SCT
SECRETARÍA DE COMUNICACIONES Y TRANSPORTES

GUAYMAS
COORDINACIÓN GENERAL DE PUERTOS Y MARINA MERCANTE

PUERTO DE GUAYMAS EXPANSION PROJECT

CITY OF FOUNDED 1775 TUCSON

PAG
Pima Association of Governments

November 2013

OFFICIAL DEPTH-47.5 FT./ -14.5 mts.

BUSINESS TODAY

Grains Bulk

Mineral Bulk

General Cargo

Fuels

Fluids

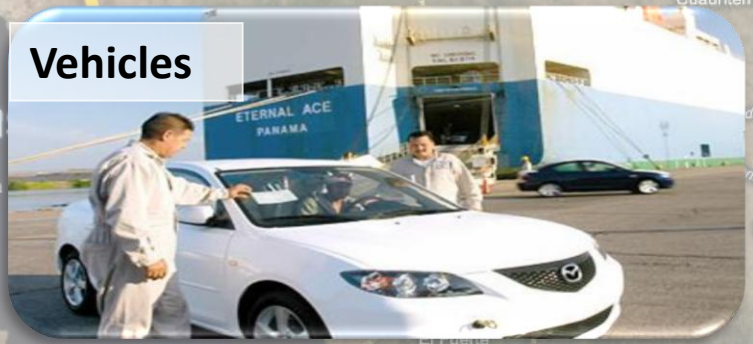
Cruise Ship

Guaymas-Arizona
Guaymas-Mexicali
Multimodal Corridor

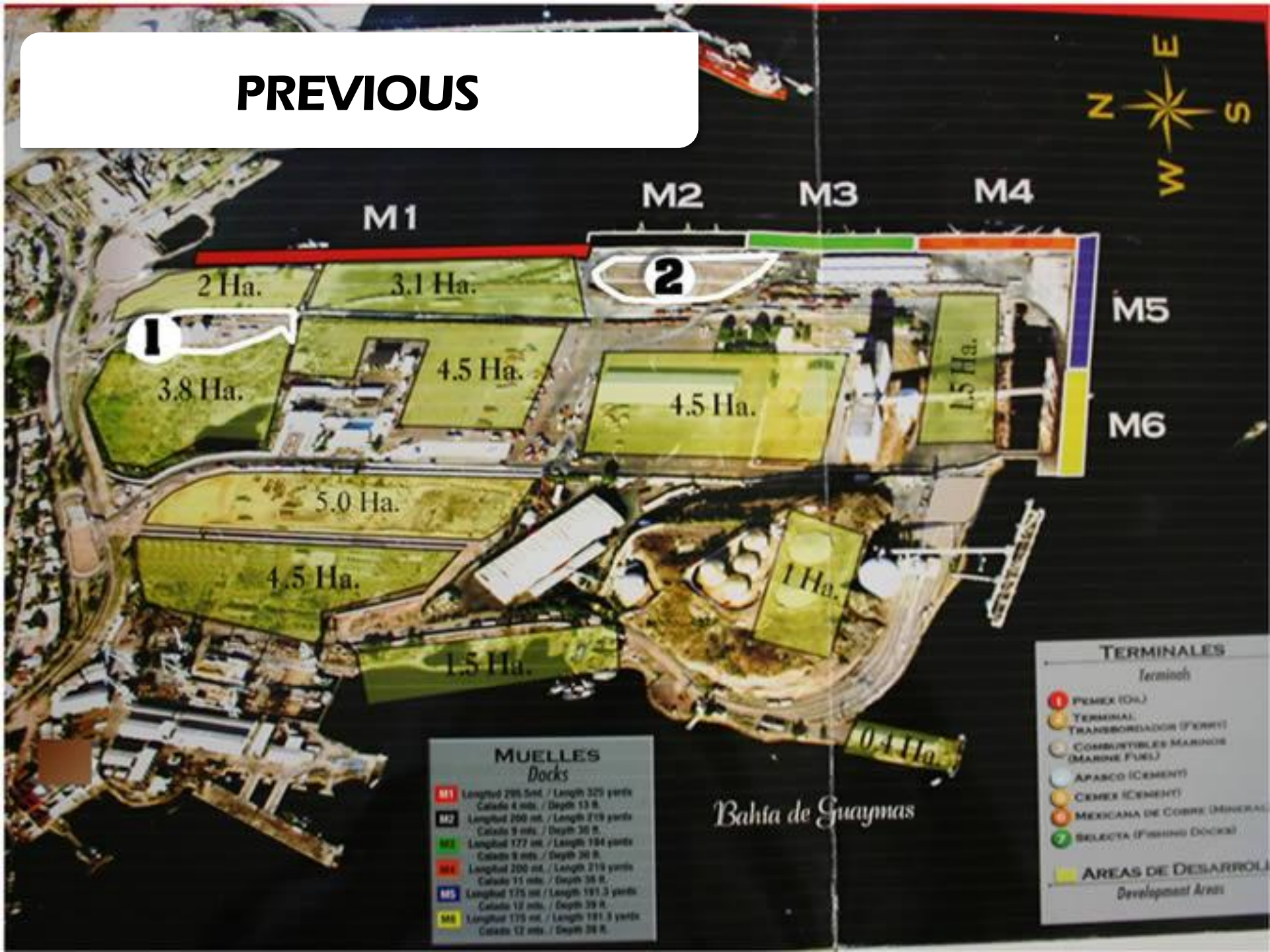
Containers

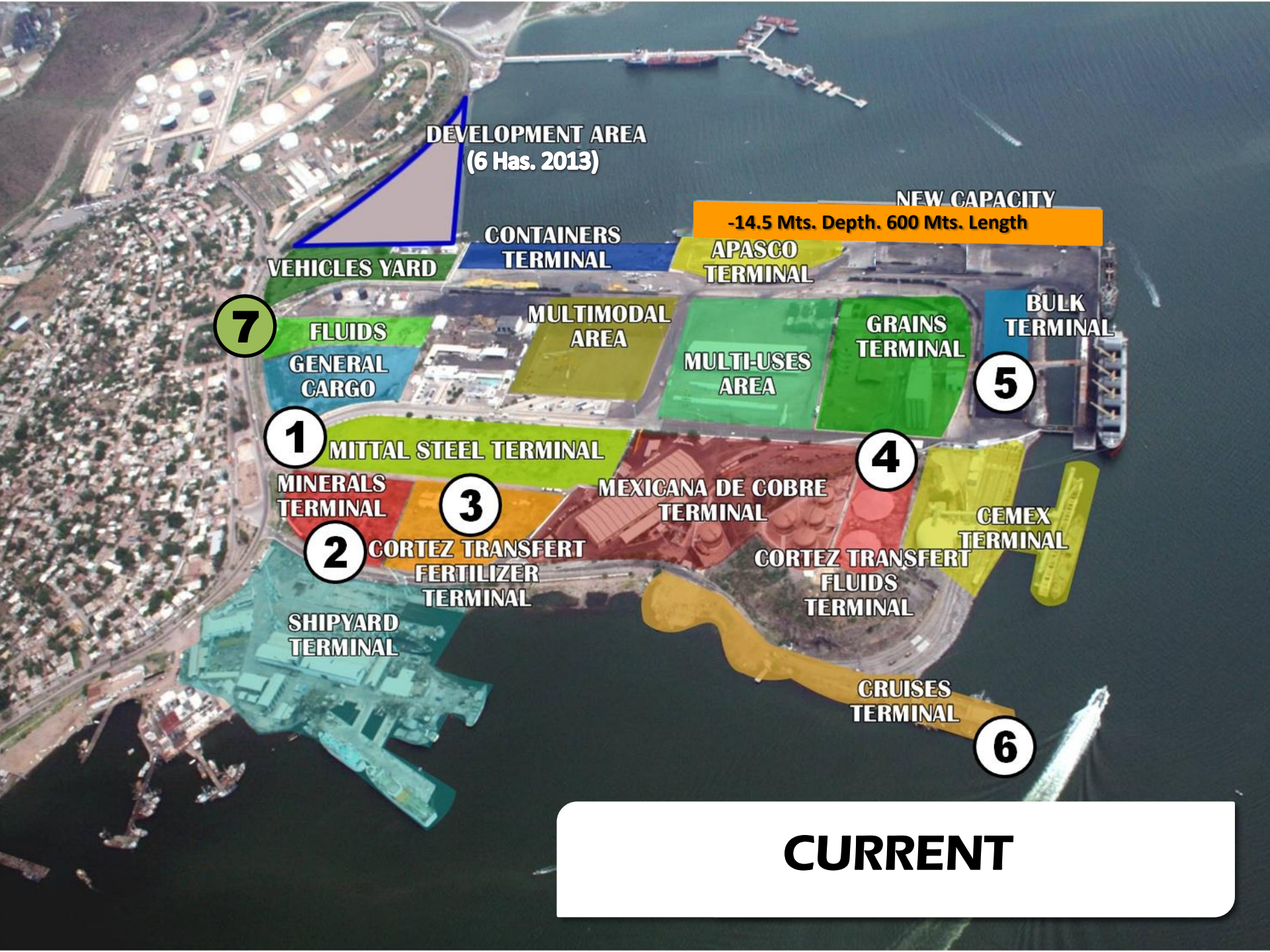
BUSINESS IN PROGRESS

Vehicles



PREVIOUS

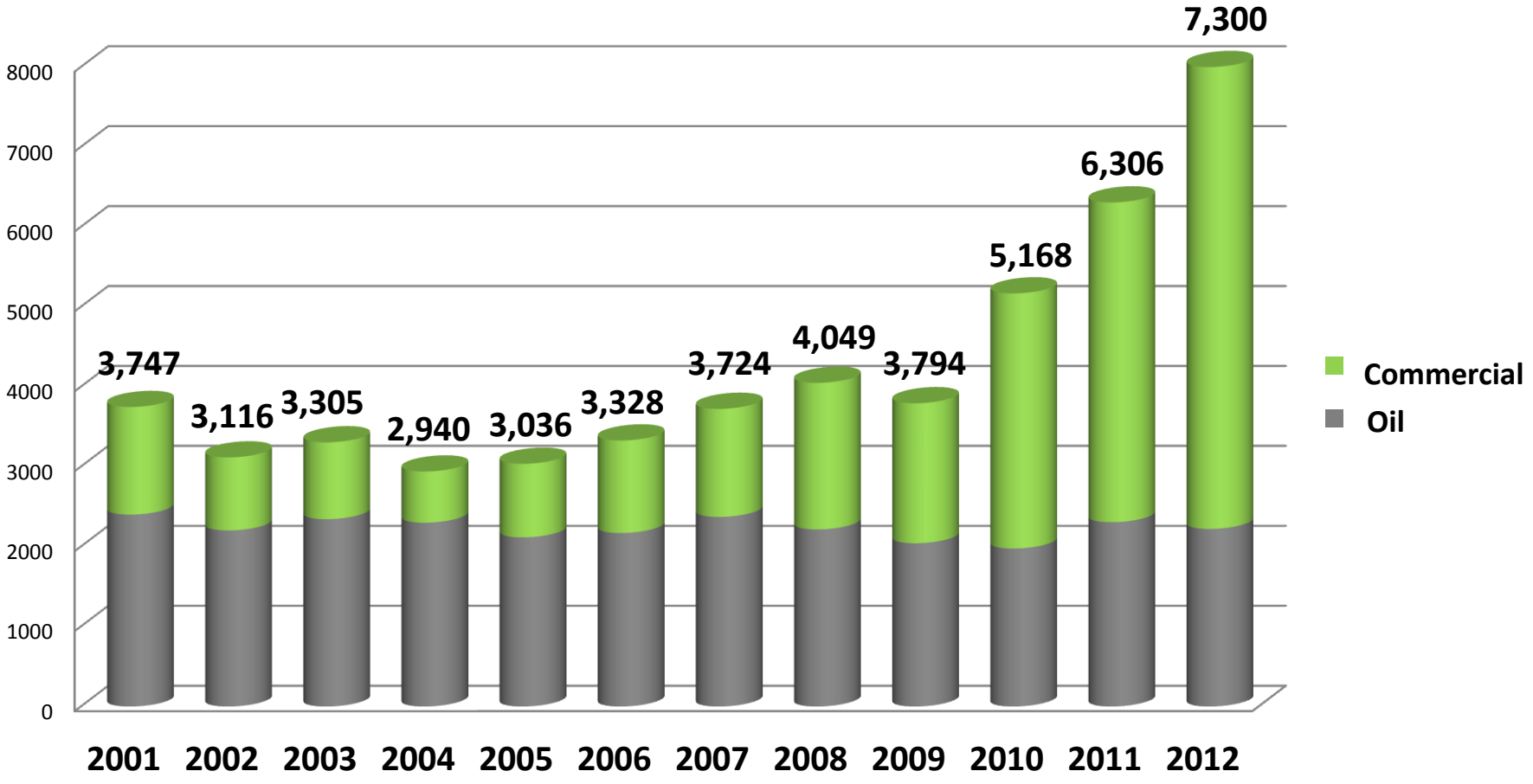

N
E
S
W
M1
M2
M3
M4
M5
M6
1
2
2 Ha.
3.1 Ha.
3.8 Ha.
4.5 Ha.
4.5 Ha.
1.5 Ha.
5.0 Ha.
4.5 Ha.
1 Ha.
1.5 Ha.
0.4 Ha.
MUELLES
Docks
TERMINALES
Terminals
Bahía de Guaymas


DEVELOPMENT AREA
(6 Has. 2013)
NEW CAPACITY
-14.5 Mts. Depth. 600 Mts. Length
CONTAINERS TERMINAL
APASCO TERMINAL
VEHICLES YARD
7
FLUIDS
GENERAL CARGO
MULTIMODAL AREA
MULTI-USES AREA
GRAINS TERMINAL
BULK TERMINAL
5
1
MITTAL STEEL TERMINAL
4
MINERALS TERMINAL
3
MEXICANA DE COBRE TERMINAL
CEMEX TERMINAL
2
CORTEZ TRANSFERT FERTILIZER TERMINAL
CORTEZ TRANSFERT FLUIDS TERMINAL
SHIPYARD TERMINAL
CRUISES TERMINAL
6

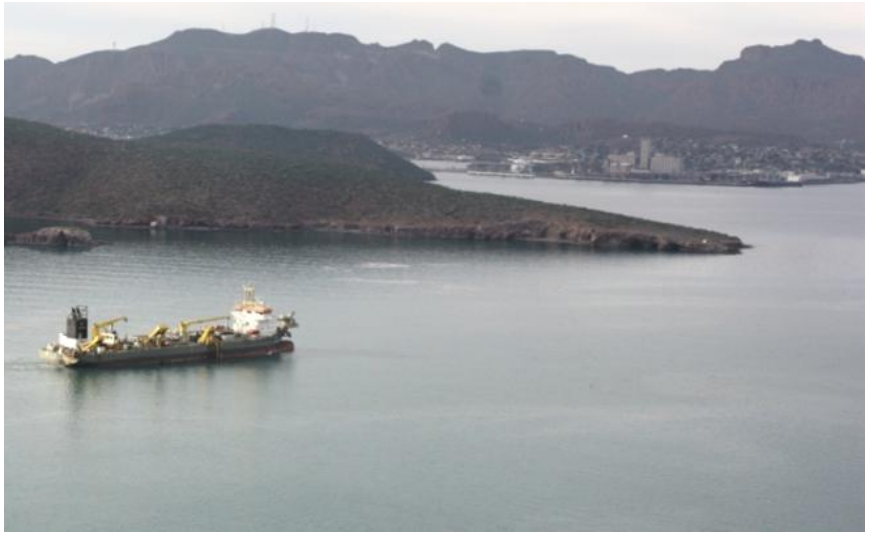
CURRENT

TOTAL CARGO EVOLUTION

(Thousand Tons)



