



**Panama Ports Company**

## **Port of Balboa Expansion**

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September 14<sup>th</sup>, 2016



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PORTUARIO EN  
**PANAMÁ**

**19**  
AÑOS



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Panama Port Company is part of Hutchison Port Holdings, affiliate of CK Hutchison Holdings, Global leader in port investments, development and operations.



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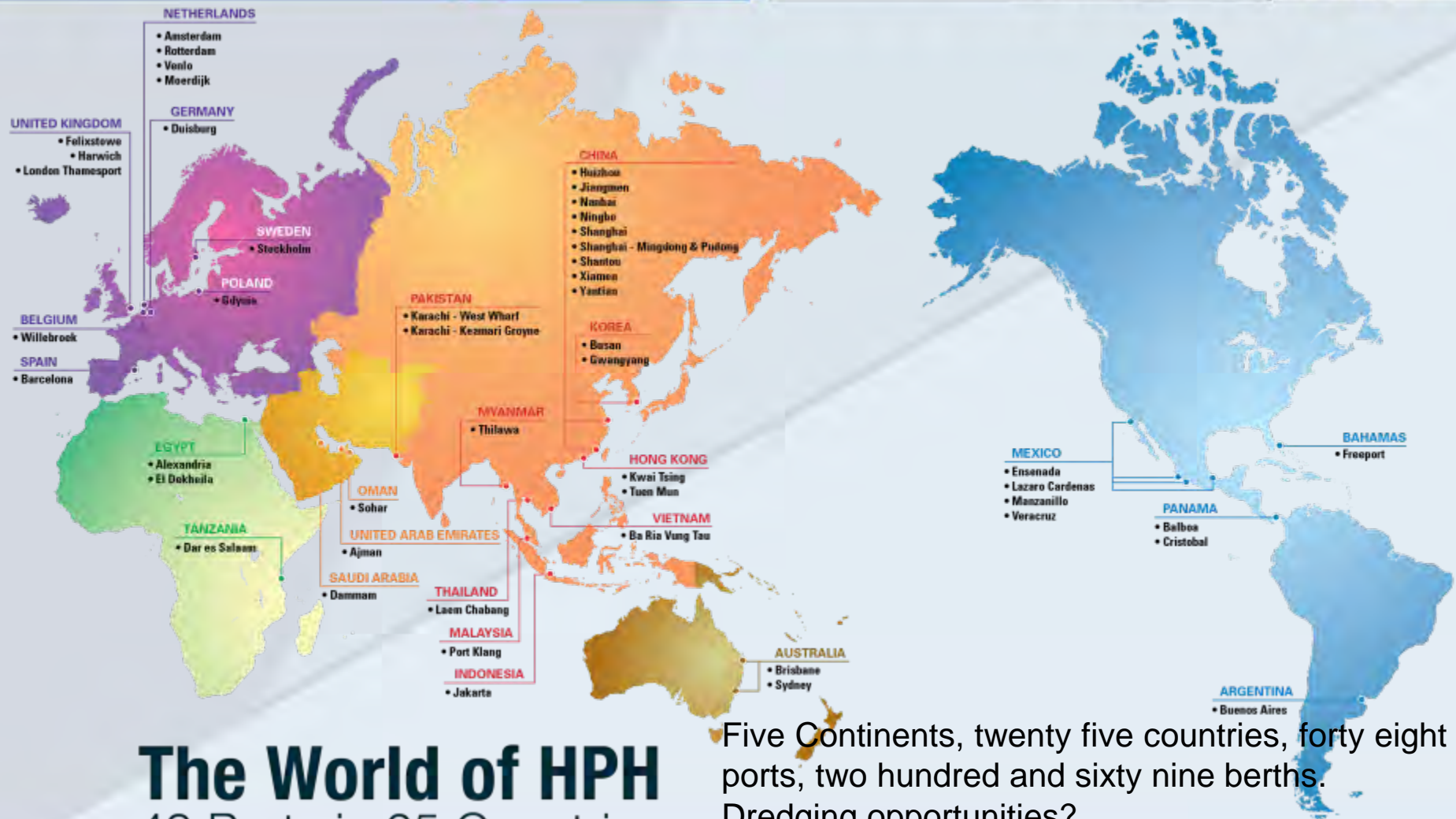




