

Challenges and Opportunities for the Port of Guaymas

By

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June 16, 2005

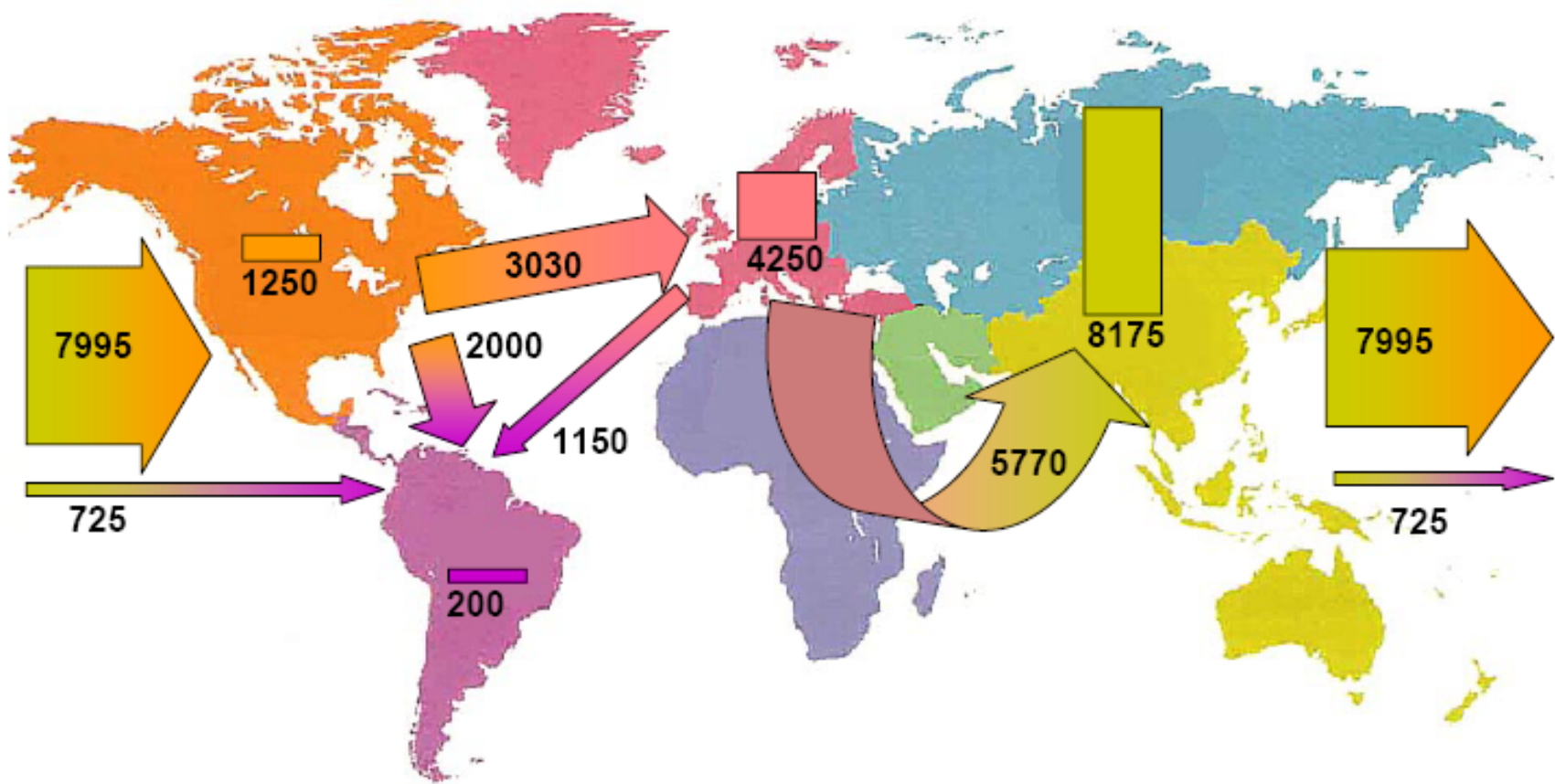
Agenda

- Background Information
- Current Situation of the Port of Guaymas
- Opportunities for the Port of Guaymas
- Potential Opportunities for the Development of the Corridor
- Plan for the Study of the Guaymas-Tucson Corridor