LATEST IMPROVEMENTS



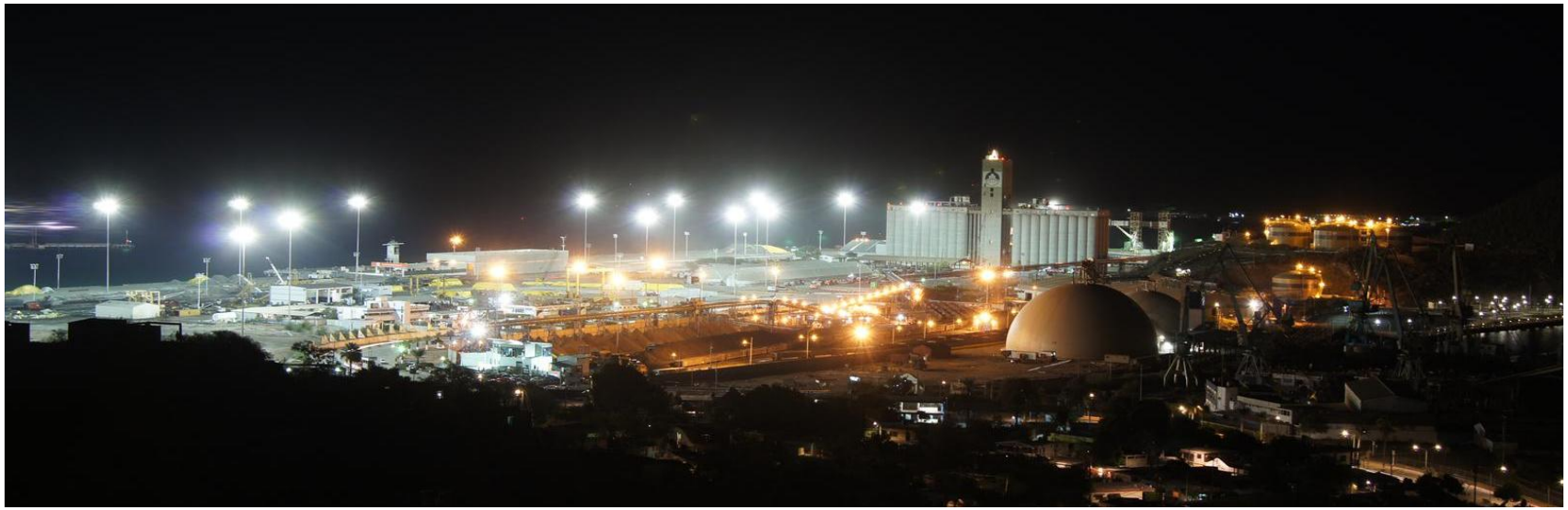
New Port Capacity -47.5 Depth

Maneuverability Study Updated

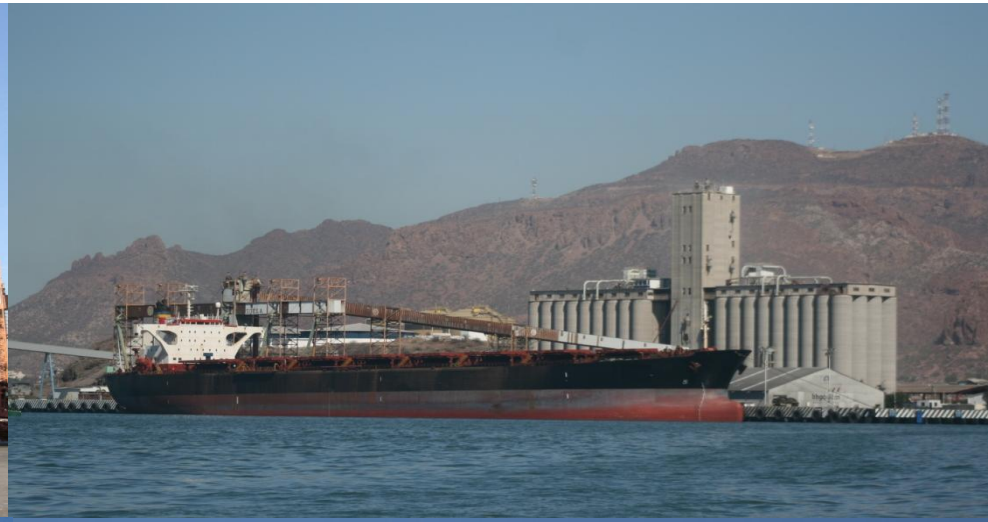
New Infrastructure for Cargo

Acquisition of New Technologies

NEW LIGHTING SYSTEM



- **Ship capacity /draft**
- **(-47 ft Draft)**
- **Loading Capacity 100,000 tons.**



LOGISTIC TRADE ZONE
Railroad to Nogales & Cd. Obregón
Empalme
LTZ
Puerto de Guaymas
198 Ac.
6 Distance from the Sea Port
RailRoad Facility Connected
4 Federal lines Highway Connectivity Energy and Water Supply
Federal Highway No.15 Guadalajara-Nogales

Logistic Trade Zone

PALLADON VENTURES

ROSEMONT COPPER
Resourceful.

Sincui International ltd
Bringing Commodities Closer

TEC

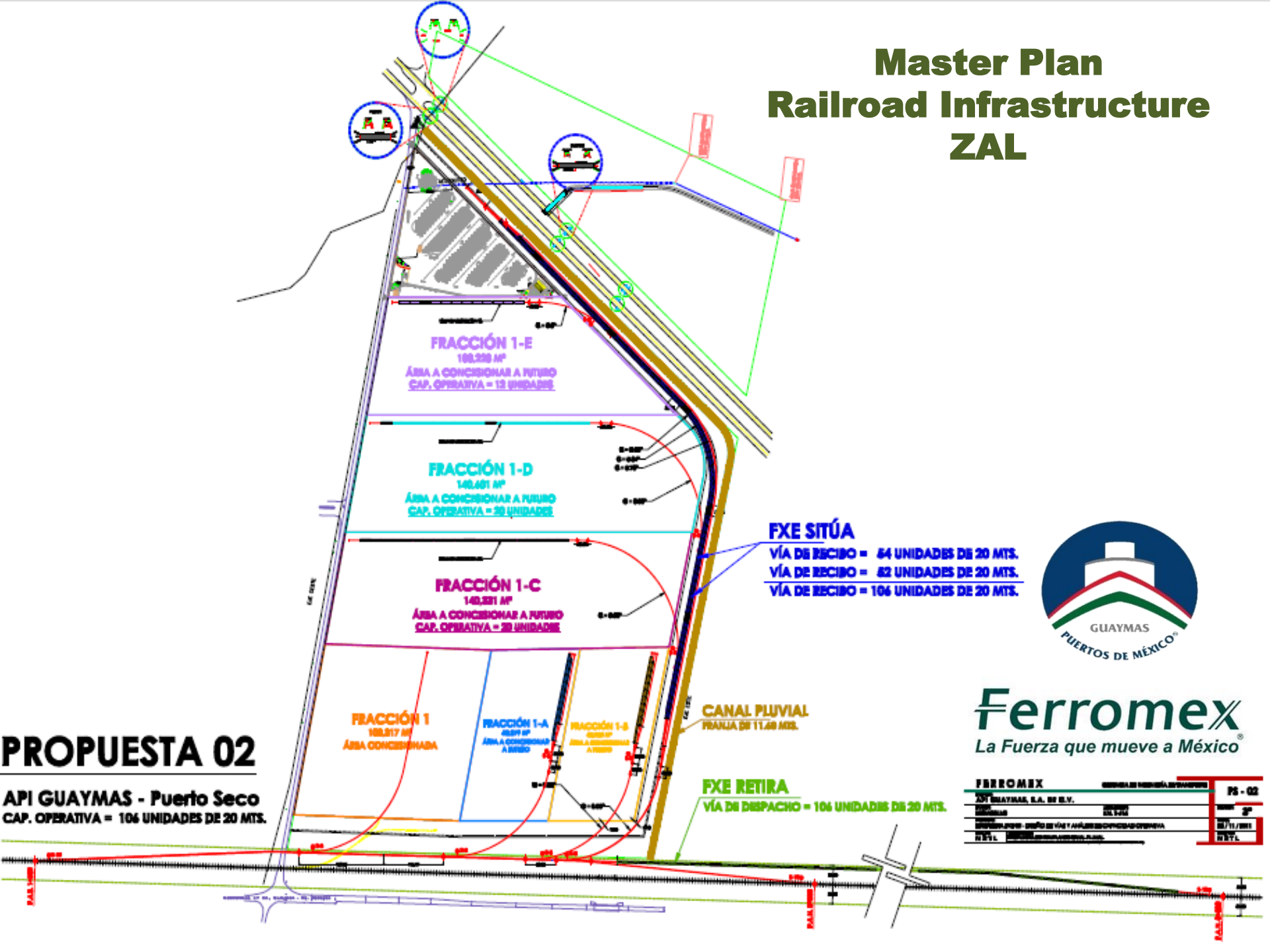
Vopak

Wallach Iron & Metal Inc.