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**The World of HPH**  
48 Ports in 25 Countries

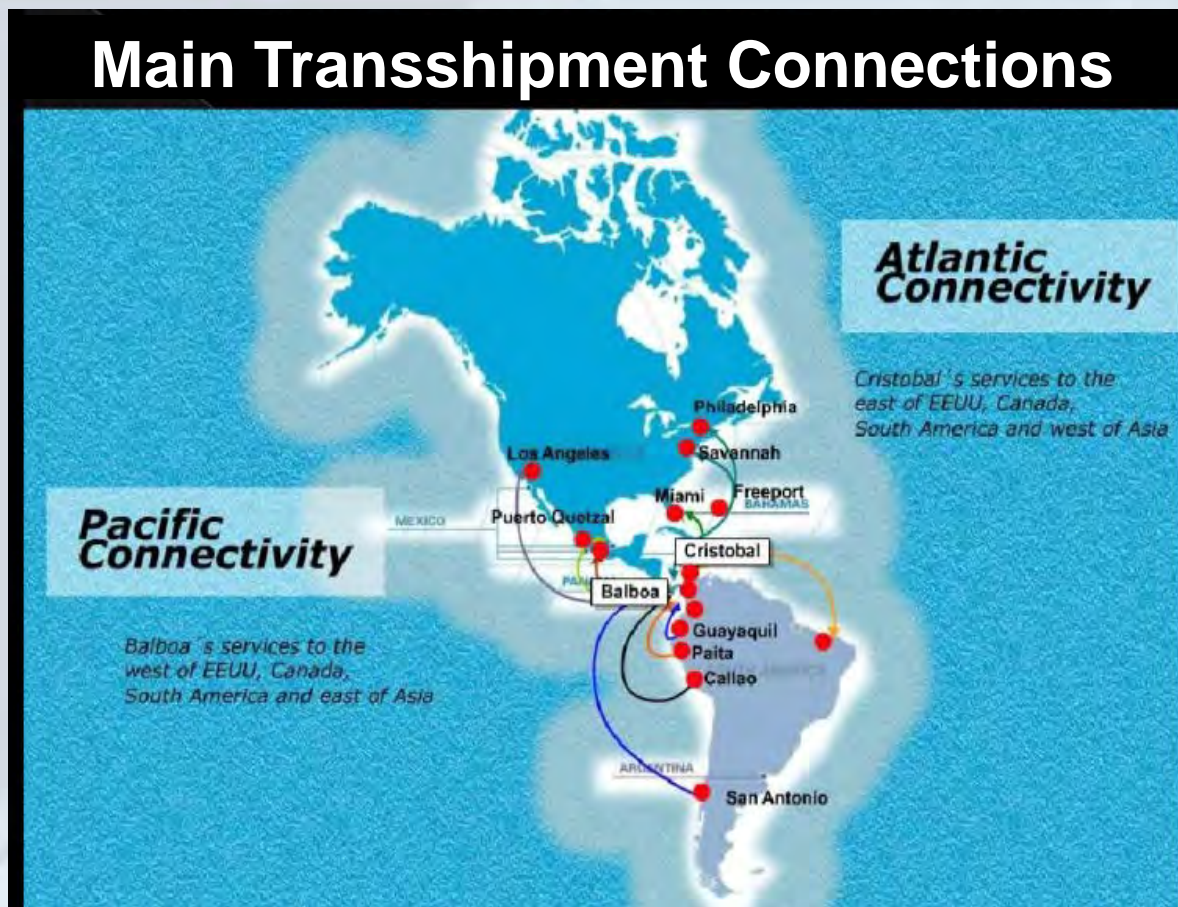
Five Continents, twenty five countries, forty eight ports, two hundred and sixty nine berths.  
Dredging opportunities?



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## Main Transshipment Connections



PPC has an strategic location to link the transportation routes of global commerce.





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PPC Balboa and Cristobal as one terminal for containers, RoRo, cruise ships, general cargo.



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In 1997, almost 20 years ago, The Panamanian government granted to Panama Ports Company the rights to administrate operate and develop the ports of Balboa and Cristobal.

