

SEA-ME-WE 5

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UPDATE

February 2019

- RFS: **13th December 2016**
- Day 1 Technology utilized: **100Gbps DWDM**
- Day 1 Design capacity: **8Tbs per FP.**
- Length of the cable: **20.000 km**
- **Multi regional**
- **PoP-to-PoP**
- **18 CLS**
- **19 Consortium Member Companies**

SEA-ME-WE 5

SEA-ME-WE 5 route



Marseille PoP
and Palermo PoP



Singapore PoPs

- **Low latency**

*Examples: **RTD (ms)***

	SEA_ME_WE 5	SEA-ME-WE 4
Singapore - Marseille	135	163
Singapore - Palermo	124	148

- **Marine routes designed along proven routes with low fault history**

- **Future proof **upgradability****

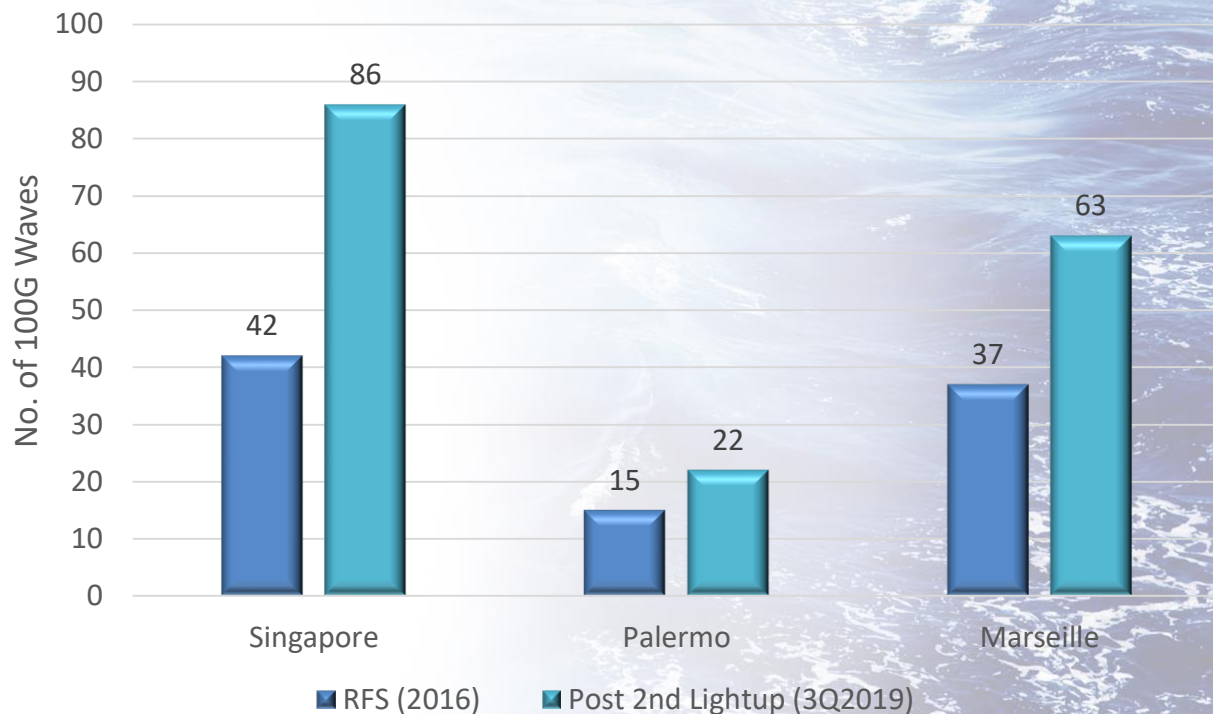
Able to adopt newer transponder technology faster

- **SEA-ME-WE5** carries currently **10T traffic** from **Europe to Singapore**
- This is an unparalleled **growth** since the **SEA-ME-WE 5 RFS**
- Based on the last 2 years success and the cable system's reliability the parties decided to **further extend the live capacity in the coming upgrade**

- Coherent **200G DWDM** technology is being deployed
- **50%** improvement in the design capacity (*more than 12Tb/s per FP*)
- The **100G** unit cost reduced close to **70%** compared to the initial unit cost
- New vendor was selected as a partner for the **newest upgrade** besides the incumbents ones

- SEA-ME-WE 5 became an **open system** as a result of the deployed new technology *(3rd party transponders are possible to deploy)*
- The system is open for **future capacity upgrades**
- Expected RFS of **the newest upgrade is August 2019**

Capacity to the PoPs





Bangladesh Submarine Cable
Company Limited (BSCCL)

Kuakata CLS



Ooredoo

Oman, Qalhat CLS
Qatar, Mesiaeed LP



Sri Lanka Telecom PLC (SLT)

Matarra CLS



China Mobile International
(CMI)

non-landing Party



Orange

Toulon CLS,
Marseille PoP



Telecom Egypt
(TE)

Zafarana CLS
Abu Talat CLS



China Telecom Global

non-landing Party



PT Telekomunikasi
Indonesia International
(Telin)

Dumai CLS
Medan CLS



Telekom Malaysia Berhad
(TM)

Melaka CLS



China United Network
Communications Group
Company Limited (CU)

non-landing Party



Saudi Telecom Company
(STC)

Yanbu CLS



TeleYemen

Hodeidah CLS



Djibouti Telecom (DT)

Djibouti CLS



Singapore
Telecommunications Ltd
(Singtel)

Tuas CLS
Singapore PoPs



Türk Telekom International
(TTI)

Marmaris CLS



Emirates Integrated
Telecommunications
Company (Du)

Kalba CLS



Sparkle

Catania CLS
Palermo PoP



Trans World Associates (Pvt)
Limited Pakistan
(TWA)

Karachi CLS



Myanmar Posts and Telecom
(MPT)

Pathein CLS

SEA-ME-WE 5
WON THE MOST AWARDS
IN THE CABLE INDUSTRY SINCE ITS RFS.



THANK YOU
FOR YOUR ATTENTION!