СИБУР
МИНЕРАЛЬНЫЕ УДОБРЕНИЯ

PASHA

Master Plan
Railroad Infrastructure
ZAL



GUAYMAS
PUERTOS DE MÉXICO

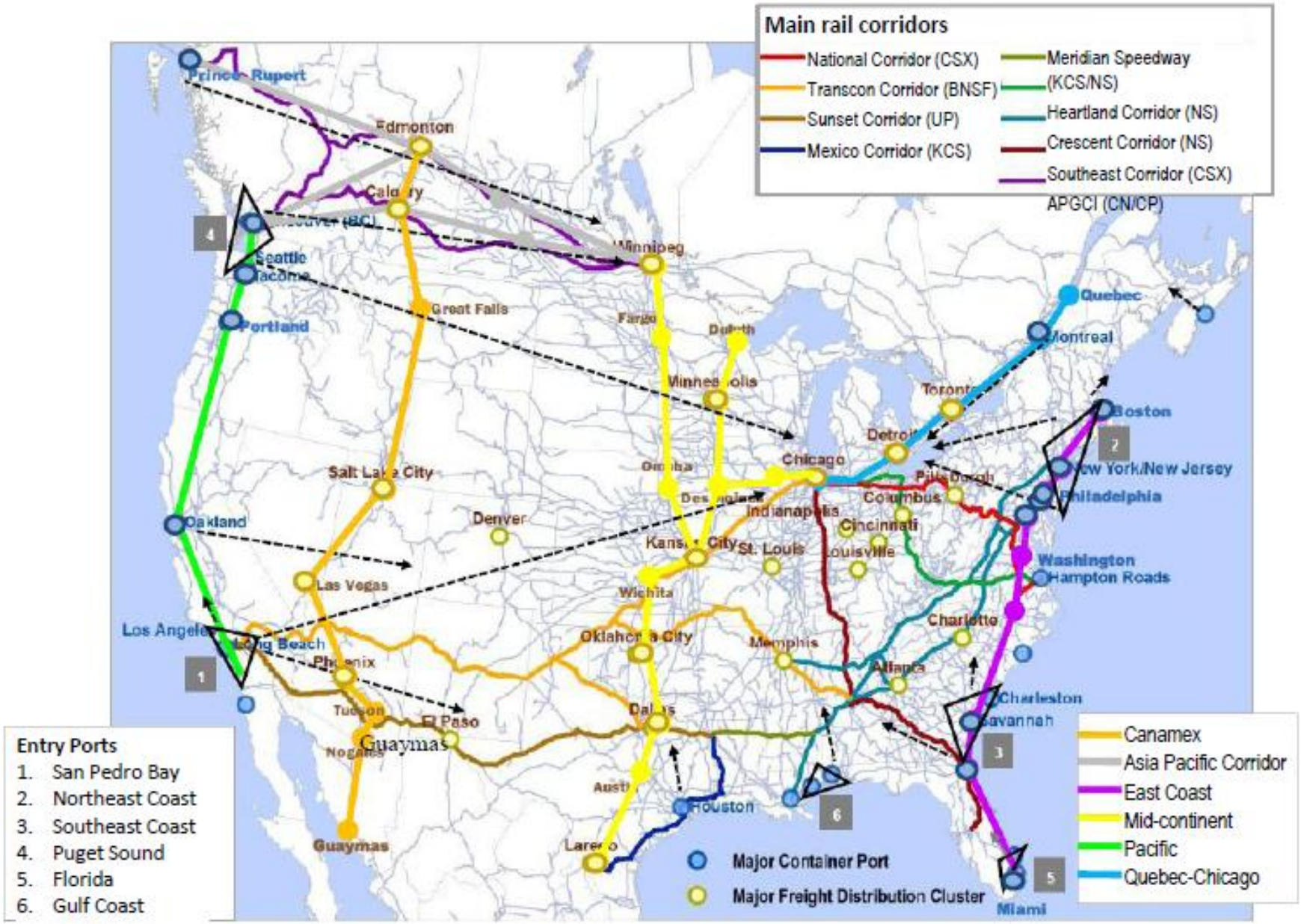
Ferromex
La Fuerza que mueve a México

PROPUESTA 02

API GUAYMAS - Puerto Seco
CAP. OPERATIVA = 106 UNIDADES DE 20 MTS.

LOGISTIC ACTIVITIES ZONE

CONNECTIVITY



GUAYMAS NEW CONTAINER SERVICE

MSC Mexico announced the start of the regular container service at the port of Guaymas starting February, 24th. The MSC "Prospect" with a 1,300 container capacity is scheduled to start the traffic, which began regular services every week or ten days between the ports of Guaymas, Mazatlan and Manzanillo.

