SVITZER EUROPE

UKMPA , ISLE OF WIGHT – SEPTEMBER 2016

VIMAL CHOY

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SVITZER A SUBSIDIARY OF A.P.MOLLER

Since 1833, Svitzer has provided safety and support at sea. With 4,000 employees, a fleet of 430 vessels and operations all over the world, we are the global market leader within towage and emergency response.

Svitzer's 430 vessels provide safe and reliable tailor made marine services to LNG terminals, ports and oil & gas terminals around the world. We put our vast experience at our customers' disposal to plan and execute smooth and undisrupted operations in all conditions.

Svitzer provides reliable and efficient port operations all over the world. We provide the right tugs for the right ports and well trained crew to ensure swift vessel handling and no delays in the supply chain.

HAVE THE RIGHT FLEET IN THE RIGHT LOCATION

DEPLOY FIT FOR PURPOSE ASSETS SO THAT WE CAN MEET CUSTOMER AND STAKEHOLDER COMMITMENTS WITH BEST OPERATIONAL EFFICIENCY

- To complete tug jobs safely with a fit for purpose vessel
- To encourage growth by meeting customer requirements
  - Ability to be flexible when and as required
    - Have a lean fleet that meets our needs
- Continuously improve our assets to best serve our clients & stakeholders

PORTS , FLEET AND TYPE

- 14 PORTS IN UK
- 13 PORTS IN EUROPE
- 110 TUGS OF WHICH 71 ASD / 9 ATD / 21 VST AND 9 CONVENTIONAL

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UK LOCATIONS & OPERATIONS

UK PORTS	
LOCATION	**OPERATIONS**
GREENOCK	HARBOUR
BELFAST	HARBOUR
MILFORD	TERMINAL
SWANSEA	HARBOUR
FELIXARC	HARBOUR
GRANGEMOUTH	HARBOUR
LIVERPOOL	HARBOUR / LOCKS
HUMBER	HARBOUR / LOCKS
SOUTHAMPTON	HARBOUR
AVONMOUTH	HARBOUR / LOCKS
TYNE	HARBOUR
TEES	HARBOUR
FELIXSTOWE	HARBOUR
LONDON	HARBOUR / LOCKS

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FUTURE

- CNG TUGS
- DUAL FUEL TUGS
- HYBRID TUGS
- SIZE, TYPE AND BOLLARD PULL

- CONTINUE OUR COLLABORATION WITH LOCAL PILOTS TO INNOVATE AND PROVIDE RELIABLE FIT FOR PURPOSE VESSELS

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DEVELOPMENTS IN TUG DESIGN

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DIRK DEGROOTE, DAMEN SHIPYARDS

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160 VESSELS (60 TUGS) A YEAR

