 000's	Priority	2012	2013	2014	2015	2016	2012-16
Small Capital Projects	1	815	1,050	525	500	500	3,390
Preliminary Planning	1	250	250	250	250	250	1,250
Real Estate Technology Projects	1	250	250	250	250	250	1,250
Real Estate Fleet Replacement	1	506	535	542	383	437	2,403
<b>Total</b>		<b>1,821</b>	<b>2,085</b>	<b>1,567</b>	<b>1,383</b>	<b>1,437</b>	<b>8,293</b>

# Information and Communication Technology 2012 Capital Budget

Commission Update  
October 4, 2011

# Technology Capital Budget Overview

## Includes ICT Projects Budgeted in Divisions

ICT Five Year Capital Plan	2012	2013	2014	2015	2016	2012-2016 Totals
Commission Authorized Projects	8,631	2,420	-	-	-	11,051
Projects Pending 2012 Authorization	6,300	2,300	-	-	-	8,600
Technology Small Capital	6,450	6,450	1,700	788	500	15,888
ICT Allowance	-	2,000	10,650	10,800	11,000	34,450
<b>Totals</b>	<b>21,381</b>	<b>13,170</b>	<b>12,350</b>	<b>11,588</b>	<b>11,500</b>	<b>69,989</b>

Includes ICT Projects Budgeted in Divisions

Excludes ICT Portions of PMG Lead Projects

# Commission Authorized/Underway

Commission Authorized Projects		2012	2012-16 Totals	Project Budgets
PeopleSoft Financials Upgrade	U	2,700	4,700	5,000
Enterprise Maximo Upgrade and Consolidation	U	400	800	3,782
Police Records Mgmt System Replacement	U	500	500	1,300
Enterprise Project Delivery System	N	200	200	1,525
Enterprise Property Mgt. System Upgrade (Propworks)	U	200	200	450
Enterprise Maintenance Scheduling and Planning System	N	52	52	402
FIMS II - Airport flight data and displays	U	4,214	4,214	\$ 7,000
Airline Activity Management	N	280	300	500
Airport Common Use Gate/Ticketing System Migration	U	85	85	485
<b>Totals</b>		<b>8,631</b>	<b>11,051</b>	<b>20,444</b>

N = New System U= System Upgrades or Replacements



# Pending 2012 Authorization

Projects Pending 2012 Authorization		2012	2012-16 Totals	Project Budgets
ID Badge Enterprise System Replacement*	U	2,200	2,200	2,300
Enterprise Network Switch Replacement*	U	1,300	1,300	1,500
Contractor Data System (CDS) Upgrade/Replacement	U	400	1,500	1,500
Computer Aided Dispatch Upgrade -Fire/Police	U	525	525	525
LiveLink Construction Document Mgmt. Upgrade/Replacement	U	300	1,000	1,000
Interline Baggage Reporting for Airport	N	750	750	750
Airport Common Use Self Serve Kiosk Expansion	N	425	425	425
Security Checkpoint Wayfinding (Wait times) at Airport	N	400	900	900
<b>Totals</b>		<b>6,300</b>	<b>8,600</b>	<b>8,900</b>

N = New System U= System Upgrades or Replacements

\*Assumes Authorization in 2011

# Small Capital and ICT Allowance

Small Capital and ICT Allowance	2012	2013	2014	2015	2016	2012-2016 Totals
Infrastructure Small Capital	2,500	2,500				5,000
Seaport Small Capital	250	250	250	250	250	1,250
Aviation Small Capital	1,200	1,200	1,200	288		3,888
Real Estate Small Capital	250	250	250	250	250	1,250
Business Applications Small Capital	2,000	2,000				4,000
Enterprise GIS Small Capital	250	250				500
ICT Allowance	-	2,000	10,650	10,800	11,000	34,450
<b>Totals</b>	<b>6,450</b>	<b>8,450</b>	<b>12,350</b>	<b>11,588</b>	<b>11,500</b>	<b>50,338</b>

The background of the slide is a dark blue-tinted photograph of a port. On the left, the bow of a large ship is visible. In the center, a large gantry crane stands over the water. On the right, the silhouettes of several people are walking across a glass-paned walkway or bridge, with one person in the foreground talking on a mobile phone.

# Portwide Summay Capital Budget 2012 - 2016

## Commission Briefing Follow up

October 4, 2011

# Portwide 2012 Capital Budget

in \$ 000's	2012	2013	2014	2015	2016	2012-16
Commission Authorized/Underway	275,033	117,738	43,674	3,240	9,500	449,185
Pending 2012 Authorization	101,578	164,874	104,022	20,388	6,177	397,039
Pending Future Authorization	16,413	71,840	107,517	117,386	300,831	613,987
Small Projects/Other	11,568	12,785	7,445	6,041	5,742	43,581
<b>Total</b>	<b>404,592</b>	<b>367,237</b>	<b>262,658</b>	<b>147,055</b>	<b>322,250</b>	<b>1,503,792</b>