The Pioneers of Offshore Engineering

BreakBulk Americas 2022
Offshore Wind Supply Chain Panel Discussion

September 28th, 2022
By: Alberto Morandi, General Manager - Houston

GustoMSC | NOV

Pioneers don't tell stories, they write history

1862

1905

1959

1972

1975

1977

1978

1981

1987
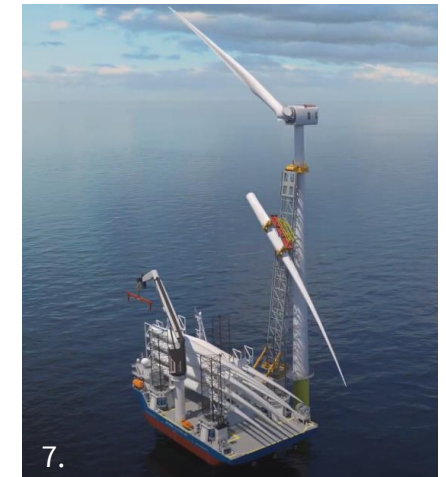
2003

2011

2015

2016

2018

2019

Bio – Alberto Morandi

- General Manager in Houston of GustoMSC (an NOV company), a design house focused on Energy Transition solutions and a leader in the design of wind turbine installation vessels.

- Naval Architect with 36 years of experience, Chartered Engineer in London since 1997 and a Professional Engineer practicing in the State of Texas since 2004.

- Presently a Fellow of SNAME, chairing its Offshore Technical & Research Committee.

- Authored over 65 publications

- Received a Pioneering Technology Award from the Houston Offshore Technology Center in 2015 and an OTC best paper award in 2022 for the first Jones Act wind turbine installation vessel.

GustoMSC T&I Solutions

New-build vs existing, self-transiting vs feeder

1. WTI / WFI jack-up vessel

2. Liftboat feeders (N/A)

3. New-build feeder jack-up

4. Floating barge feeder – along jack-up (Mooring)

5. Floating barge feeder – docked

6. Motion compensated feeder barge or vessel

7. Other concepts (Sjøhest / Seahorse blade installation solution)

GustoMSC NG-series WTIVs Under Construction

PENTA-OCEAN CONSTRUCTION CO.,LTD. 五洋建設	SHMZ	seaway 7	Dominion Energy®	ENETI	CADELER
NG-9800C	**NG-14000XL**	**NG-14000XL-G**	**NG-16000X-SJ**	**NG-16000X-EN**	**NG-20000X-CA**
1,600 t fixed boom crane	2,500 t GMSC telescopic crane	2,500 t GMSC telescopic crane	2,200 t fixed boom crane	2,600 t fixed boom crane	2,100 t fixed boom crane
Q4-2022	Q4-2022	Q4-2023	Q4-2023	2024 / 2025	Q3-24 / Q1-25
				2 units	2 units (X-class)
					(+ 1 F-class unit)

Thank you for your kind attention

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