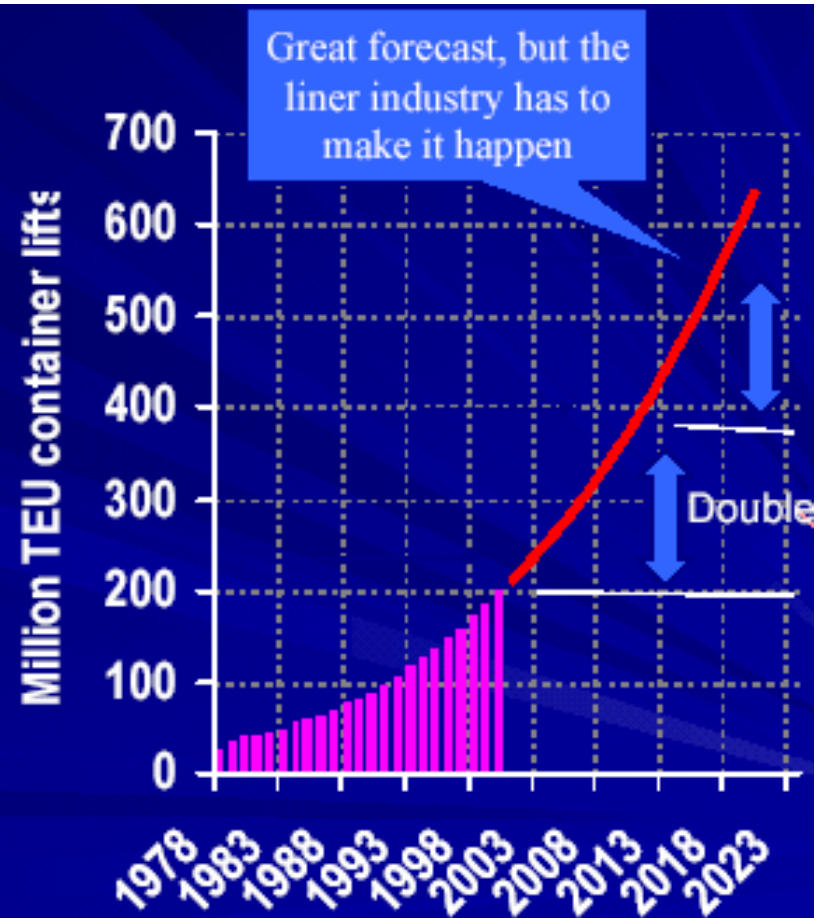
Major Container Trades 1996

'000 TEU/yr arrow points to trade surplus (12% - 30%)



Is the growth sustainable?

- This graph reflects the widely held view that container traffic will grow at around 6% per annum over the next twenty years
- This is not a forecast, it is a challenge!

