













TELOS
Aung Naing Moe
ASEAN





www.bemorail.com
BEMO RAIL





Laura O. TAPAH
Managing Director
TAPAH FARMERS



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ard automated vessel
d management system

CASP
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Cloud CASP

Cloud based Stowage Planning System

- Cloud service for shipping, port, logistics worldwide
 - Cloud based data interchange (EDI) service
 - Cloud based ERP service for small & medium sized shipping lines/ shipping agents/ 3rd party inspectors
 - Cloud based ship planning service for loading/unloading
- Sharing of port logistics service platform technology base on open source software for Cloud



• Scenario Data Integrity & In 2



• Beyond Stowage Planning



simTOS

Simulation embedded Terminal Operating System

- Use of simulation enables shortening of ready time for terminal operating plan evaluation and impact prediction
- Pertaining of time required for decision-making with simultaneous iteration of multiple test scenarios by Virtual Terminal Manager
- Supports decision-making in identifying the potential delay / interruption factors in advance
- Supports decision-making by simulating the future work situation, up to 7 days, at 15 times speed



• Total Control System

• Terminal Data

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BROMMA

A Tradition of Innovation



**Bromma Twin-Lift
Ship-To-Shore Spreader**

✓ BROMMA advanced control system
fault diagnostics

✓ Low tare weight:
o STS45LW: Approx. 10.7 metric tonnes
o STS45E: Approx. 11.7 metric tonnes
o STS45: Approx. 12.7 metric tonnes

✓ European high tensile steel
Significant reduction in weight

✓ Design load up to 1.6 meters
Designed in accordance with EN13001,
HC2, HD1, U7, Q3 (2 million cycles)

✓ Optional 19'-6" position in event of the
spreader being jammed in 20' cell guides

www.bromma.com

BROMMA

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BRO

A Tradition

BROMMA

BROMMA

A Tradition of Innovation

A Tradition of Innovation



Bromma Twin-Lift Ship-To-Shore Spreaders

- ✓ BROMMA advanced control system, fault diagnostics
- ✓ Low tare weight:
 - o STS45LW: Appx 1.6t
 - o STS45F: Appx 1.8t
 - o STS45L: Appx 2.0t
- ✓ Ability to vertically separate containers from 0 - 1.6 meters
- ✓ Designed in accordance with EN1 HC2, HD1, U7, Q3 (2 million cycle)
- ✓ Optional 19'-6" position in event spreader being jammed in 20' cell

www.bromma.com



on the safe side



TMT PORTS

TIME MATTERS

...ia, a...e port of LIVERPOOL, UK



Portia

PORT MANAGEMENT SERVICES

Transforming ports and terminals
globally for 40 years

PORT AUTHORITY OF THAILAND



PORT AUTHORITY OF THAILAND

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Yokohama

INTERNATIONAL PORT TERMINAL 1
INTERNATIONAL PORT TERMINAL 3



MANTSIN

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PAT
PORT AUTHORITY OF THAILAND

การเรียนรู้ด้านการบริหาร

Myanmar Integrated Port

Terminals Thilawa

HUTCHISON PORTS
MITT

Myanmar International Terminal Thilawa



IEBHERR

TMT PORTS

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LIEBHERR

TMT PORTS



LIEBH

- Container terminals
- Inland terminals;
- Ro-Ro facilities;
- General cargo and multi-purpose terminals;
- Bulk ports

- New WEB interface;
- Built-in yard and equipment optimization features;
- Patent-pending STS-crane workstation;
- Improved interactive terminal layout;
- All-new berth planning;
- Block train scheduling;
- Barcoding, barcode management;
- Container ACS cranes;
- Resource planning and management;
- KPI dashboard;
- Billing

- Logistics
- 200+ implementations
 - 20+ years in operation
 - 150+ employees
 - 5 international offices
 - 50+ partners worldwide

NITSINEN



Pragak Srinivasan
Managing Director



20+ years in operation
150+ employees
5 international c
50+ partners wo





Solvo.TOS 6.0 new features

- Unified all-in-one solution for cargo;
- New WEB interface;
- Built-in yard area optimization feature;
- Patent-pending port planning;
- Improved user interface;
- Enhanced reporting;
- Improved layout;
- Simplified management;

SOLVO
IT solutions for log



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PORTS







A Dynamic And Inter...

