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The Panama Canal Expansion and Its Effects on the Port System of Latin America and the Caribbean

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People
Offices

41,000
150

CANADA	USA
MEXICO	COSTA RICA
COLOMBIA	ECUADOR
PERU	CHILE
ARGENTINA	BRAZIL

Countries
Ports and Terminals
Corporate Goal

49
All continents
ZERO HARM



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Bigger Ships in the Region





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Wider Canal → Bigger Ships → Bigger Feeders → New Equipment

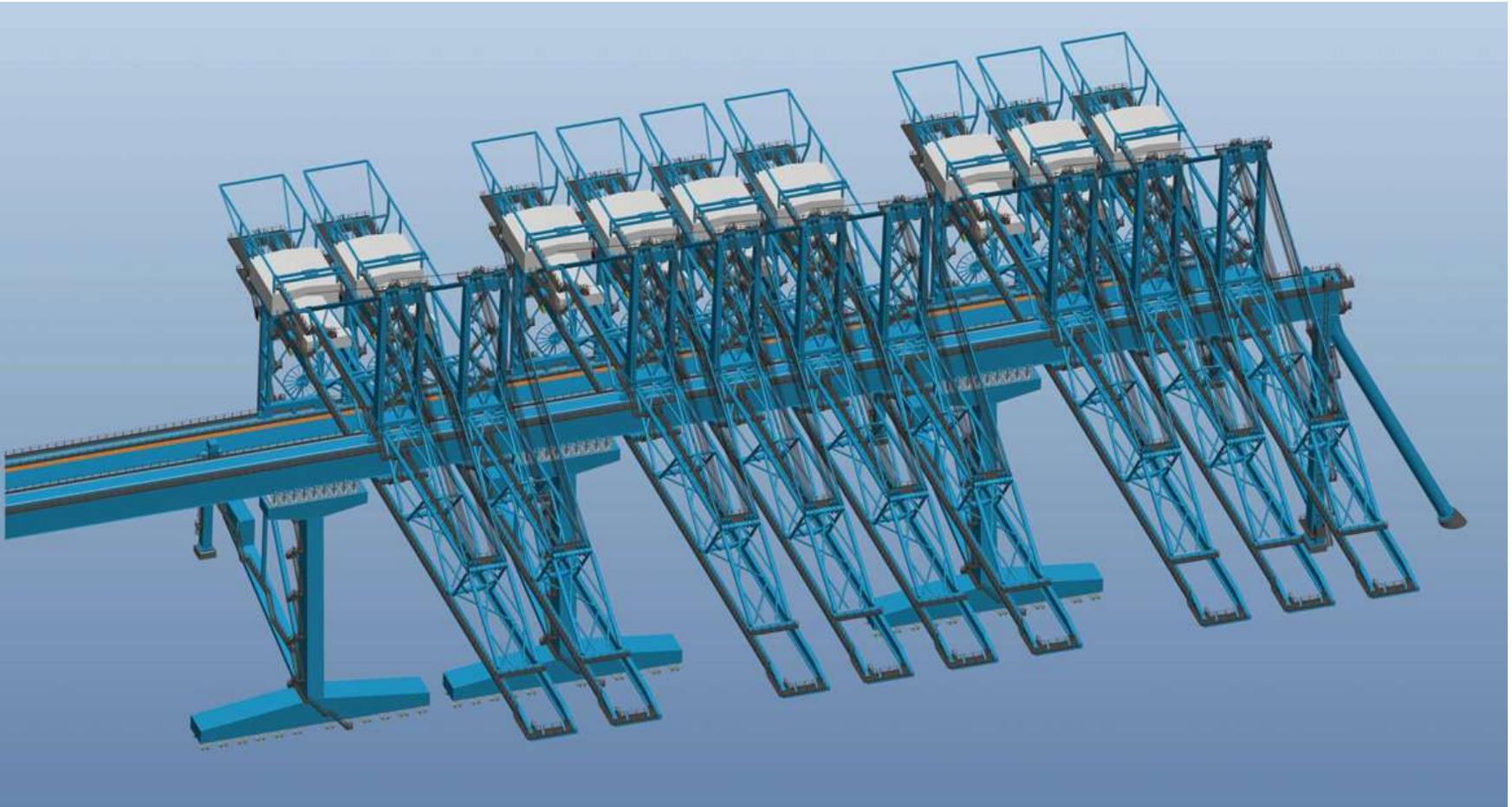




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NEW - APM's FASTNET Crane



Crane height is designed to be 400m for deep draft and access



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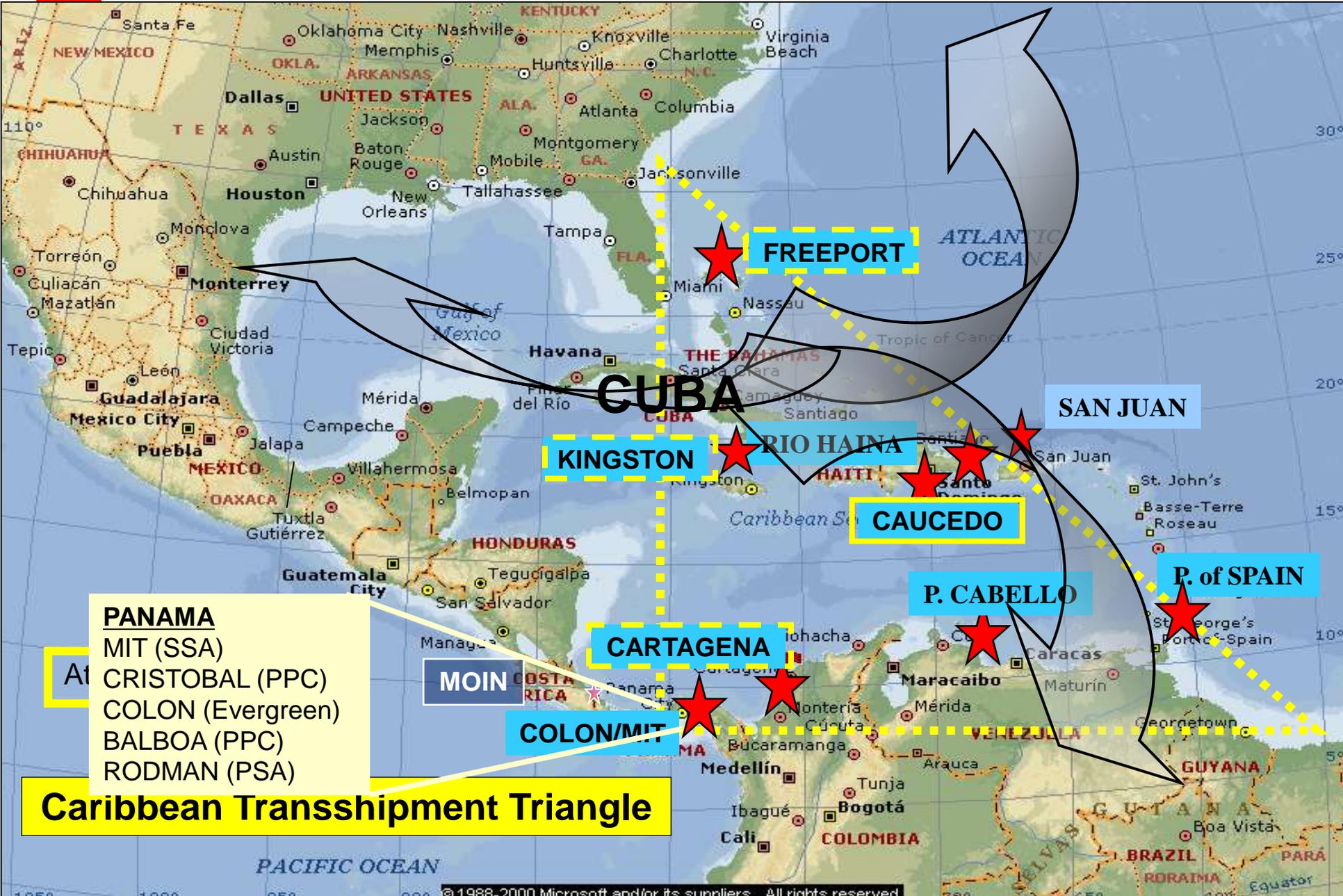
Growth in Transshipment





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The Caribbean Transshipment Triangle is alive and well.