Since then more than 1,300 million dollars have been invested in both ports including dredging and reclamation, civil works and specialized cargo handling equipment.

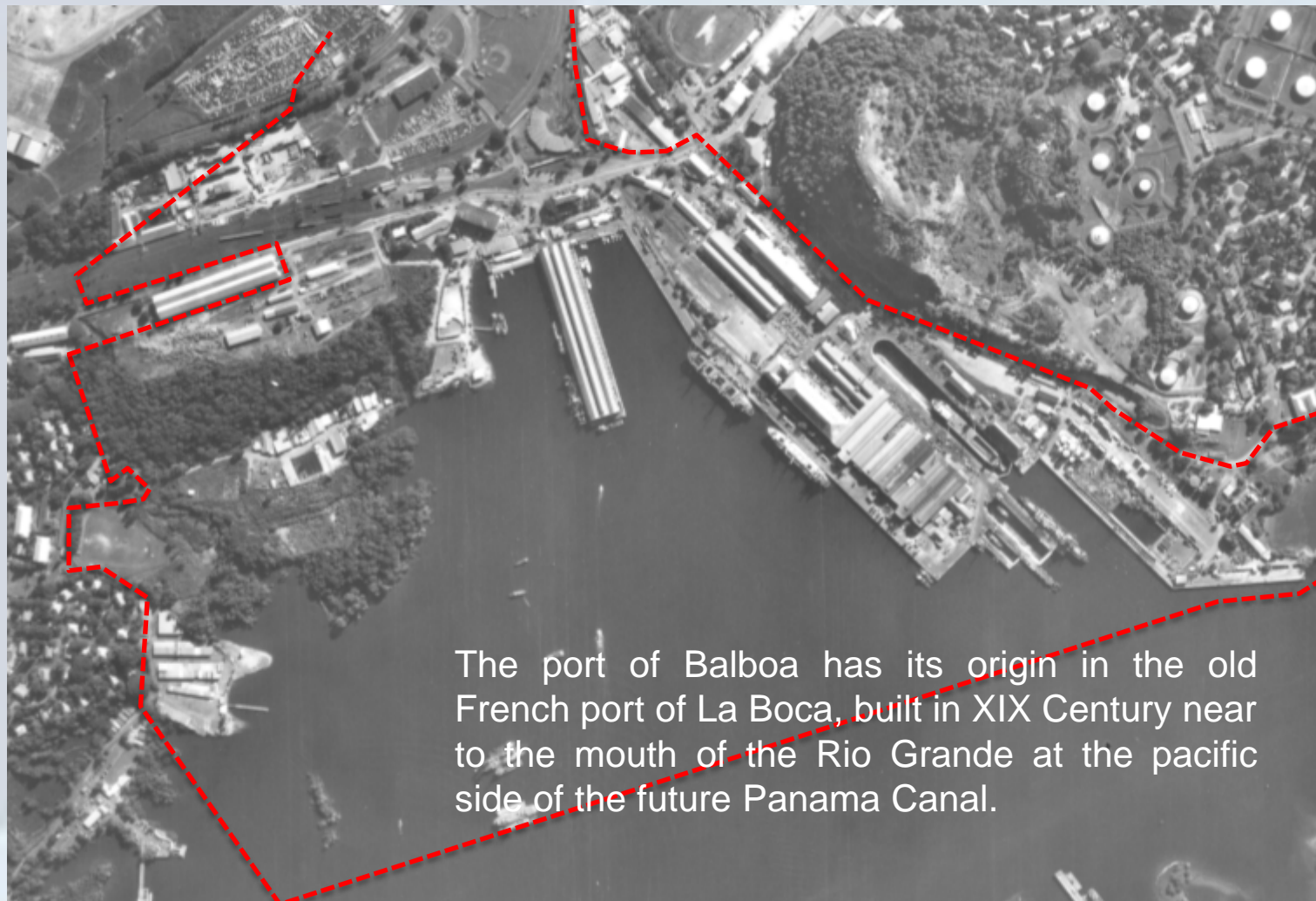


Port of Balboa  
1997



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The port of Balboa has its origin in the old French port of La Boca, built in XIX Century near to the mouth of the Rio Grande at the pacific side of the future Panama Canal.