Port Klang Free Zone (the first fully-integrated industrial zone. Launched 1,000-acre development to government's objective of Klang into a regional distribution a trade and logistics centre.

Facilities include:

- Light Industrial & Warehouses
- Prepared Industrial Land
- Business Complexes

PORT KLANG

Managing Director
KUALA LUMPUR
PORT KLANG

03

Prysm

BRC



MALAYSIA



WESTPORTS
PROVEN. TRUSTED. FRIENDLY.



PORTKLANG
FREEZONE
SYSTEM



A Member of MMC Group



Port Klang Authority (PKA) is a statutory corporation established on 1 July 1963, under the Port Klang Free Zone Act 1963. It took over the administration of Port Klang from the Malayan Railway.

The Government's policy to infuse private sector management and participation in the port sector was implemented through the privatisation of various Government owned/controlled undertakings in the country, starting with the privatisation of the Port of Tanjung Pelepas in 1992. The privatisation of a major port facility took place in Port Klang, with the Klang Container Terminal Facility privatised to Klang Container Terminal Berhad (KCT).

Other port facilities and services were privatised to KCT, Klang Container Terminal Berhad (KCT), and Klang Free Zone Berhad (KFB).

In 2000, the Port Klang Free Zone Act 1963 was replaced by the Port Klang Free Zone Act 2000. Under the new Act, the operational functions and services of the port were transferred to three separate bodies. In addition to its enhanced role of a trade facilitator, regulator and landlord, the Authority has also assumed the role of a facilitator of port development.

The operational functions and services of the port are now carried out by three separate bodies:

www.pka.gov.my





WESTPORTS
PROVEN. TRUSTED. FRIENDLY.

PKFZ
PORT KLANG
FREEZONE
MANUFACTURING

NORTHPORT
A Member of MMC Group

ASIA WOR



*sure to be safe***Advanced Brake Technology**

Industrial Brake Systems & Drive Components

SHI

USB

USB

Crane
heels

PORT KLANG, MALAYSIA



PORT KLANG, MALAYSIA

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PORT KLANG

MALAYSIA'S SOUTHERN GATEWAYS

22

IT PORTLINK SDN BHD

48



KONE

KONECRANES
Lifting Businesses

1-STOP CONNECTIONS PTY LTD

14



SCHLEPP
SCHLEPP

ables for **NEW**

e stranding,
and inner jacket

- clean room duties
- limited space solutions
- permafrost using
- outdoor applications

MALAYSIA'S SOUTHERN GATEWAYS 22

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stranding,

nd inner jacket

- clean room duties
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- outdoor applications

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1-STOP CONNECTIONS PTY LTD

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ROLLING CHAIN

RSC

TSUBAKI
Roller

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TSUBAKI KABELSCHLEPP GMBH

TSUBAKI
Innovation in Motion

FOR CRANES

Parts for Cranes

AKI Power Cylinders
AKI Super Chain
AKI LSC
AKI Cable Control Systems
AKI Cam Clutches / One Way Clutches



Hydronav

Marine Construction & Hydrographic Surveying Solutions

Surge/Tug Monitoring, Dredging, Reclamation, Marine Piling

Trimble

SPS900, SPS901, SPS905, SPS905, SCS900



Real Time 3D Imaging

Leica Octopod

Navigation &
TELEDYNE

Telodyne Technol





AHLOWE INTERNATIONAL PO







PORT KLANG, MALAYSIA

MALAYSIA'S SOUTHERN GATEWAYS

22





Myanmar Integrated Port LTD

35

SIS | QC CRANE
ELECTRIFICATION

TG | QC CRANE
ELECTRIFICATION

ALRE
ELECTRIFIED PO

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METS TRADITION

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WORLD CITY DAY
SECTION OF CAPITAL
WPL AND R.E. MARTIN
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WPL IN MYANMAR