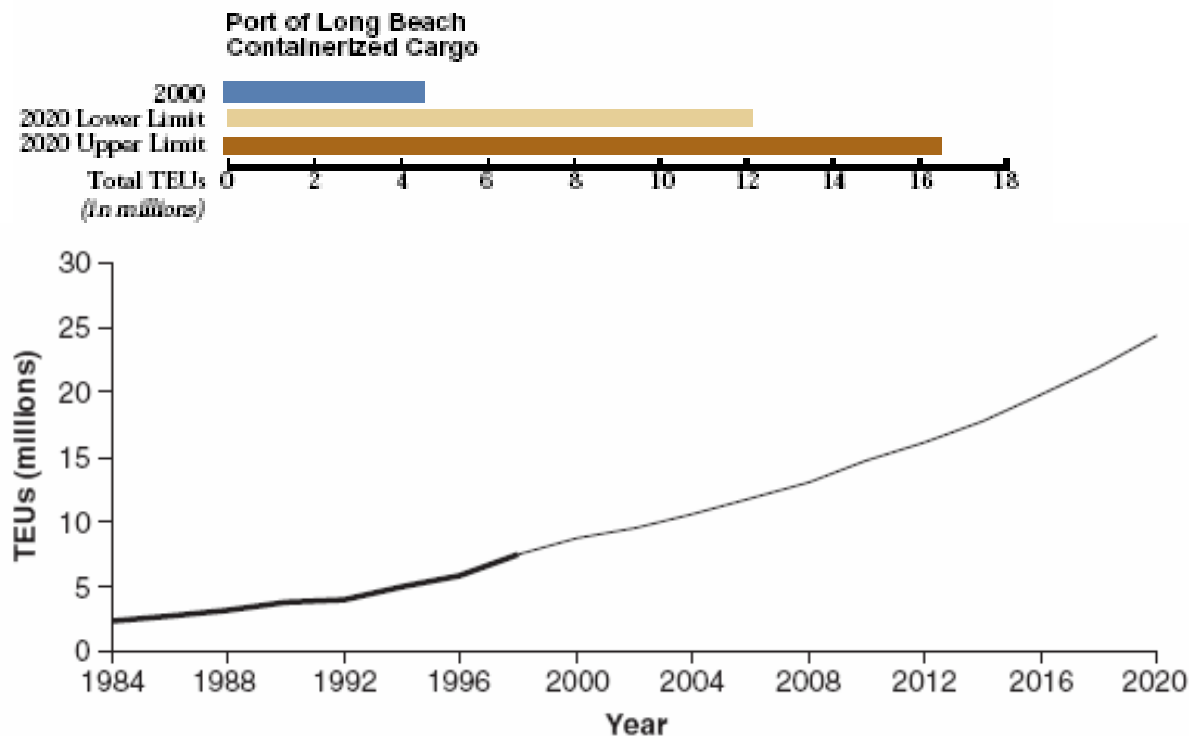


Source: Stopford

Author: Claudio Ferrari