MEDITERRANEAN SHIPPING COMPANY

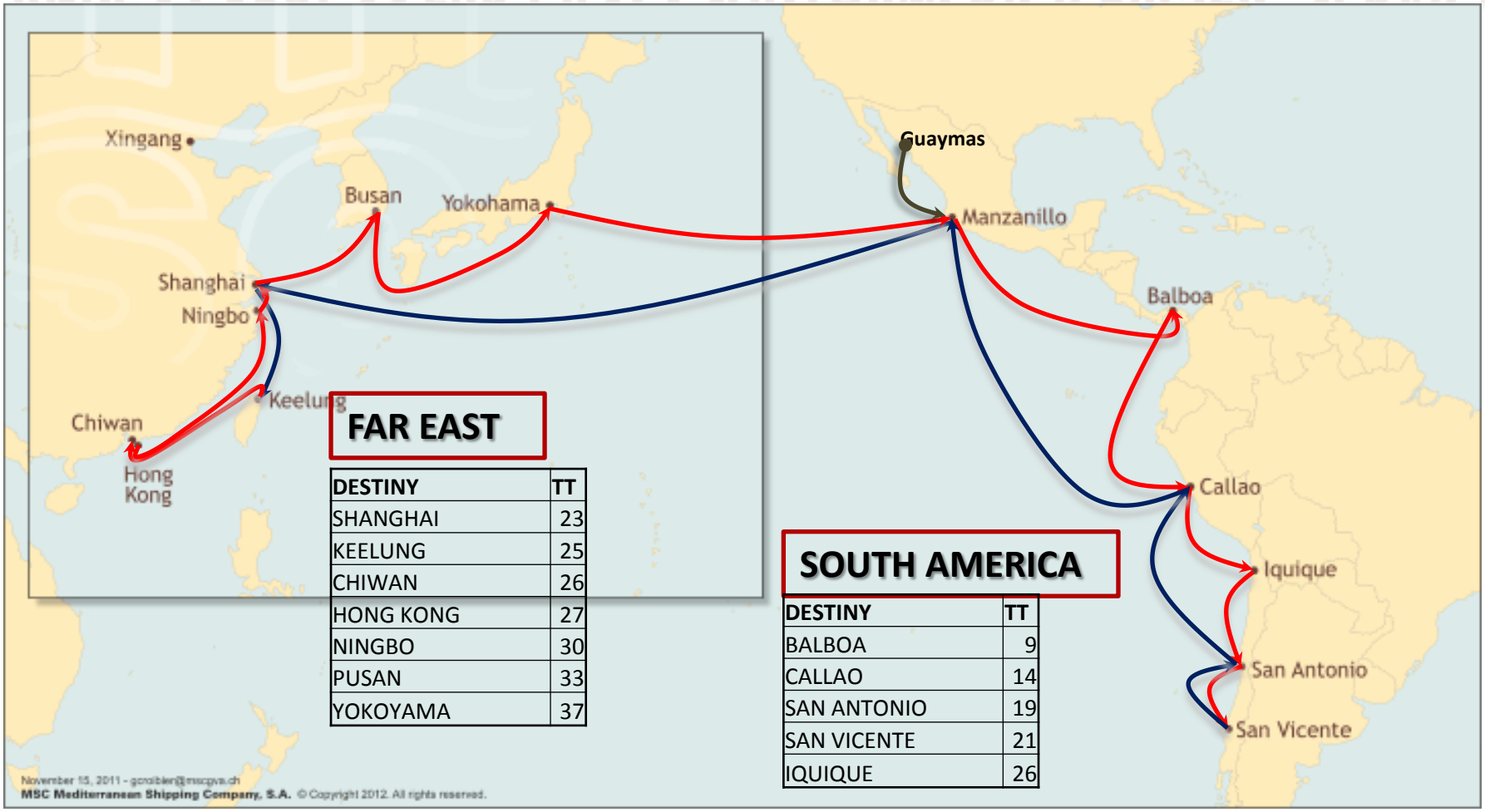
MAYA SERVICE
MANZANILLO – MAZATLAN - GUAYMAS SERVICE

Manzanillo – Mazatlan :1 Day

Mazatlan Guaymas : 1 Day

Guaymas - Manzanillo: 2 Days

ANDES EXPRESS FAR EAST - SOUTHAMERICA PACIFIC SERVICE



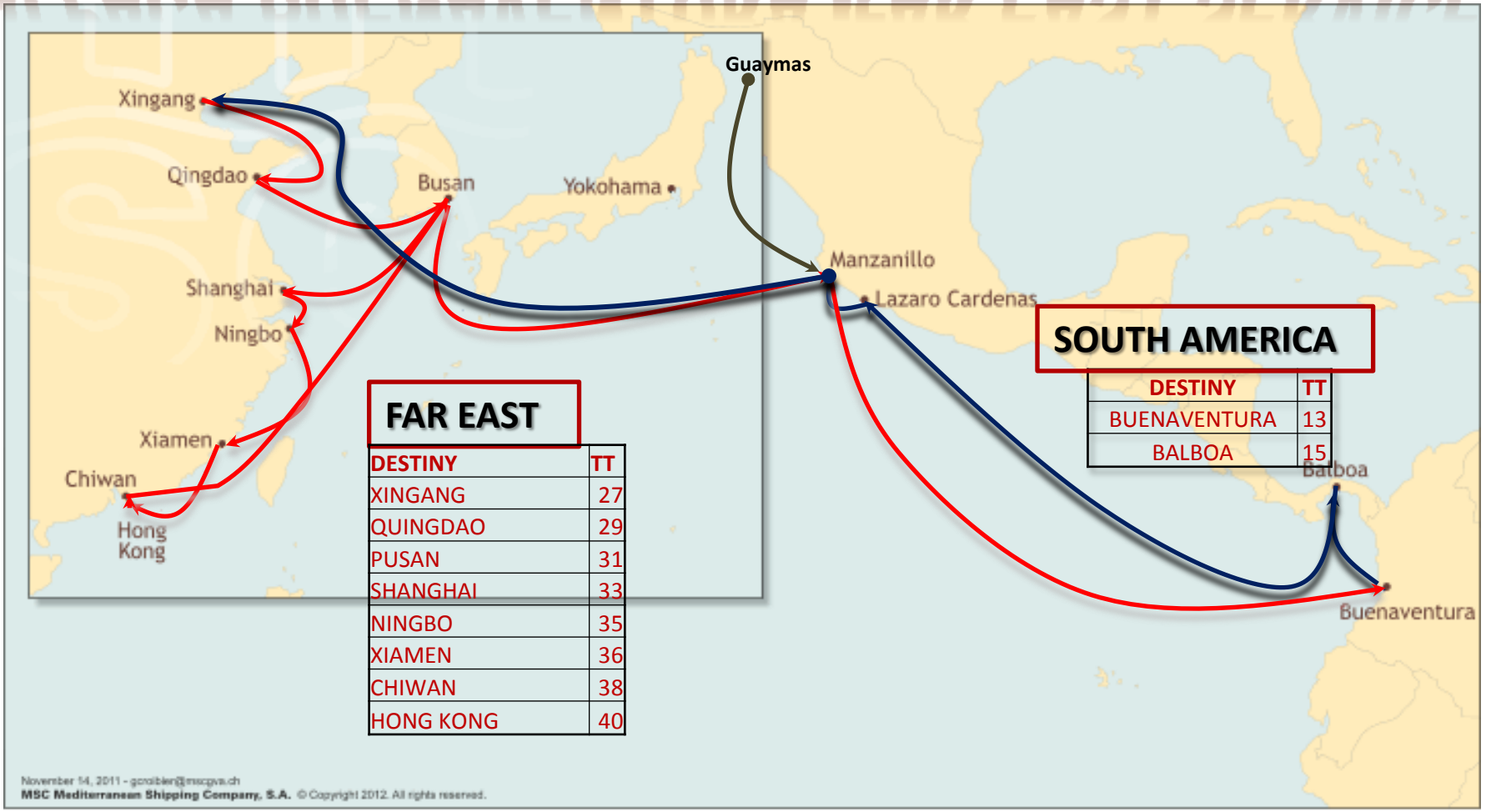
FAR EAST

DESTINY	TT
SHANGHAI	23
KEELUNG	25
CHIWAN	26
HONG KONG	27
NINGBO	30
PUSAN	33