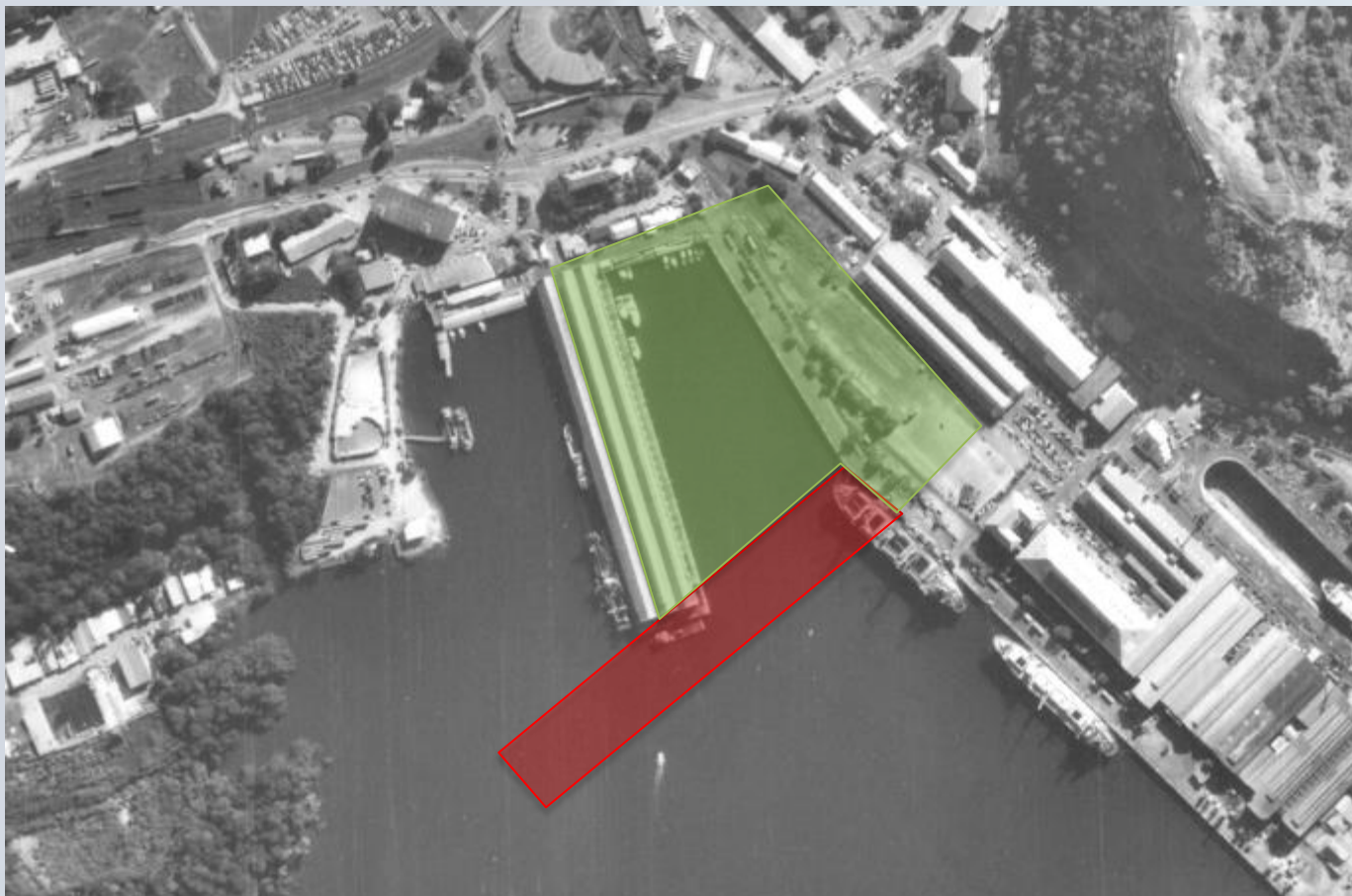


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At that time to facilities were not appropriate to handle containerized cargo.