Port of Long Beach Master Plan

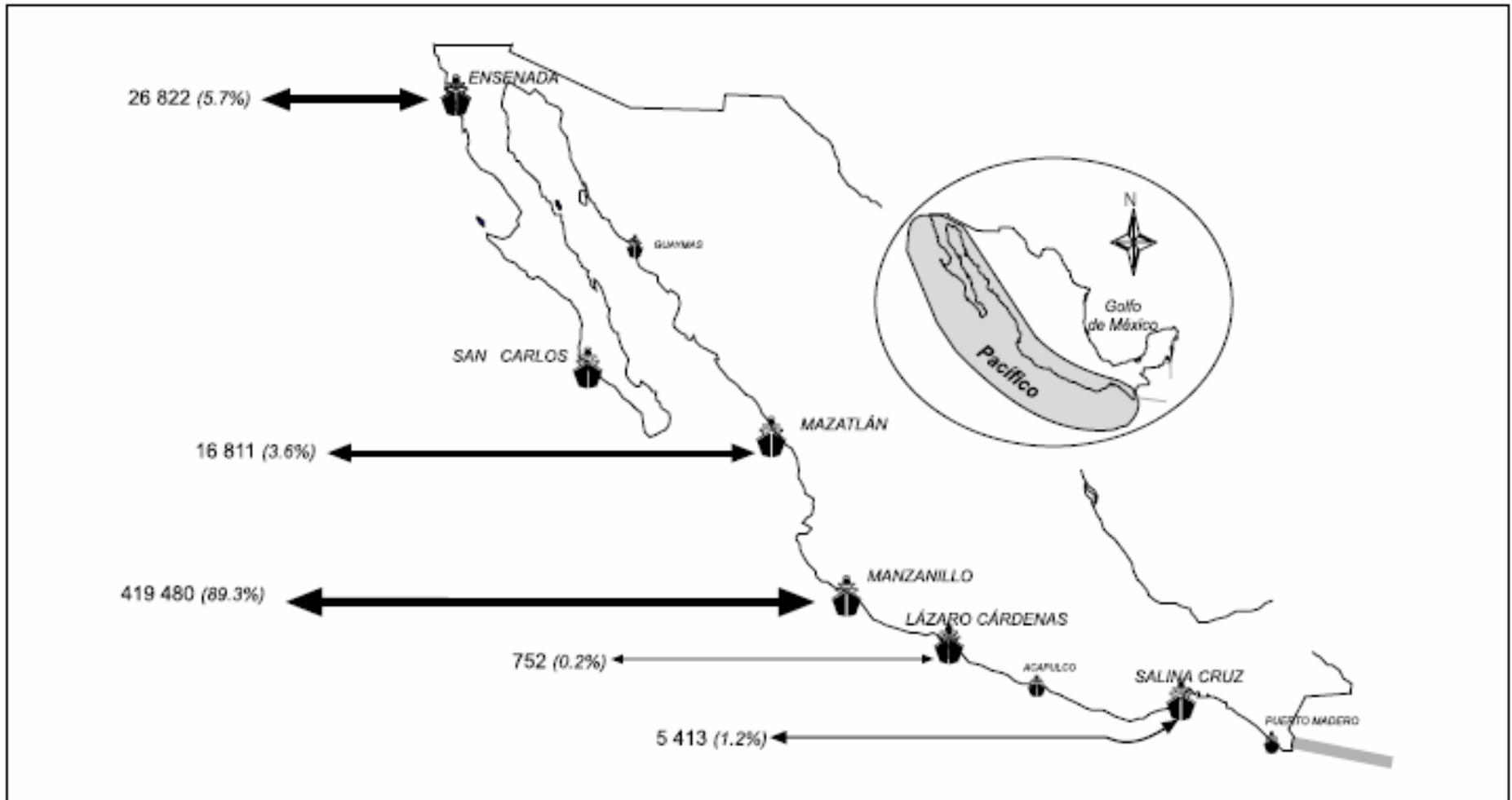
Projected Cargo Throughput (2000-2020)