YOKOYAMA	37

SOUTH AMERICA

DESTINY	TT
BALBOA	9
CALLAO	14
SAN ANTONIO	19
SAN VICENTE	21
IQUIQUE	26

ALPACA BUENAVENTURA -FAR EAST SERVICE



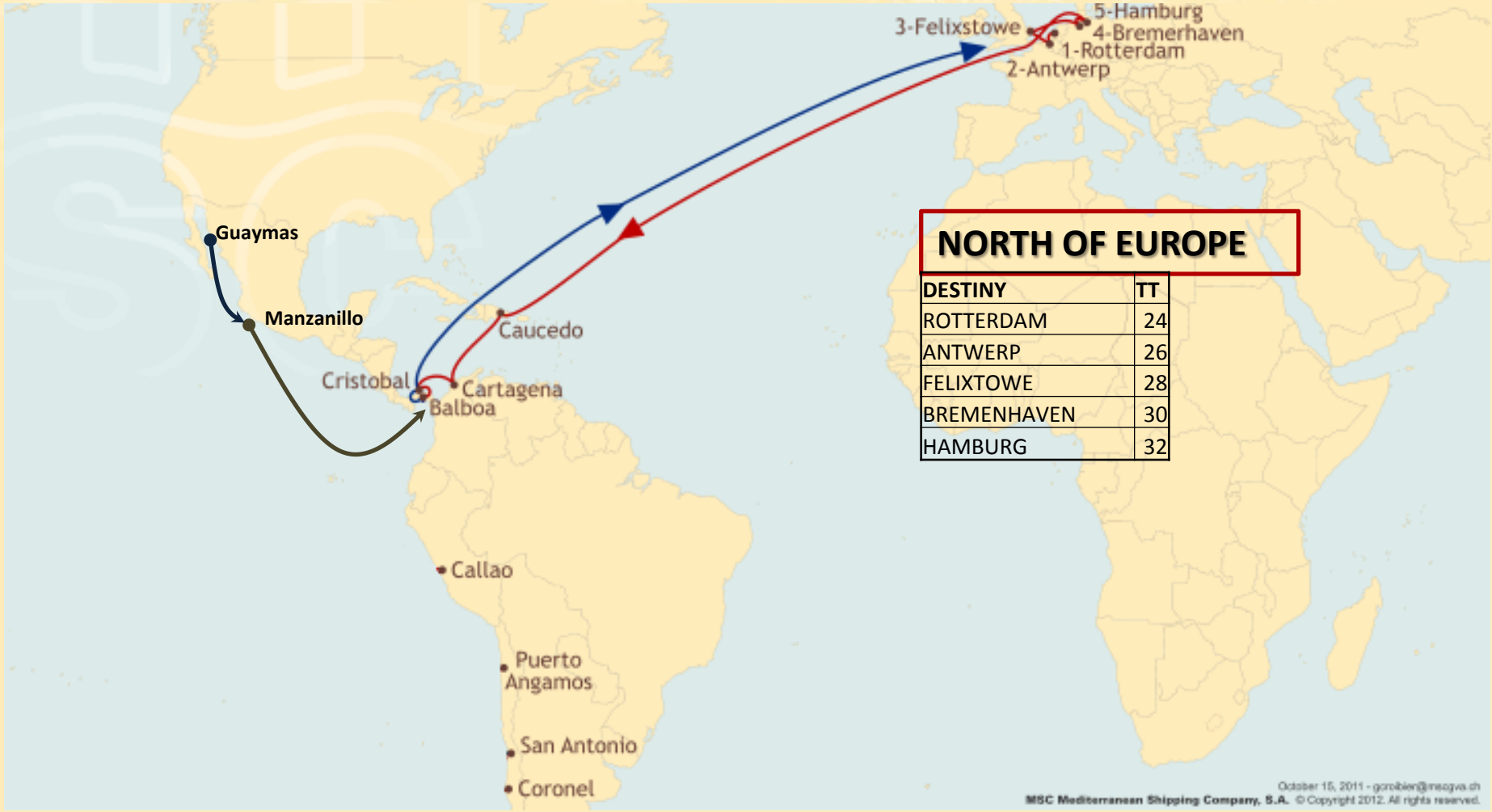
FAR EAST

DESTINY	TT
XINGANG	27
QUINGDAO	29
PUSAN	31
SHANGHAI	33
NINGBO	35
XIAMEN	36
CHIWAN	38
HONG KONG	40

SOUTH AMERICA

DESTINY	TT
BUENAVENTURA	13
BALBOA	15

GUAYMAS TO NORTH OF EUROPE ATLANTIC SERVICE