- PANAMA**
- MIT (SSA)
- CRISTOBAL (PPC)
- COLON (Evergreen)
- BALBOA (PPC)
- RODMAN (PSA)

Caribbean Transshipment Triangle



Moín – Limón, Costa Rica

- ▶ \$992 million by APM Terminals
- ▶ Designed for 100% domestic cargo only – but transshipment is possible
- ▶ Concession signed in August, 2011
- ▶ 1.2M TEU in Year 1
- ▶ It's all about productivity





Caribbean & Panama TS ports are expanding

Port	CAPACITY (TEU)							
	Current	Final	Cranes	Type	CurrentTEU /crane	CurrentLift s/crane	FinalCY (ha)	Future Depth (M)
Freeport	1,500,000	3,500,000	27	16 SPPX	55,556	32,680	96	16.0
Kingston	1,800,000	5,200,000	19	5 PPX, 14 SPPX	94,737	55,728	101	15.2
Caucedo	1,000,000	1,250,000	7	5 PPX, 1SPPX, 2 mobile	142,857	84,034	50	13.5
Cartagena	1,957,636	1,957,636	10	4 SPPX, 6 PPX	195,764	115,155	100	19.5
MIT	2,400,000	4,000,000	17	2 PX, 11 PPX, 4 SPPX	141,176	83,045	56	14.0
Cristobal	1,500,000	1,500,000	10	3 PX, 7 PPX	150,000	88,235	143	14.2
Balboa	3,600,000	4,500,000	22	8 PX, 10 PPX, 4 SPPX	163,636	96,257	182	16.0
Rodman	450,000	1,050,000	6	PX	75,000	44,118	38.7	14.5

Assumes 70% of boxes are forty-foot

- **+62% more capacity**
- **Does not include Moin**
- **Does not include Isla Margarita (Panama Atlantic)**

What's next?



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Another triangle is forming - Pacific