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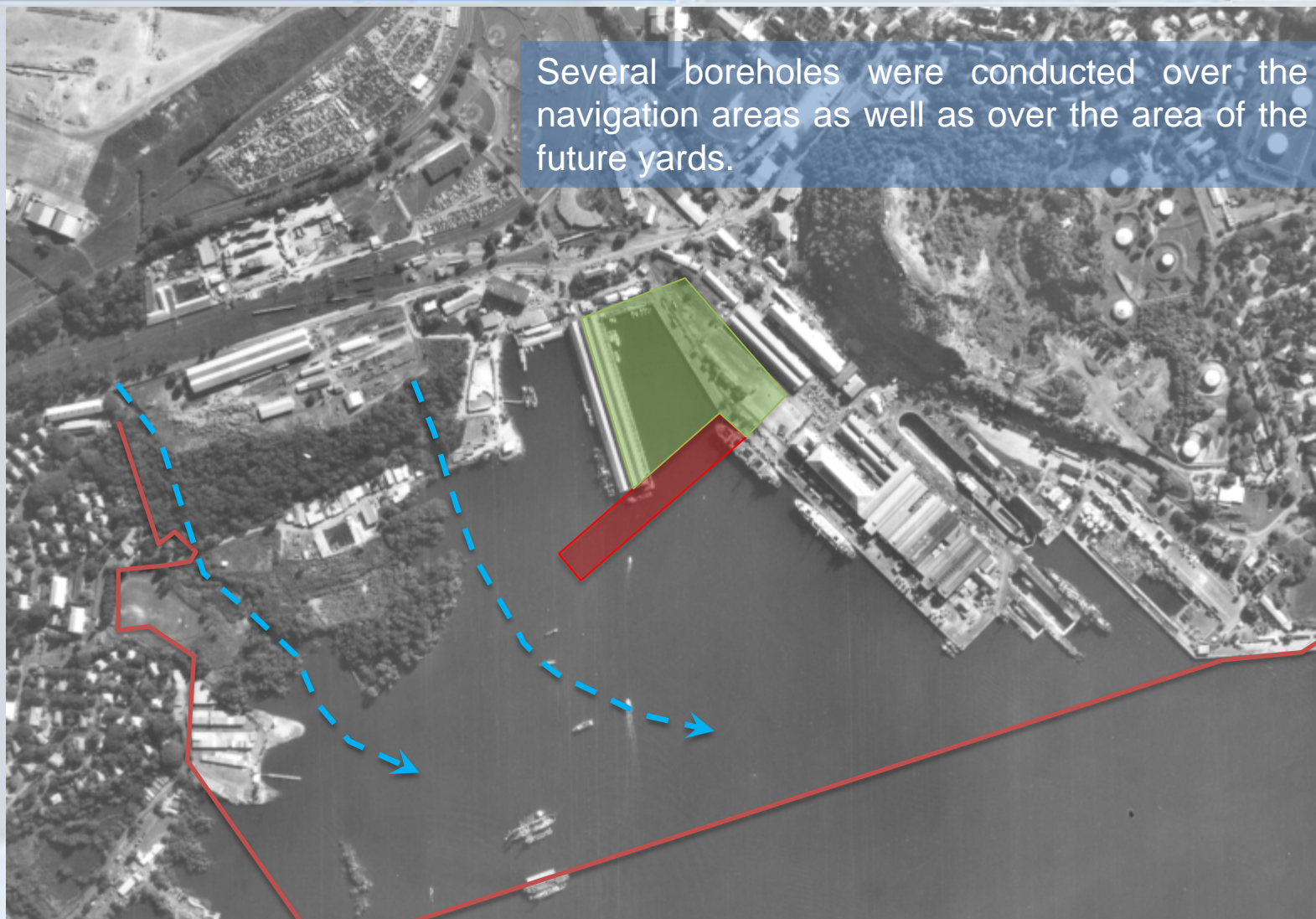
The phases 1 and 2 considered the call of post-panamax vessels with 14.00 m draft, 315 m length and 36 m wide. As a result of the simulations it was decided to dredge the berth pocket at -16.00 m.

The turning basing was designed with 475 m diameter.