NORTH OF EUROPE

DESTINY	TT
ROTTERDAM	24
ANTWERP	26
FELIXTOWE	28
BREMENHAVEN	30
HAMBURG	32

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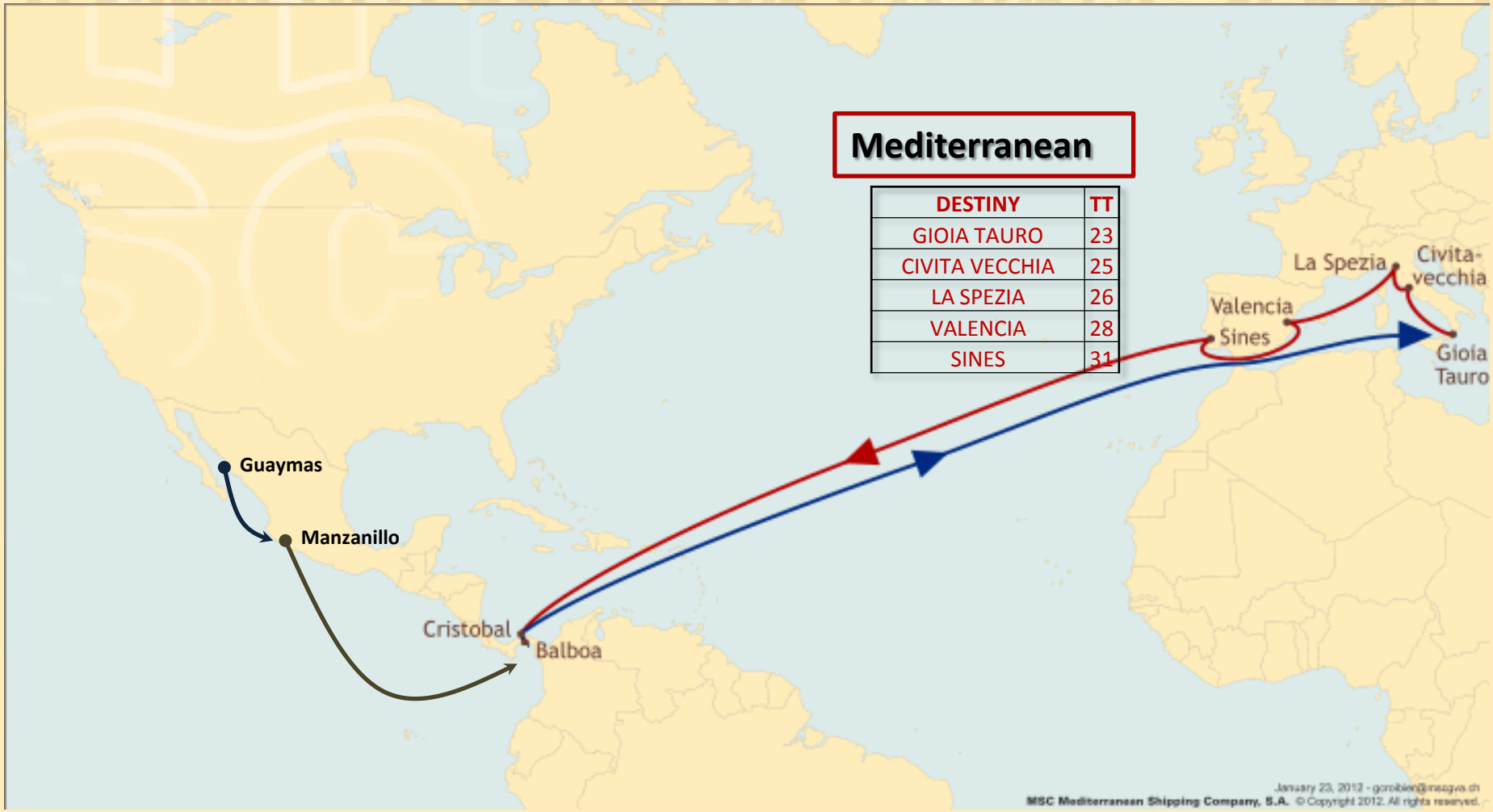
USA-MEDITERRANEAN ATLANTIC SERVICE



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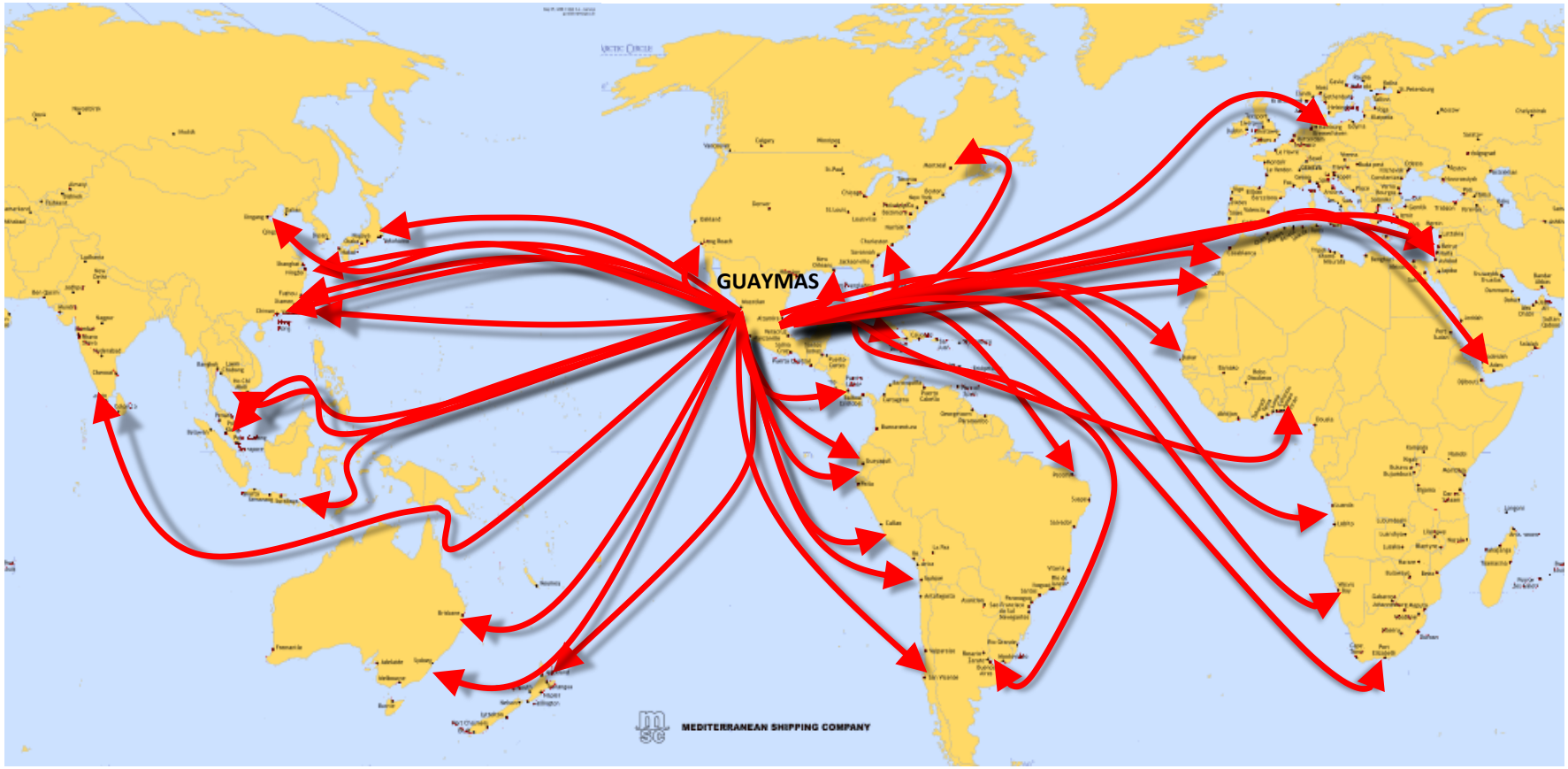
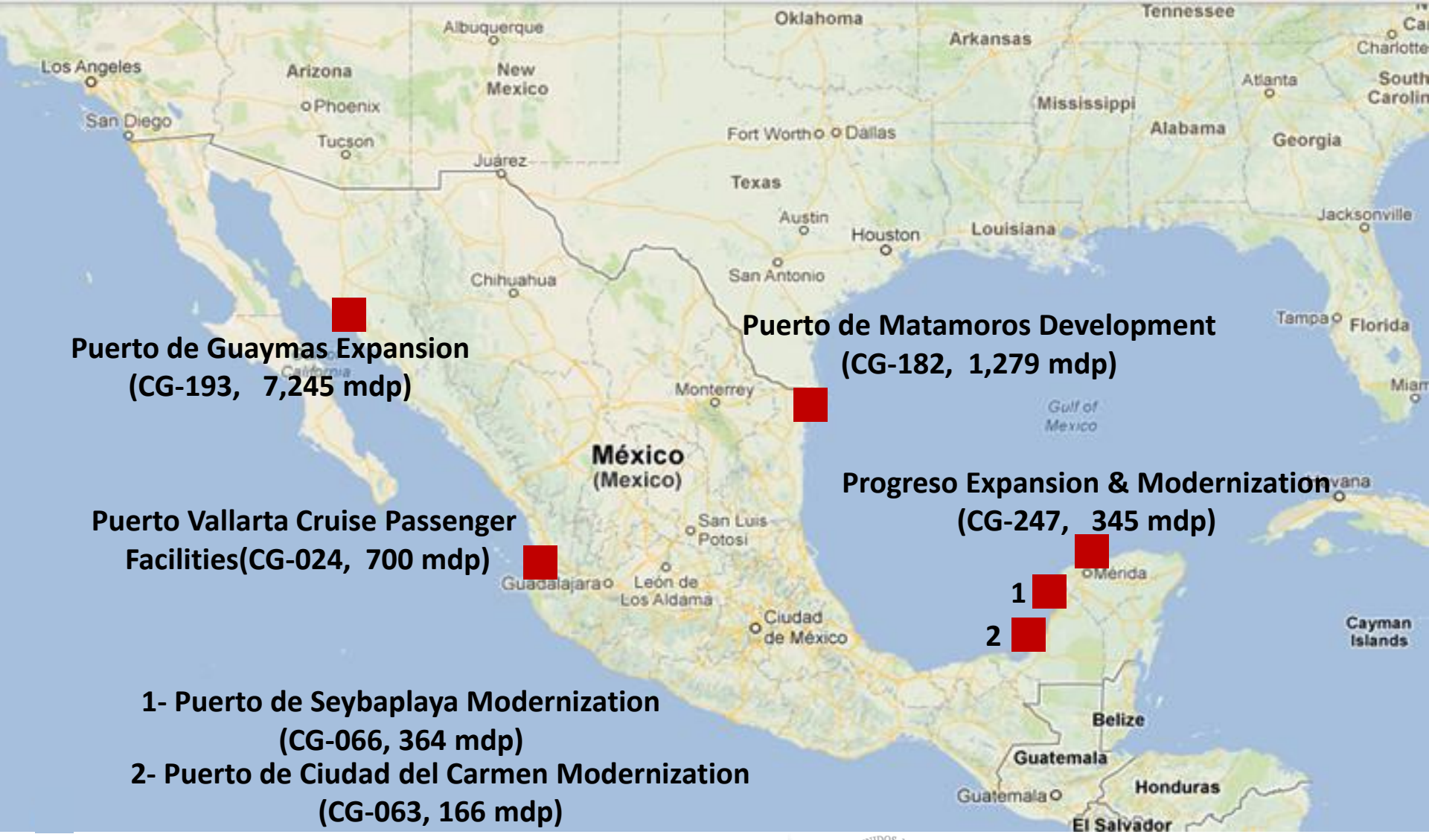
LAZARO CARDENAS-CENTRAL AMERICA SERVICE