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TTEL SOFTBANK LTD

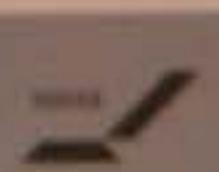
BEMO RAIL



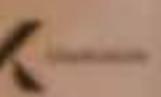
MYANMA PORT AUTHORITY

Myanma Port Authority

KRANUNION



TEL. ENGINEERING



WATERFRONT MYANMAR

PORT AUTHORITY





Myanmar's Port Sector
A regional perspective and
the way forward













Foreign Investment in Ports

- 100% foreign investment prohibited
- Notification to MCA 2107 under section 107(1) of the Merchant Shipping Act 1990
- Port activities relating to the port and the shipping to those
- Port facilities, wharves, berths, dry docks, ship repair yards and shipyards
- Oil terminals
- Bulk storage facilities



Important Design Considerations
Hydraulics and Morphological Processes in River Basins
• Sedimentation
• Channel bed incision and
• Altering river channels



International Monetary Fund
The world economy is projected to grow at 3.9% in 2018 and 3.7% in 2019.
Source: IMF World Economic Outlook, April 2018





Shipping & Port Marketing

as competitive advantage
in future business

by Kyaw Myo Win

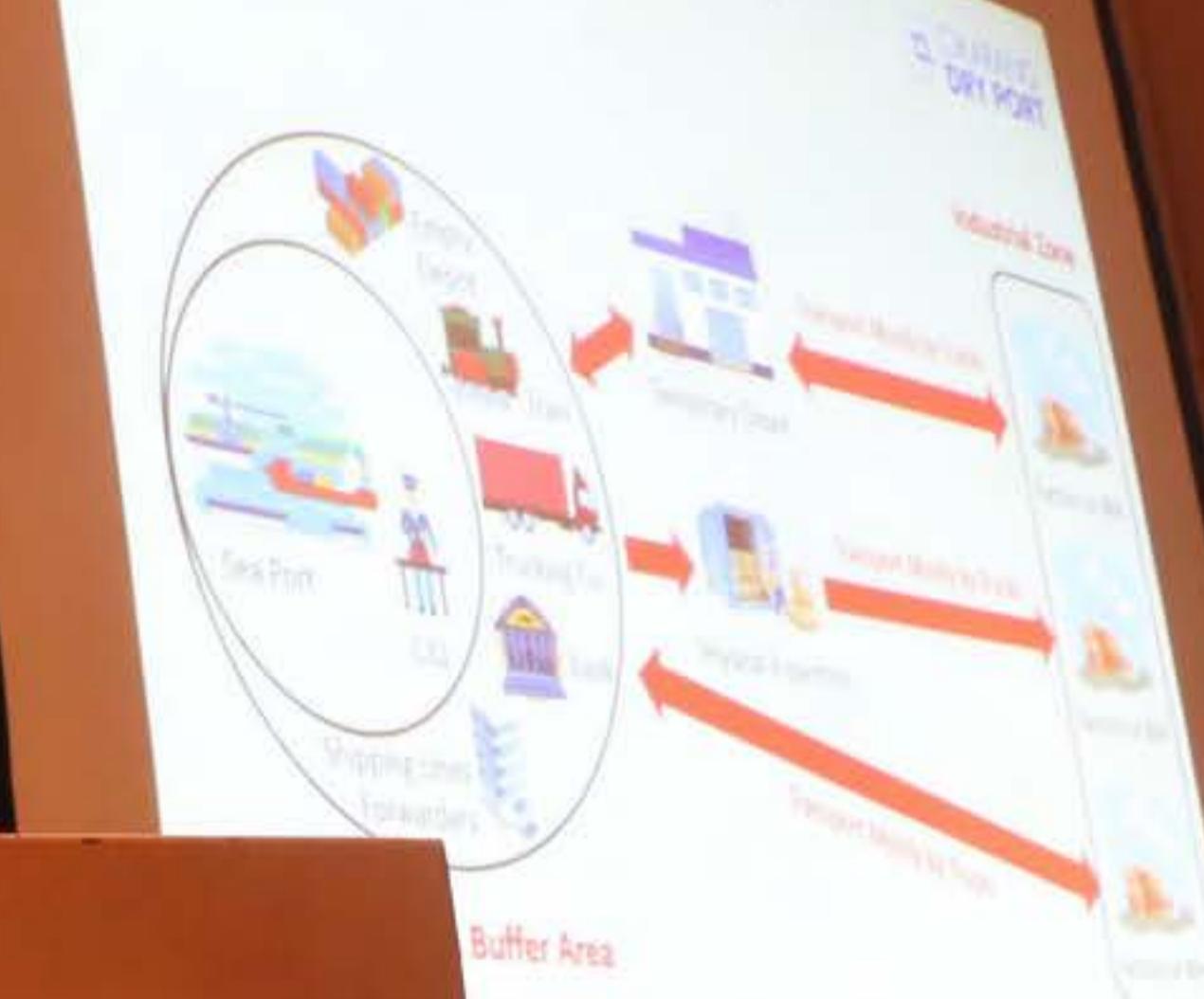








Common Activities of Seaport (existing condition)







WHO WE CONNECT

17
TELEPHONE LINES

13
TELEGRAMS

6,122
ROAD MILES

1,500
FREIGHT CONTRACTS

136
WIRELESS STATIONS

OVER 150 MILLION MESSAGES PROCESSED ANNUALLY TO CONNECT THE PDX COMMUNITY







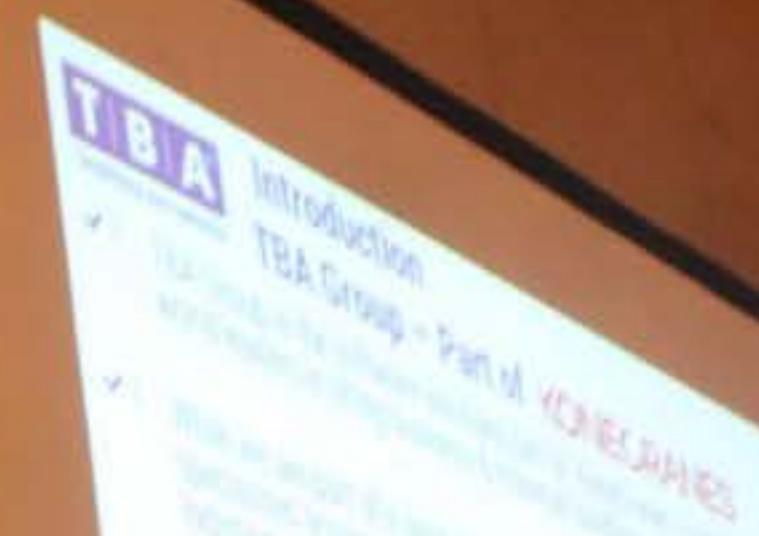


ShoreCONNECT

















LUMUT PORT IS BULK CARGO BUSINESS SUSTAINABLE

Topics of presentation:

- ↳ Is bulk cargo business sustainable in the future
- ↳ What is the world's trend of bulk cargo market
- ↳ What is the critical factor affecting the bulk cargo business?
- ↳ How to approach the challenges in the future
- ↳ Business competitiveness
- ↳ Is there a sustainable future for our resources





FACTORS THAT DETERMINE SHIP CALLS AT HUB PORTS







Gents

Ladies





SEAN
MAYNARD