Several boreholes were conducted over the navigation areas as well as over the area of the future yards.







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THSD dredgers 8,000 cu.m. cap  
180 day in total



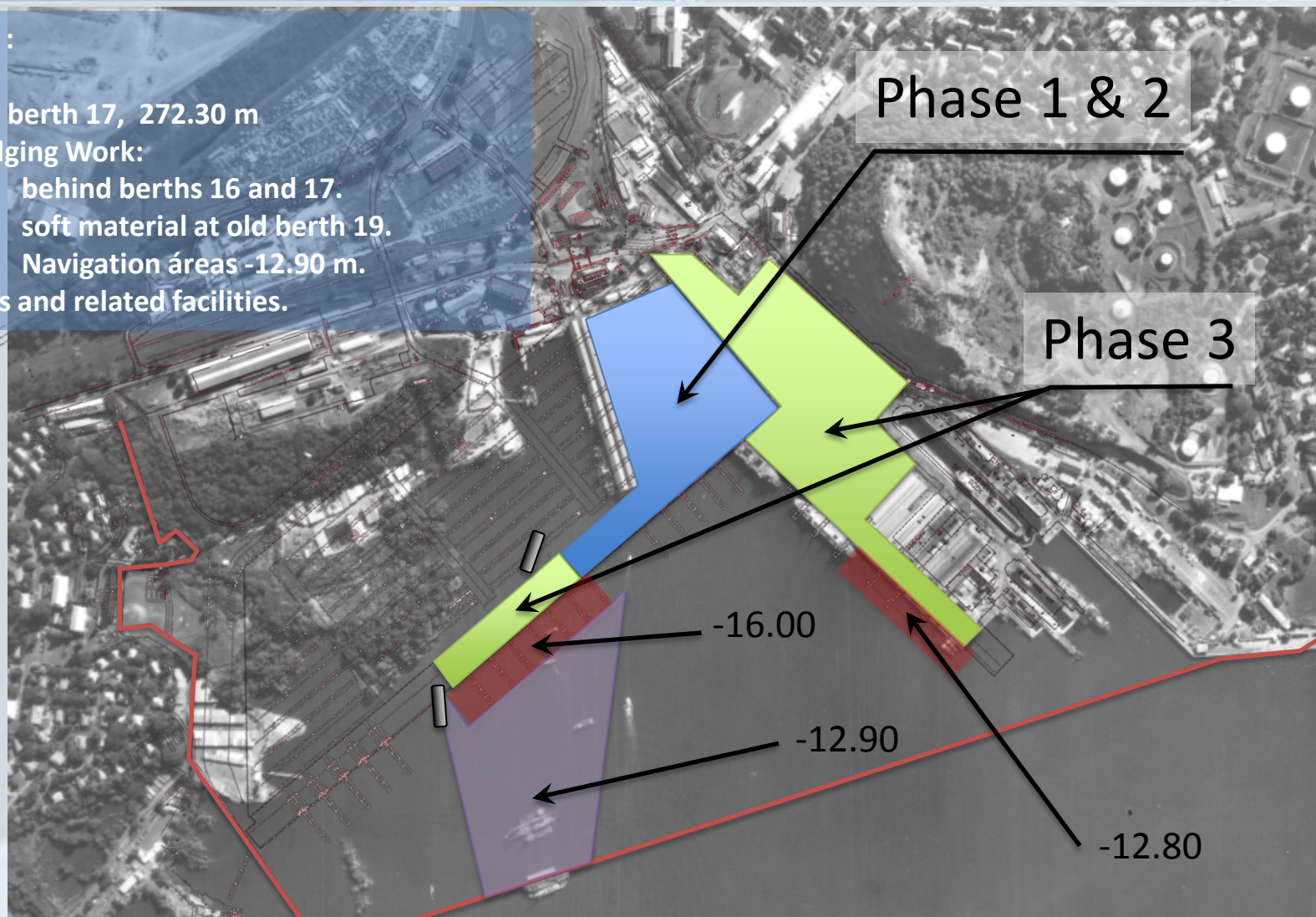
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Phase 3, :

- ✓ New berth 17, 272.30 m
- ✓ Dredging Work:
  - ✓ behind berths 16 and 17.
  - ✓ soft material at old berth 19.
  - ✓ Navigation áreas -12.90 m.
- ✓ Yards and related facilities.