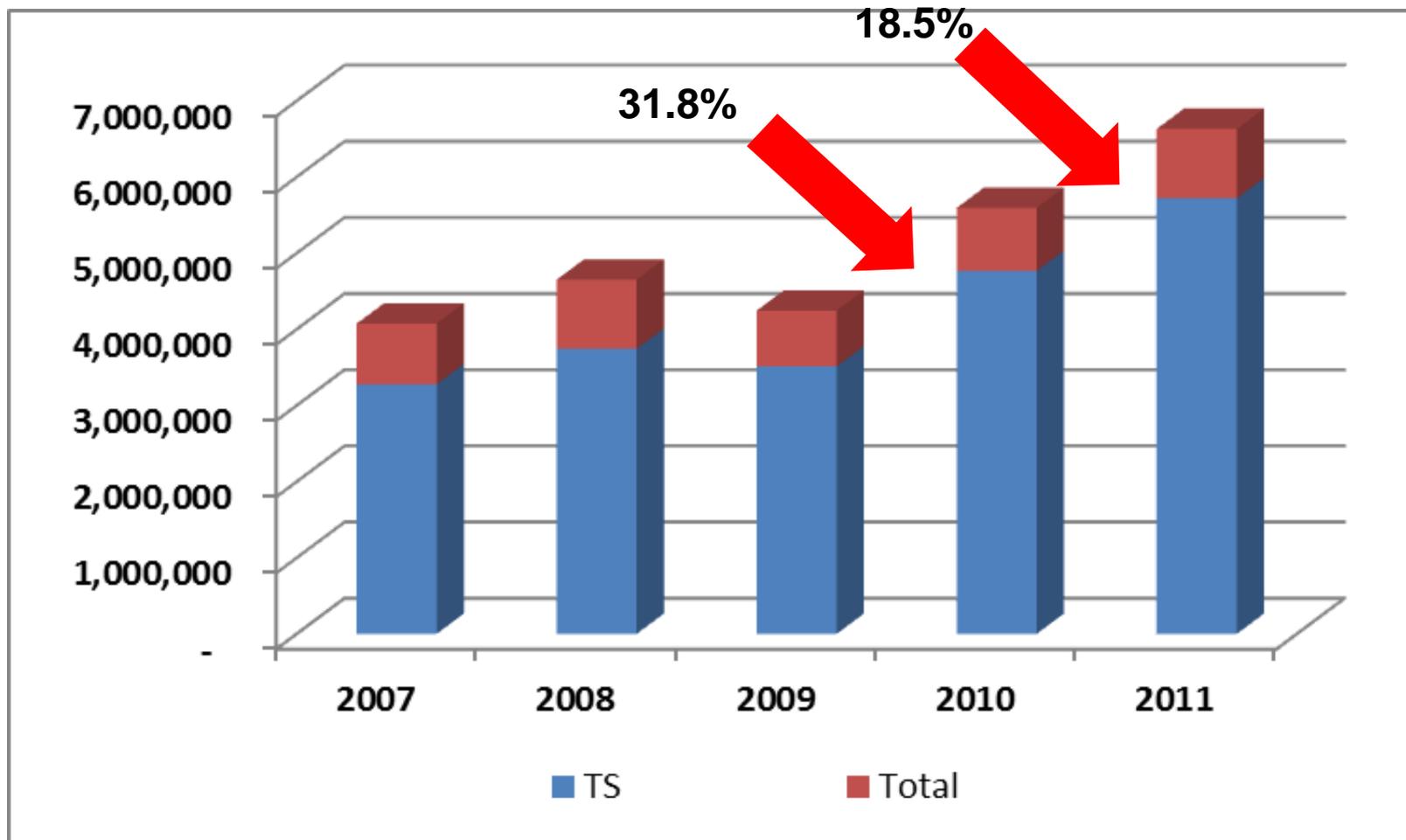
The Pacific Triangle

Panama is key





In 2011, 86% of Panama's container traffic was transshipment

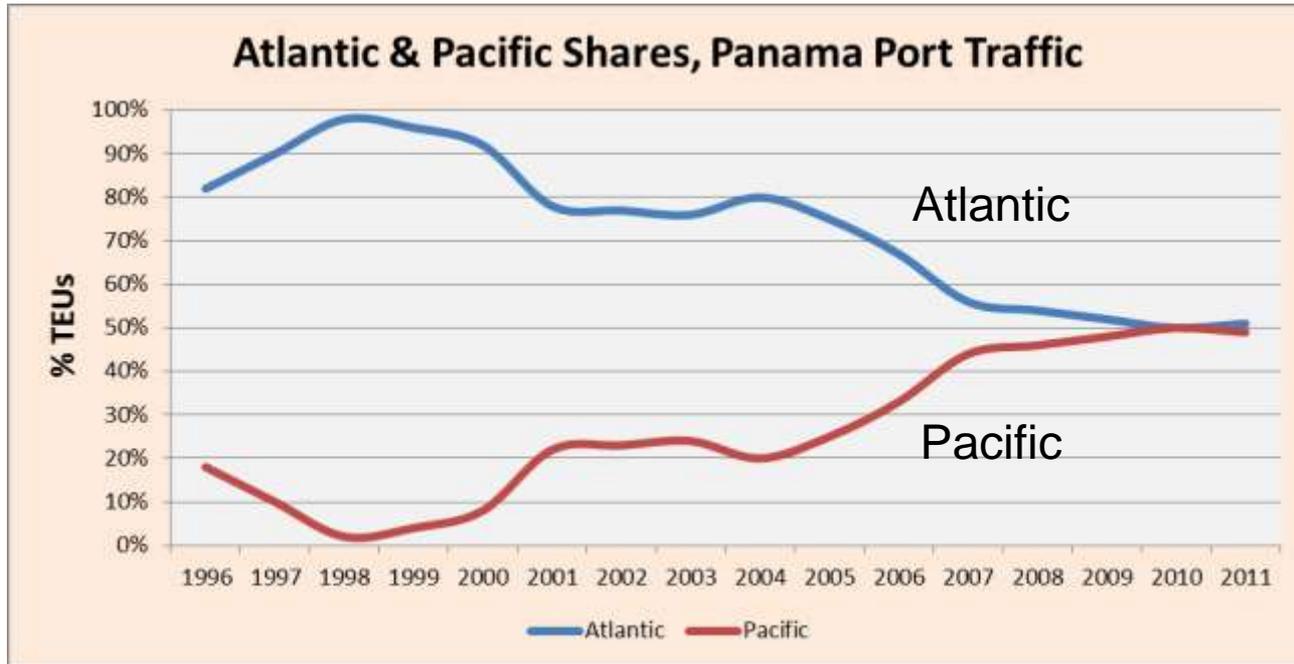