FROM GUAYMAS MEXICO TO ANYWHERE IN THE WORLD...

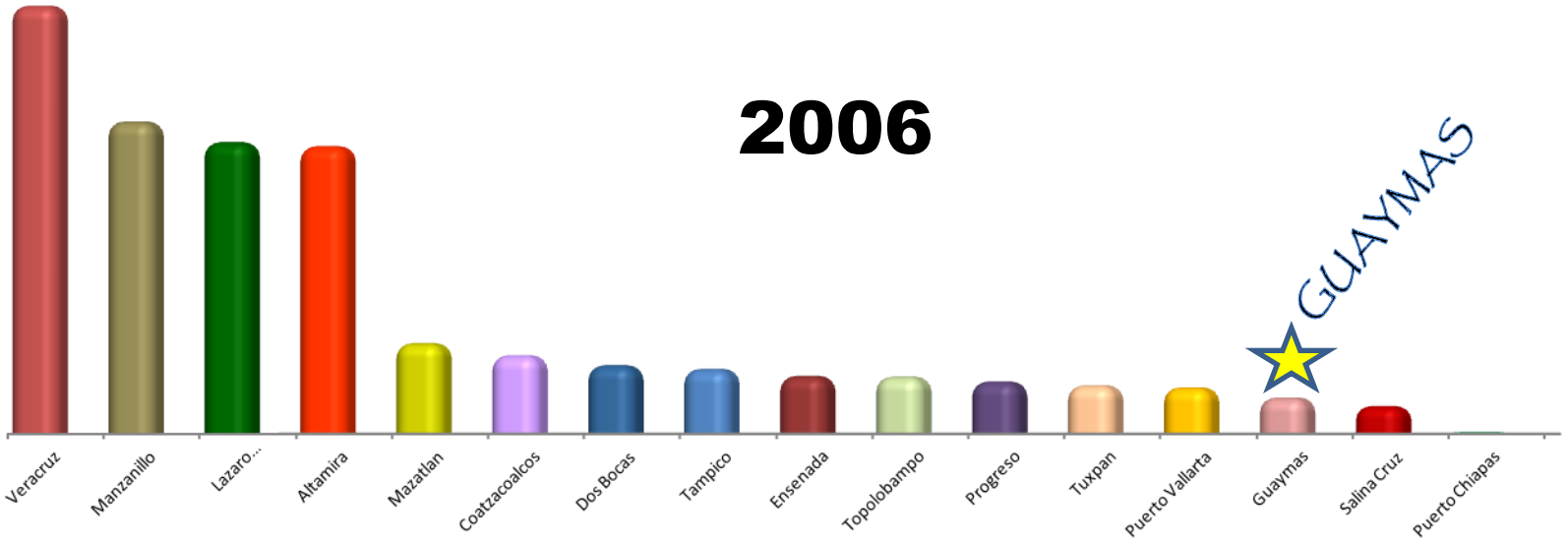


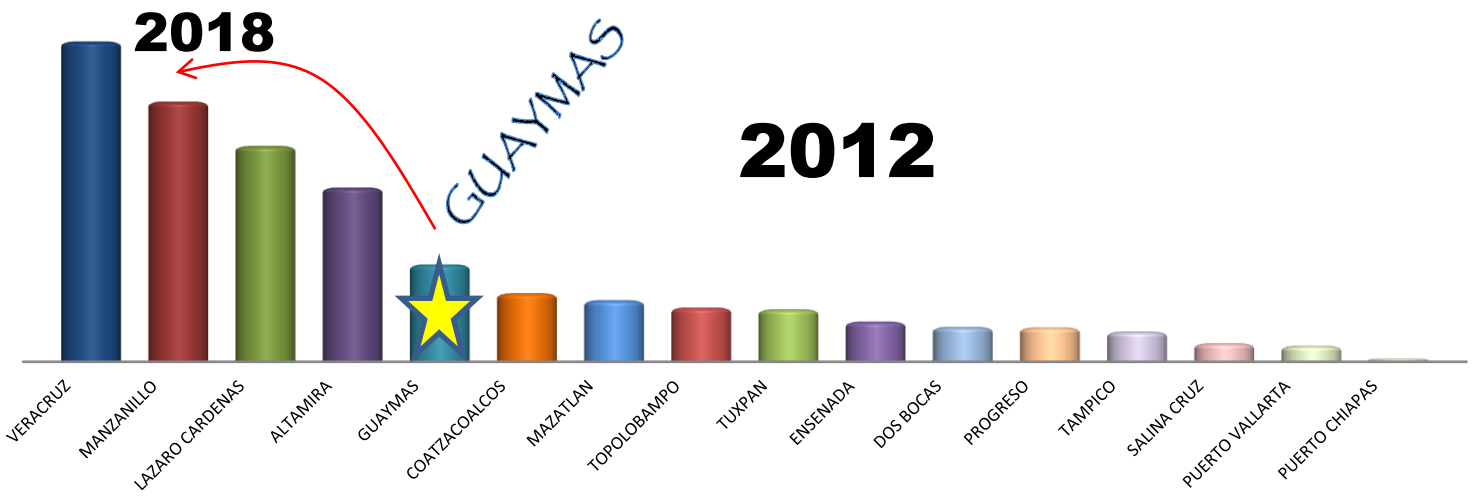
Maritime -Port Projects
Presidential commitments



1- Puerto de Seybaplaya Modernization
(CG-066, 364 mdp)
2- Puerto de Ciudad del Carmen Modernization
(CG-063, 166 mdp)

MEXICAN PORTS 2012





COST - BENEFIT ANALYSIS

Project Feasibility

In environmental matters, on March 25, 2010 API Guaymas obtain the approval from Environmental Viability by SEMARNAT for the use of available land in Empalme, Sonora, for 1.092 acres for storage in the boundary of the Bay of Guaymas-Empalme object expansion.

As far as concerns the legal feasibility, on April 23, 2012, was published in Diario Oficial (Official Journal of the Federation) incorporating the water zone of the Bay of Guaymas – Empalme for their exploitation.

From a technical standpoint, the Bay offers the right conditions for the separate operation of bulk and specialty minerals and commercial cargo (general cargo and containerized cargo). There are no project conditions that hinder the construction of the expansion and there is available land reserve in the boundary of the Bay to accommodate the demand.