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Phase 3. Dredging works, Capital and Maintenance.

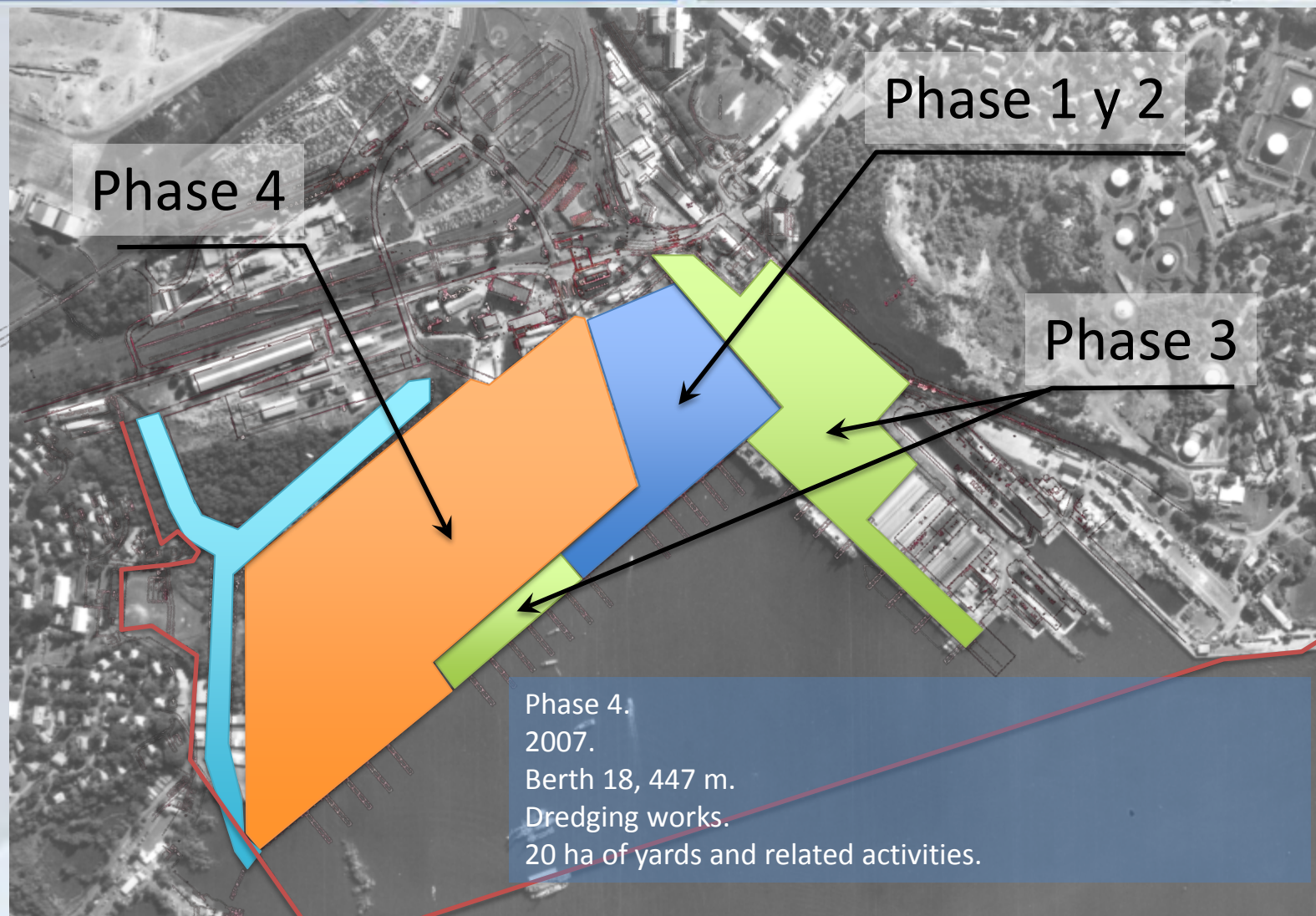


Phase 3



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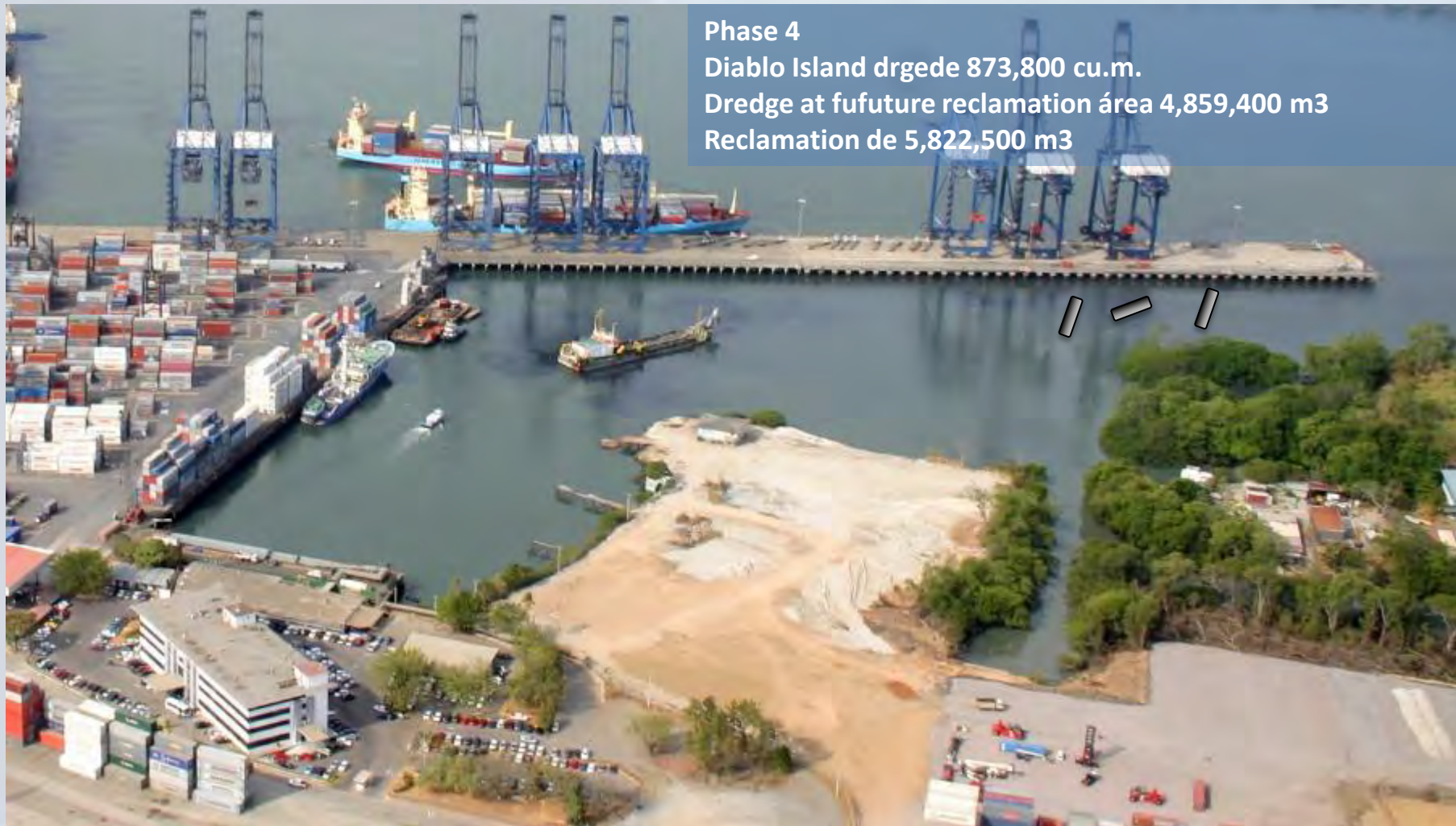


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Phase 4

Diablo Island drgede 873,800 cu.m.

Dredge at fufuture reclamation área 4,859,400 m3

Reclamation de 5,822,500 m3



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5 Posiciones

de atraque



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