Source: Panama Maritime Authority

TS = 15% per year on average 2007-22



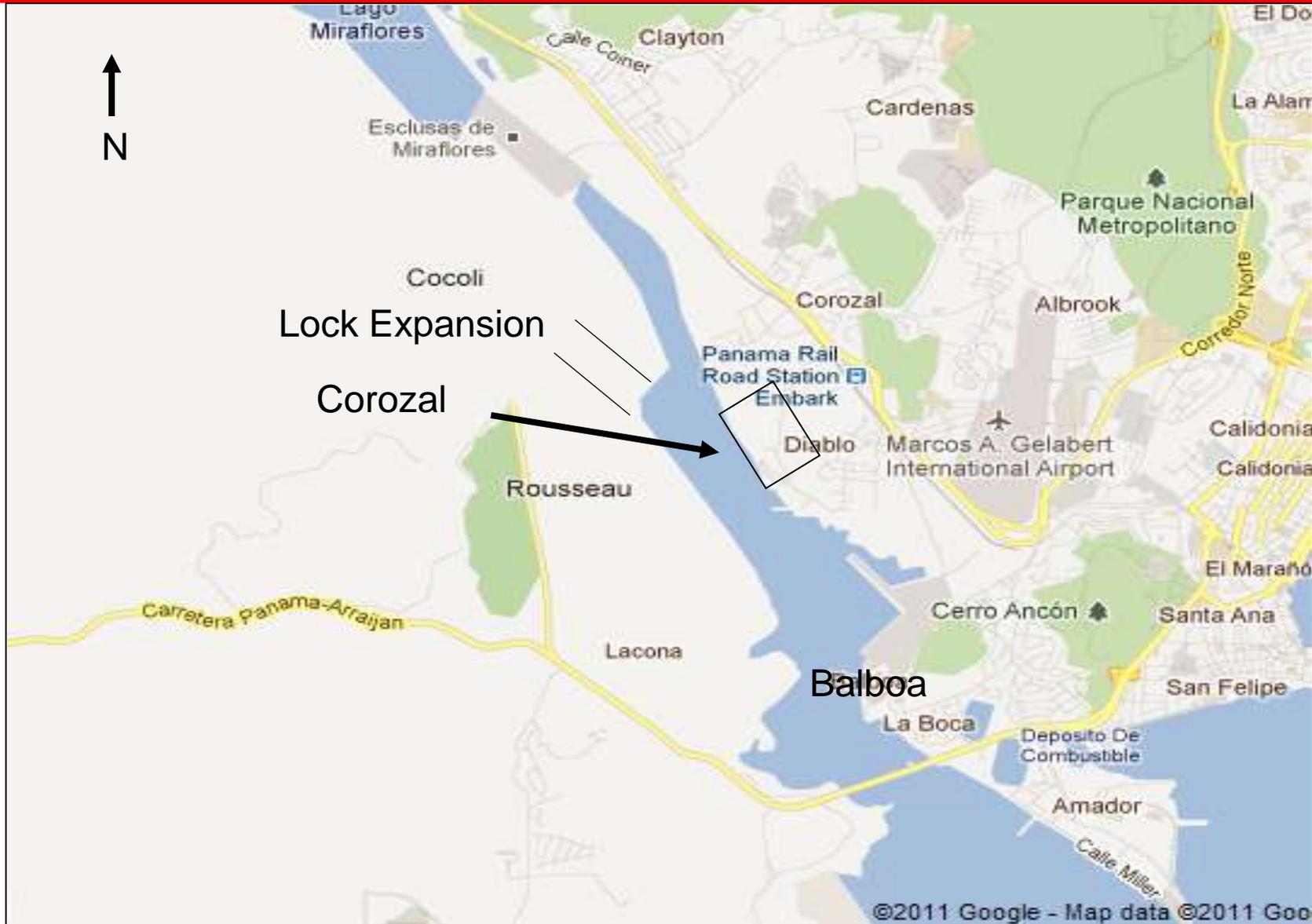
Panama's Pacific Coast has gained share.....