Container Terminals: Existing container terminals in the Port of Long Beach have a combined maximum practical capacity of 6,454,000 TEUs per year. Since the Port is expected to handle between 12,138,500 and 16,638,500 TEUs in year 2020, container terminal capacity needs to be increased between 5,684,500 and 10,184,500 TEUs by the year 2020.

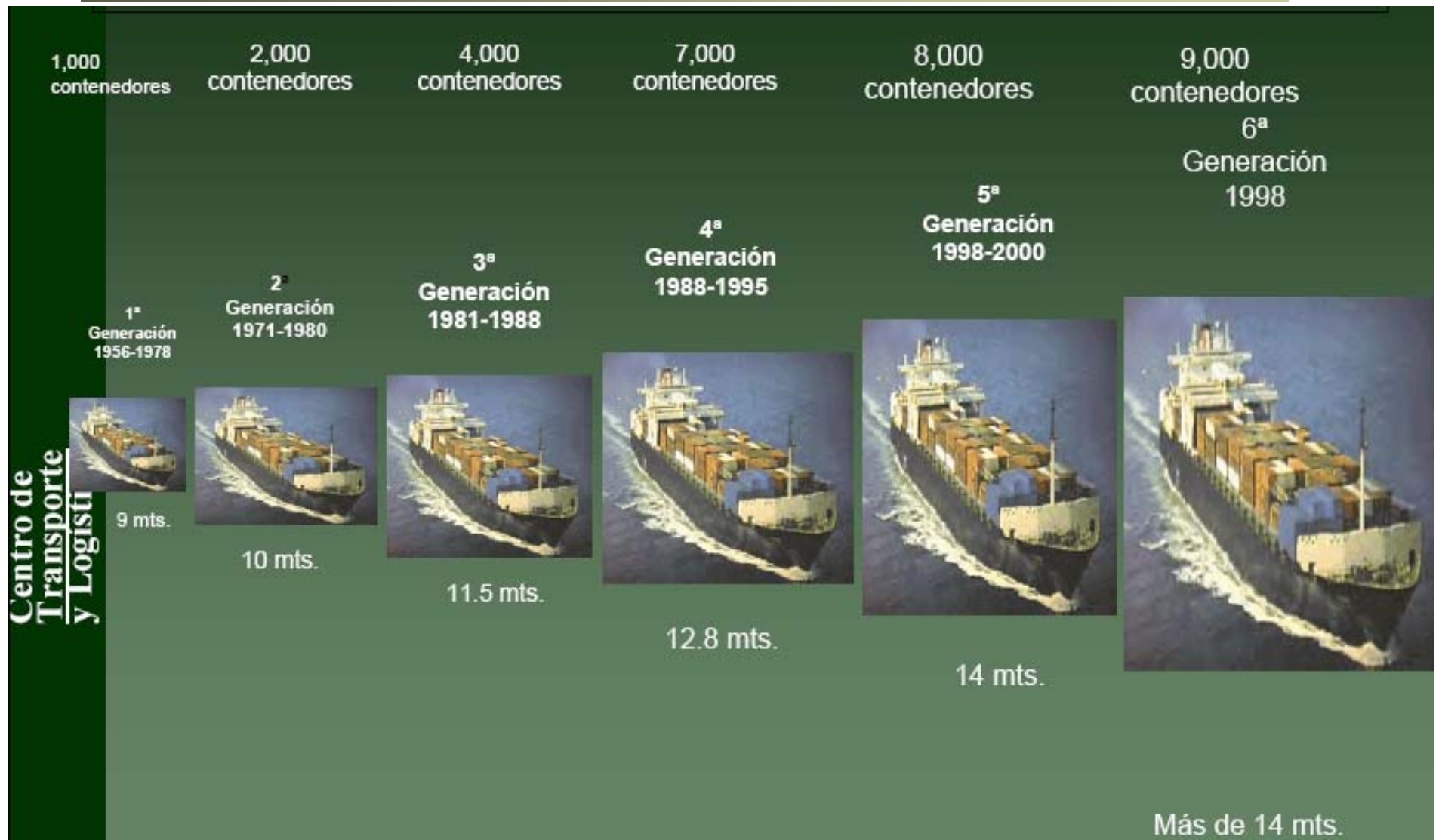
FIGURE 3-17 Container volume, Ports of Los Angeles and Long Beach (1984–1998 historical; 1999–2020 projected). (SOURCE: SCAG 2000.)

Ports in Mexico (2000)



Fuente: Elaboración propia con base en información de la Dirección General de Puertos y Marina Mercante.

Container Generations



5 Docking Positions

E
A
S
T

B
A
N
D

Position 2
Length 219 yards.
Depth 9.5 mts.

Position 3
Length 194 yards.
Depth 10 mts.

Position 4
Length 219 yards.
Depth 11 mts.

SOUTH BAND

Position 6
Length 191 yards.
Depth 13 mts.