OVER 6,000 VESSELS (OVER 4000 TUGS) DELIVERED SINCE 1969

9,000 EMPLOYEES
AT 32 YARDS ON 5 CONTINENTS

200 VESSELS IN PRODUCTION AND STOCK FOR FAST DELIVERY

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CMA CGM

COMMON TUG TYPES

Conventional tug,
twin screw

Multi-Purpose
ASD Tug

Terminal
ASD Tug

ATD Tug

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Voith Tractor Drive Tug

Rotor Tug

Reversed Stern Drive Tug

Harbour / Terminal – sheltered waters

Terminal – exposed waters

Harbour / Locks

Harbour / Coastal

B
P

Vessel size

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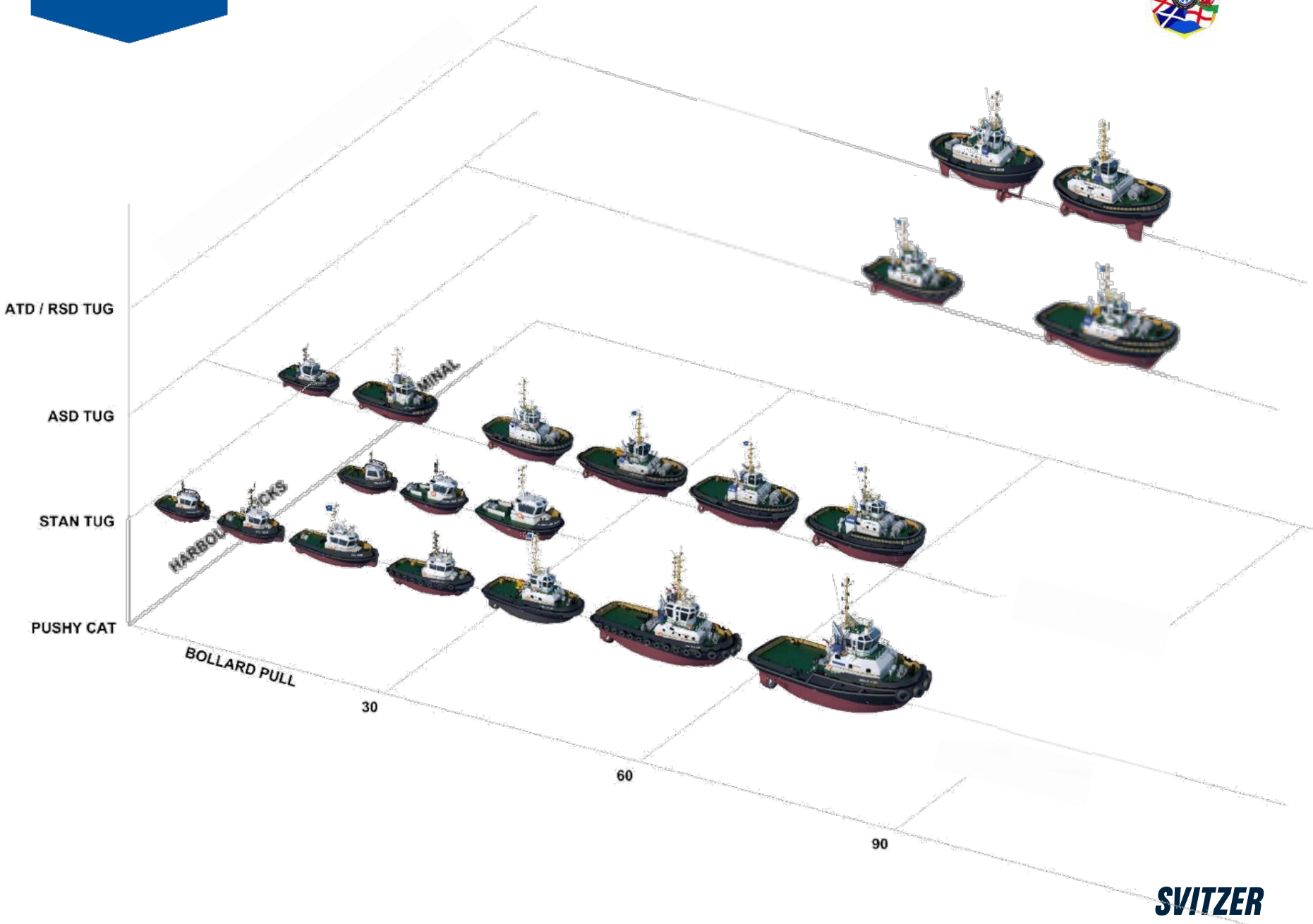
TUGS PORTFOLIO



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R.D.6

BITAM

31m ASD Tug
– 60t BP

29m ASD Tug
– 80t BP

MAERSK IDAHO
MAERSK LINE

CSCL GLOBE

L

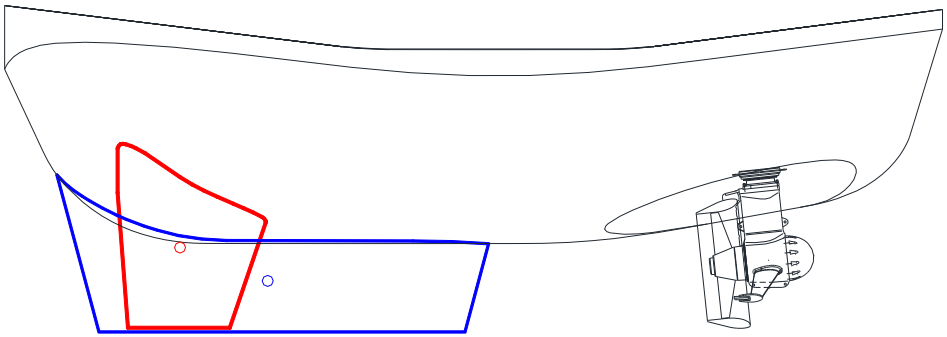
NDARDISED
ENTS

ED

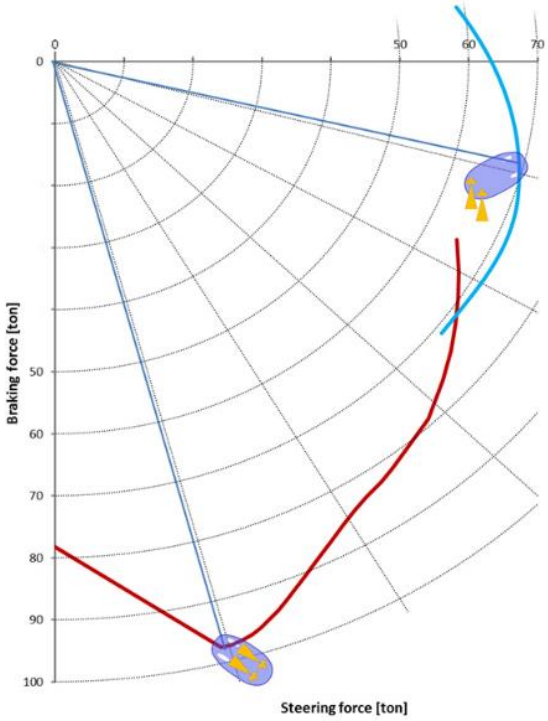
52
50
48
46
44
42
40

FOR A COMPACT HARBOR TUG

- **TWIN FIN**
  - Improved course stability
  - Increased damping
  - Increased turning moment
  - Reduced interaction between thrusters and fins