- The Pacific coast of Panama has shown faster growth than the Atlantic coast in terms of transshipment
- Existing terminals in Panama are at or near full capacity
- The transshipment system in the Panama Pacific area is near **collapse**



A new TS option in Panama?



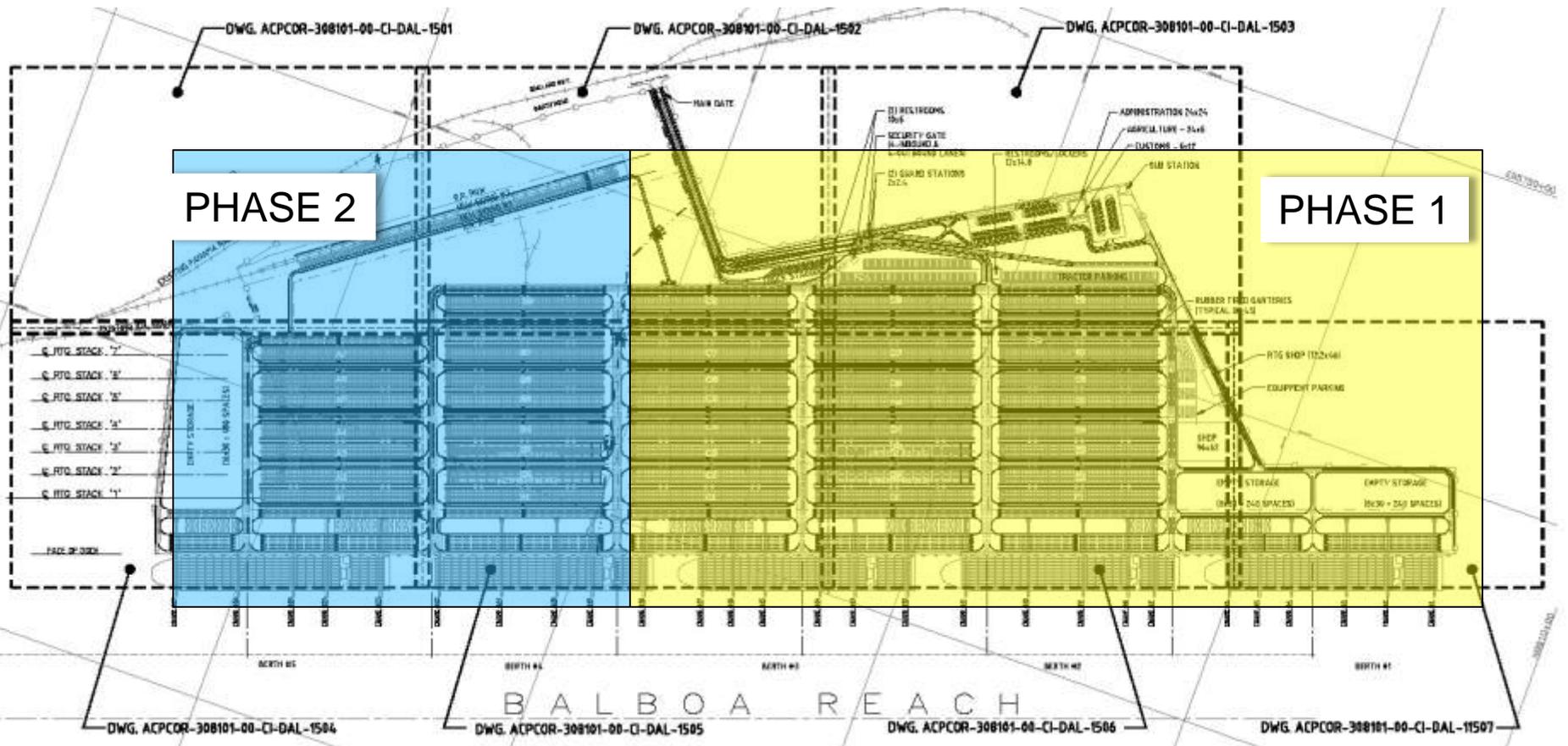


Corozal, next to the railway