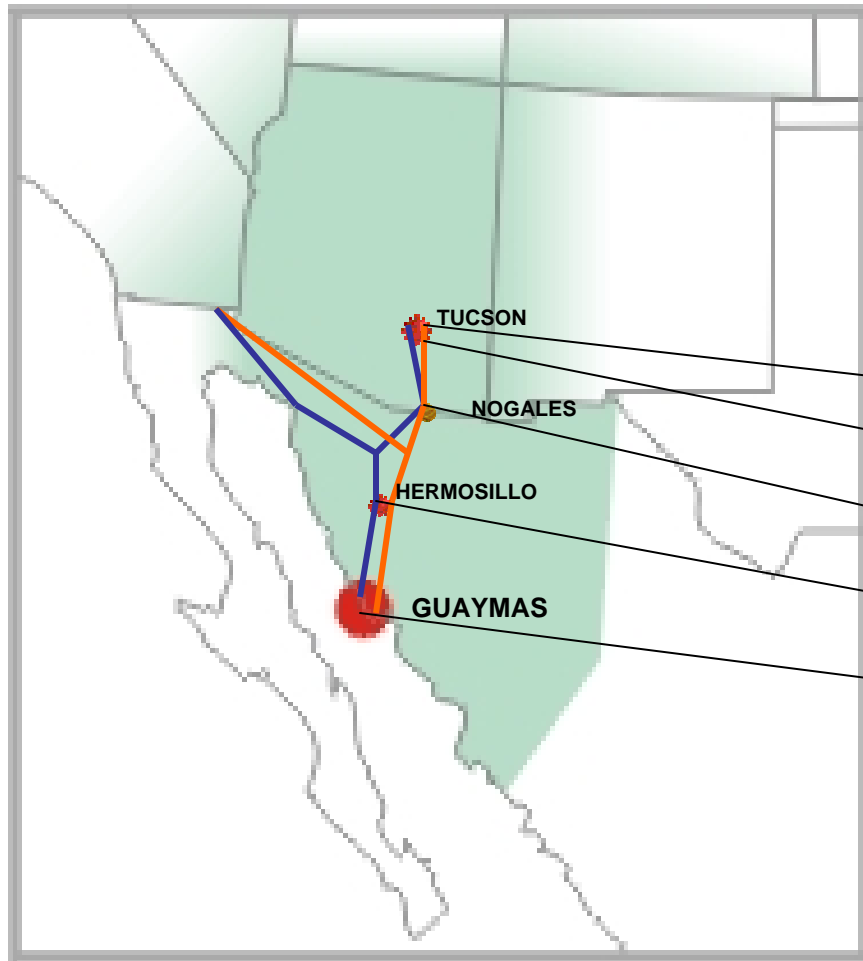
Position 5
Length 191 yards.
Depth 13 mts.



Potential of the Port of Guaymas

- The prospects of containerized demand for local companies Sonora and Arizona (Ford, Motorola, Aerospace).
- Explore the potential of the development of a food supply chain from Mexico and Latin America distributed through Arizona.
- Take advantage of lower rates for shipments going to Asia to increase exports of food and other products.
- The opportunity to add value to the cargo going through the port
- Take advantage of the free trade agreements signed by Mexico/US

Study Area



Facilities:

- Puerto Nuevo
- Port of Tucson
- Nogales POE
- Ford Multimodal facility
- Port of Guaymas

Links:

-  Main highways
-  Rail links

Distance in miles

Guaymas-Nogales	248
Guaymas- Tucson	312

Potential of the Corridor

- Market this corridor as a secure, fast and reliable alternative to I-10 and West Coast Ports.
- Higher integration of the region in terms of high-tech manufacturing, tourism and commerce.
- Promote the efficient use of the infrastructure located in the area of study.
- Develop innovative logistical services for the benefit of companies both sides of the border

Proposal to the Arizona-Mexico Commission

- Understand what has previously done in terms of studies related to transportation and logistics on the Guaymas-Arizona corridor
- Identify duplication/complimentarily of the efforts done in this regard by Arizona and Mexico. In particular in terms of:
 - Understanding and documenting the characteristics of the corridor
 - Estimation of the capacity and demand of the corridor
 - Estimation of future growth and develop scenarios along the corridor
 - Development of potential investment alternatives for improving the present and future performance of the corridor, in particular from a logistics perspective
 - Prescribe the best plan of action based on the studies

Plan for Phase I

- Identification, assessment and classification of previous studies dealing with the Corridor
- Documentation of current conditions of the Port of Guaymas
- Identification of the major links and nodes of the transportation network between the Port of Guaymas and Tucson
- Documentation of the capacity of each of the nodes
- Determination of baseline cargo scenario
- Determination of expected transit times between Guaymas and Tucson
- Bottlenecks identification
- Interim report preparation

Plan for Phase II

- Refinement of the capacity study
- Identification of Infrastructure improvements and their effects
- Analysis of Operations of the Port of Guaymas
- Identification of comparative logistics/supply chain advantages of the use of the Port of Guaymas
- Matching the Logistics advantages with appropriate industry segments
- Exploration of opportunities of collaboration for value added activities in the Port of Guaymas
- Preparation of a strategic Road Map for the development of the corridor