Polar diagram V = 8kn RSD Tug 2513 TF



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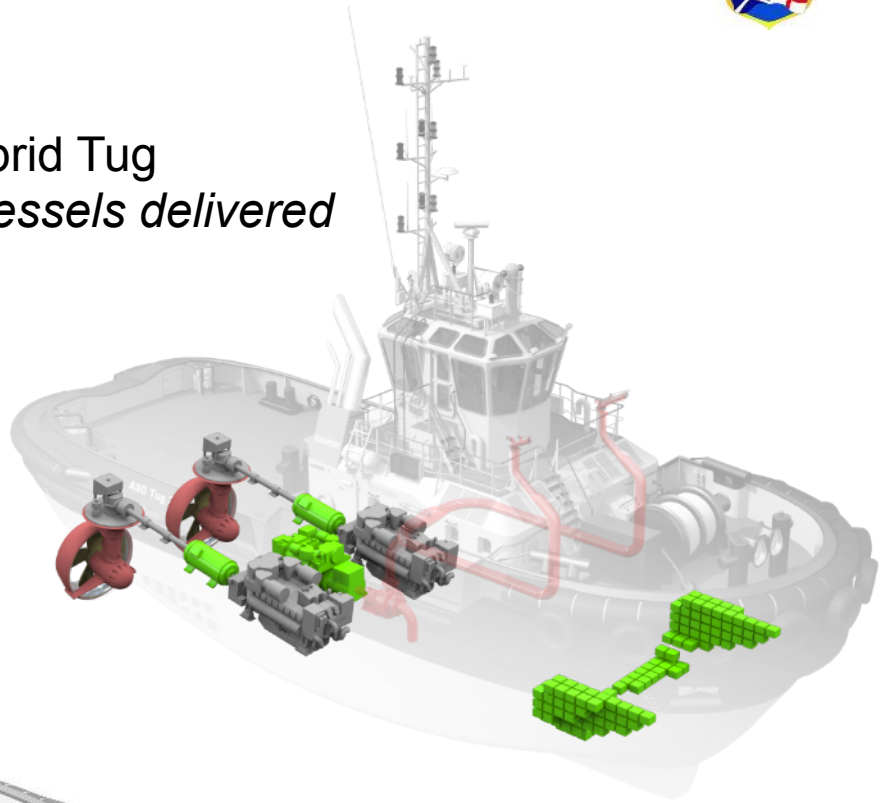
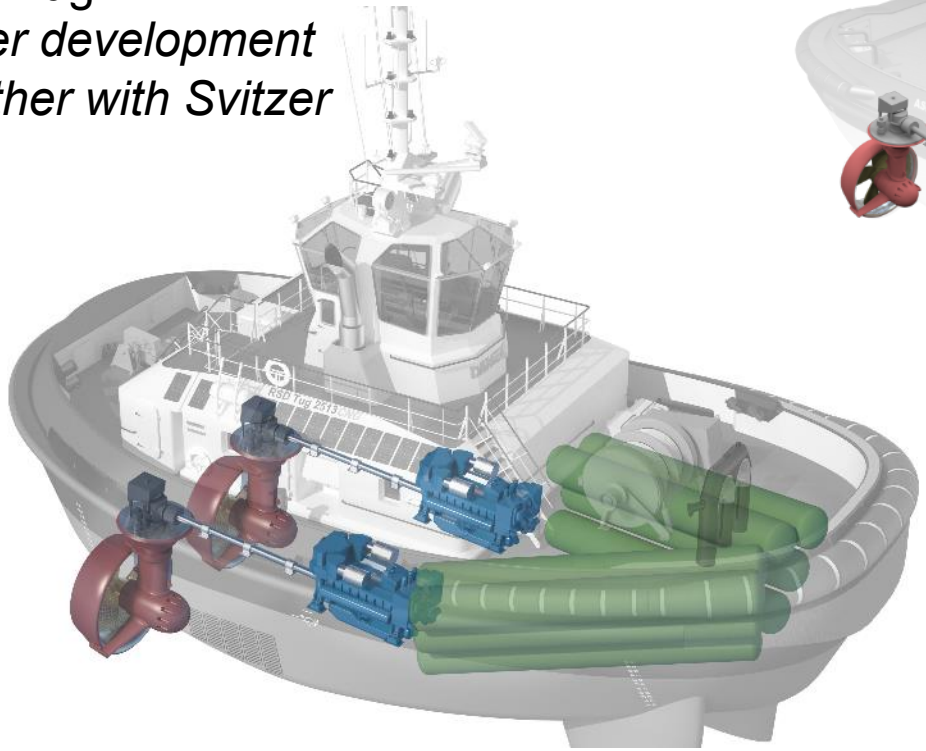
Hybrid Tug
7 vessels delivered



CNG Tug
Under development together with Svitzer



… THE ULTIMATE TOOLS FOR YOUR ASSISTANCE!

QUESTIONS & SUGGESTIONS

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