New Transshipment Terminal in the Panama Canal

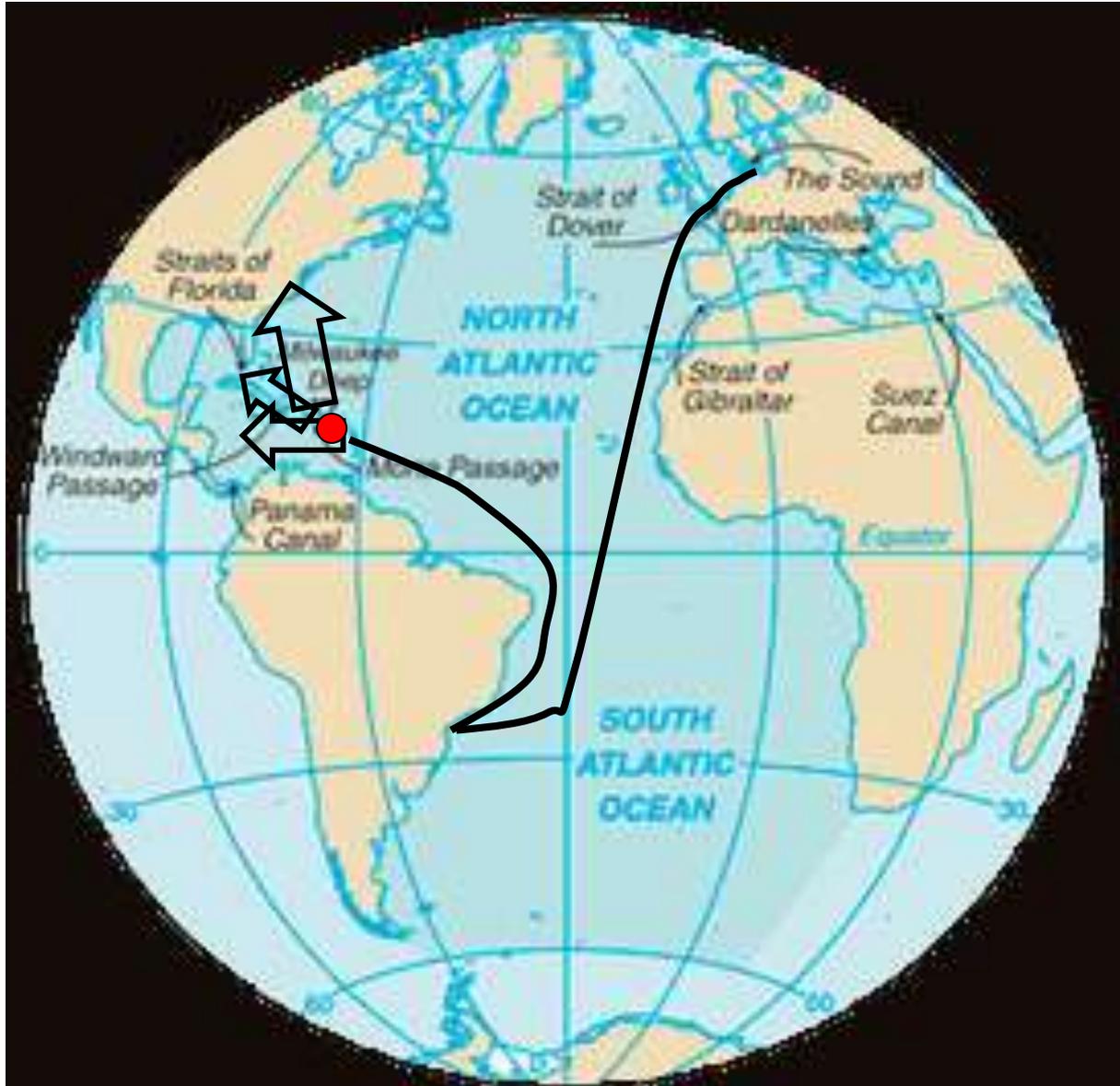


Phase 1: 2.4M TEU

Phase 2: +1.5M TEU

Final: Quay 2,081 m; 27 STS; 3.9M TEU; 99 ha of CY

Layout: *WorleyParsons*





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Conclusions





- **Growth in transshipment is inevitable**
- **Competition will be tough**
- **Panama is key**
- **Go for it**