COST - BENEFIT ANALYSIS

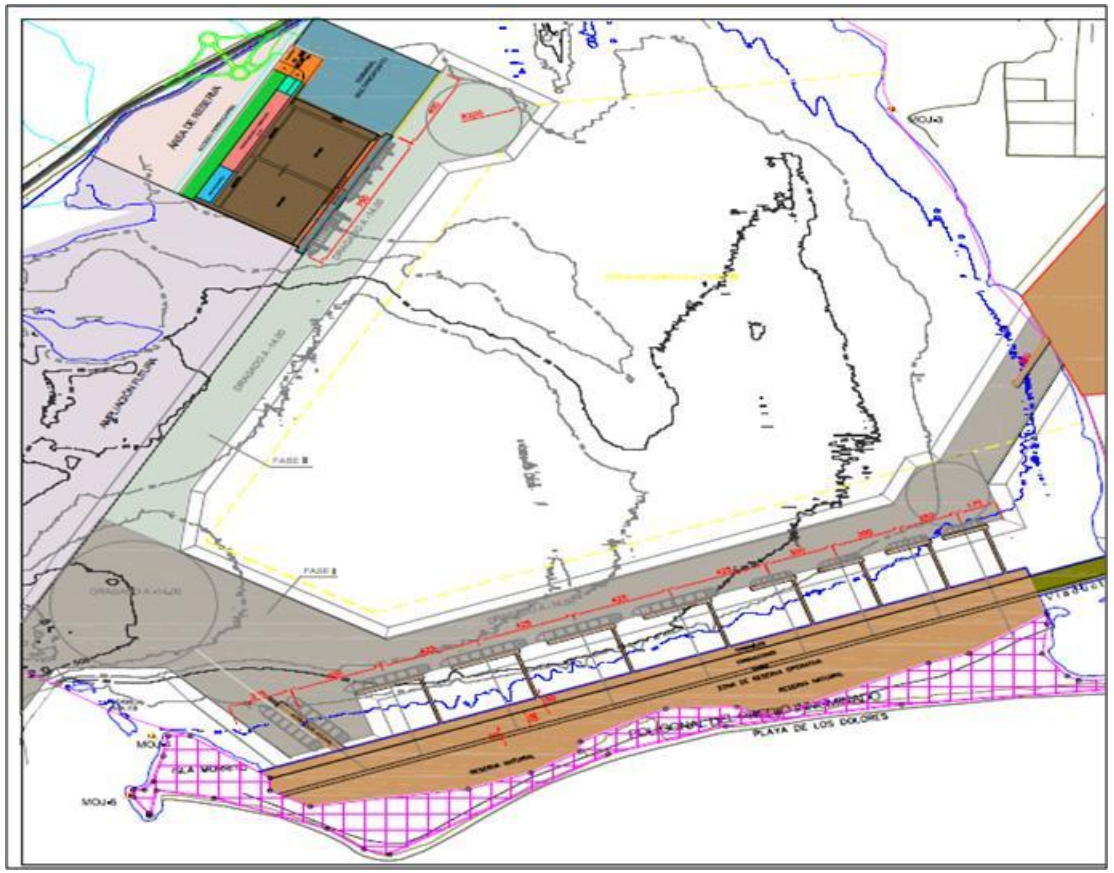
Project Proposal

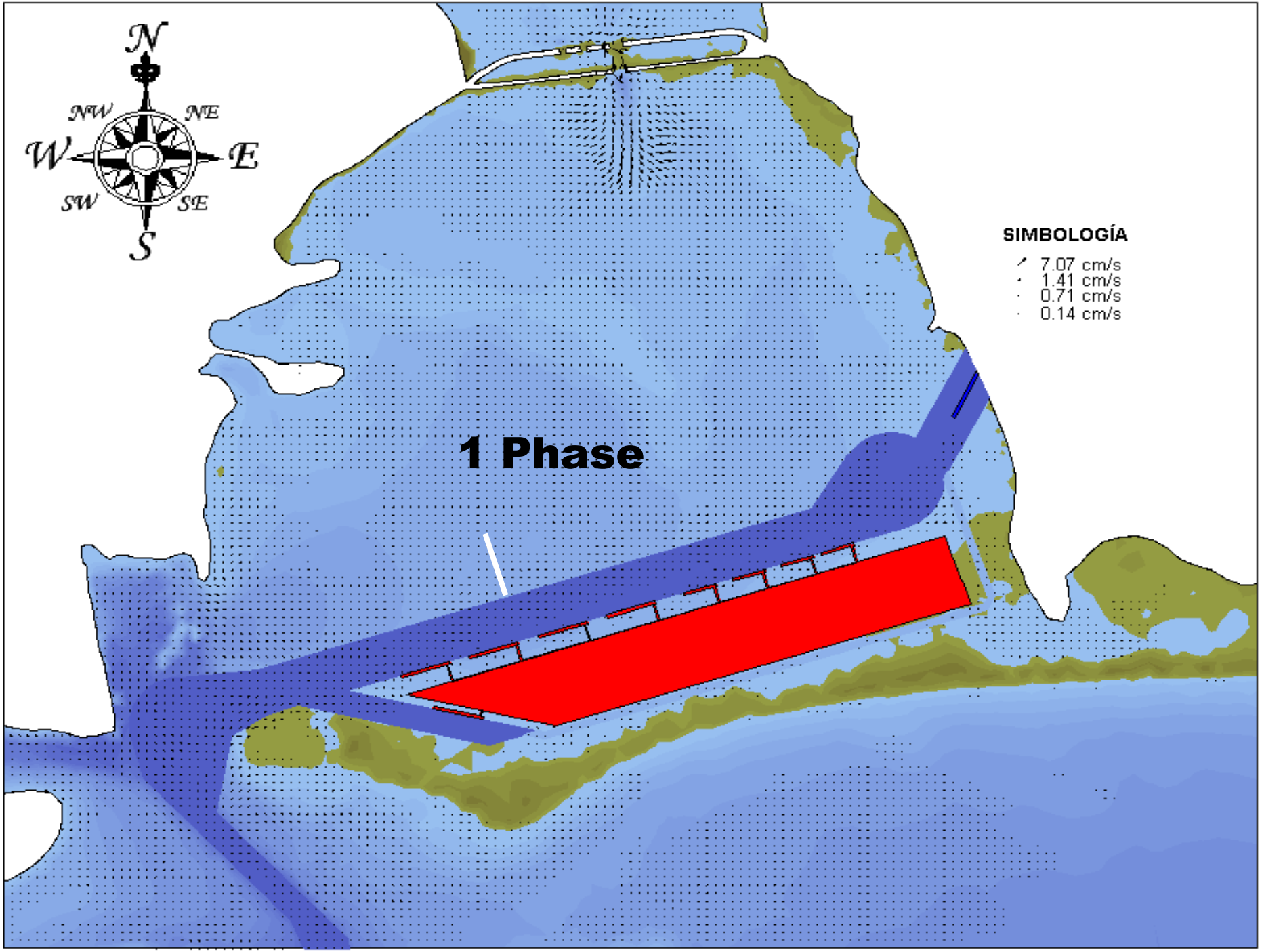
For handling different types of cargo, a solution is proposed for all the location of port spaces within the Bay of Guaymas-Empalme to concentrate the bulk mineral operation in the peninsula and the commercial and containerized cargo above the inter bay.

The operation of bulk minerals should be done with transport equipment (conveyors) from the storage area adjacent to the Bay.

On the peninsula shall be a total of nine mineral bulk cargo terminals.

In the case of containers and general cargo there will be a berth with a front of water of 1,150 meters with possibility of up to three kilometers long berth, all of it straight.




N
NW
NE
W
E
SW
SE
S
SIMBOLOGÍA
7.07 cm/s
1.41 cm/s
0.71 cm/s
0.14 cm/s
1 Phase

GUAYMAS EXPANSION PROJECT

Traffics of the Project (Tons)

Tráficos	2015	2020	2025	2030	2035
Coal Company 1	1,500,000	3,000,000	3,000,000	3,000,000	3,000,000
Coal Company 2	0	4,000,000	4,000,000	4,000,000	4,000,000
Coal Company 3	500,000	3,000,000	3,000,000	3,000,000	3,000,000
Coal Company 4	0	1,500,000	1,500,000	1,500,000	1,500,000
Iron Ore Company 1	0	4,800,000	4,800,000	4,800,000	4,800,000
Iron Ore Company 2	0	2,000,000	2,000,000	2,000,000	2,000,000
Iron Ore Company 3	0	1,000,000	1,000,000	1,000,000	1,000,000
Copper Concentrate C. 1	500,000	1,500,000	1,500,000	1,500,000	1,500,000
Iron Ore Company 4	0	3,000,000	3,000,000	3,000,000	3,000,000
Total	**2,500,000**	**23,800,000**	**23,800,000**	**23,800,000**	**23,800,000**

TEC	2015	2020	2025	2030	2035
Nº TEUS	0	1,000,000	1,000,000	1,000,000	1,000,000
Total TN TEC	**0**	**10,000,000**	**10,000,000**	**10,000,000**	**10,000,000**

TUM	2015	2020	2025	2030	2035
Vehículos TUM	0	5,000	5,000	5,000	5,000
TN Carga general	0	155,110	155,110	155,110	155,110
Total TN TUM	**0**	**160,110**	**160,110**	**160,110**	**160,110**

COST-BENEFIT ANALYSIS

- **It has the following documentation:**
  - **Soil mecanics study**
  - **Ocean Currents study**
  - **Maneuverability study**
  - **Guaymas Bay Bathymetry-Empalme**
  - **Environmental feasibility by SEMARNAT**
  - **Control of the Bay of Guaymas-Empalme**
  - **Letters of interest from investors to develop terminals in the expansion zone**
  - **Environmental impact assessment on process**

PUERTO DE GUAYMAS EXPANSION ZONE

PUERTO DE GUAYMAS EXPANSION ZONE