

# \* Reference – Commissioning

## >> MHI AIDA Prima & Perla Commissioning



- **Project:** AIDA Prima Project & AIDA Perla Project
- **Client:** Mitsubishi Heavy Industries, LTD.
- **Location:** MHI Shipyard, Nagasaki, Japan
- **Period:** May 2015 ~ Apr. 2017
- **Peak M/P:** 90
- **Scope of Work:**
  - Machinery Part : Plant Keeping Operation, System Commissioning
  - Hull Part : Flooding Sensor / Main Bilge System / Water Fog System / Potable Water System / Black Water System / Provision Ref. System / Local CO2 System / Plant Keeping Operation
  - Elect. Part : I/O Check, PA Commissioning, Local Entertainment System Commissioning



# \* Reference – Commissioning

## >> JMU LNG Commissioning

- **Project:** JMU LNG Project
- **Client:** Japan Marine United
- **Period:** Aug. 2016 ~ Ongoing
- **Peak M/P:** 16



### ▪ Scope of Work:

- Discipline : Design work, Cargo Commissioning, Electrical Commissioning, Mechanical Commissioning, QA
- Commissioning Team : Technical Advice, Education of Safety Rules, Schedule Management of Machineries, Trouble Shooting, Preparation of Commissioning Work Check List, Pre-test Inspection and Result Management, IAS Monitoring List Modification and Schedule Management Request
- QA Team : QA Inspection (General Hull Part, Cargo Tank, Insulation) Machinery QCDB Preparation, General Management, Pre-Test Inspection Result Management, Inspection Result Submission to Leader, Ship Owner, Class, Preparation of Trouble Shooting List and Punch List



## 4. Commissioning

NO.	PERIOD		CLIENT	PROJECT NAME	TYPE	YARD
	START	DELIVERY				
1	Aug. 2016	Ongoing	Japan Marine United	JMU LNG	LNG ship	JMU (Japan)
2	Oct. 2015	Ongoing	Seadrill	West libra	Drillship	DSME
3	June 2015.	Ongoing	Seadrill	West Aquila	Drillship	DSME
4	Apr. 2015	Ongoing	Vantage	Cobalt Explorer	Drillship	DSME
5	Mar. 2016	Apr. 2017	Mitsubishi Heavy Industries	AIDA #2 Perla	Cruise ship	MHI
6	Feb. 2016	Feb. 2017	Maersk	Invincible	Drillship	DSME
7	Mar. 2016	June 2016	ADMA-OPCO	SARB Package 4	E-house	KOSPEC
8	Oct. 2015	May 2016	Sonangol	Sonangol Quenguela	Drillship	DSME
9	Aug. 2015.	Mar. 2016	Songa Offshore	Enabler #4	Semi-Rig	DSME
10	June 2015.	Mar. 2016	Sonangol	Sonangol Libongos	Drillship	DSME
11	Mar. 2015	Mar. 2016	Mitsubishi Heavy Industries	AIDA #1 Prima	Cruise ship	MHI (Nagasaki, Japan)
12	Aug. 2015.	Dec. 2015	Songa Offshore	Encourage	Semi-Rig	DSME
13	May 2015.	Nov. 2015	Atwood	Admiral	Drillship	DSME
14	Mar. 2015	Sep. 2015	Transocean	Thalasse	Drillship	DSME
15	Apr. 2014	June 2015	Songa Offshore	Equinox #1	Semi-Rig	DSME
16	Apr. 2014	Sep. 2014	Diamond Offshore	Diamond Ultra Deep-water Drillship #4	Drillship	HHI
17	Jan. 2014	Aug. 2014	Noble	Noble Drillship #4	Drillship	HHI
18	July 2012	July 2015	Chevron	EGP Phase 3B	Platform	Nigeria

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NO.	PERIOD		CLIENT	PROJECT NAME	TYPE	YARD
	START	DELIVERY				
19	July 2013	May 2014	Exxon Mobil	Arkutun Dagi	Fixed Platform	DSME
20	Nov. 2013	Mar. 2014	Diamond Offshore	Diamond Ultra Deep –water Drillship #3	Drillship	HHI
21	Nov. 2012	Feb. 2014	Fred Olsen Energy	Fred Olsen Drillship #1	Drillship	HHI
22	Jan. 2013	Jan. 2014	Atwood	Advantage #1	Drillship	DSME
23	Jan. 2012	Jan. 2014	Diamond Offshore	Diamond Ultra Deepwater Drillship #1	Drillship	HHI
24	Jan. 2013	Dec. 2013	Transocean	Edward Drillship #1	Drillship	DSME
25	May 2013	Sep. 2013	Diamond Offshore	Diamond Ultra Deepwater Drillship #2	Drillship	HHI
26	Jan. 2012	July 2013	Vantage	Tungsten Explorer	Drillship	DSME
27	May 2012	Jan. 2013	Transocean	GSF- High island	Jack Up	DRY DOCK (Dubai )
28	Apr. 2012	Aug. 2012	KNOC	Panama Zhambyl	Rig	ERSAI
29	May 201	July 2012	Corporative Grupo-R	Grupo-R GVA7500	Rig	DSME
30	Feb. 2012	Apr. 2012	Odebrecht	ODN #2	Drillship	DSME
31	June 2011	Apr. 2012	Odebrecht	ODN #1	Drillship	DSME
32	Jan. 2011	Apr. 2012	Vantage	TMT 2 (Dragon Quest)	Drillship	DSME
33	Sep. 2010	June 2011	Technip	H6001 OPS	PLV	STX Dalian
34	Oct. 2010	May 2011	Odebrecht	NORBE IX	Drillship	DSME
35	Jan. 2011	Apr. 2011	SeaDrill	West Pegasus	Rig	Jurong
36	Dec. 2009	Feb. 2011	Vantage	Sea Dragon	Rig	Jurong

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NO.	PERIOD		CLIENT	PROJECT NAME	TYPE	YARD
	START	DELIVERY				
37	Apr. 2010	Nov. 2010	Vantage	TMT 1 (Platinum Explorer)	Drillship	DSME
38	Sep. 2009	Aug. 2010	Transocean	Discoverer India	Drillship	DSME
39	June 2009	Mar. 2010	Transocean	Discoverer Luanda	Drillship	DSME
40	Dec. 2008	July 2009	Transocean	Discoverer Americas	Drillship	DSME
41	May 2008.	Mar. 2009	Transocean	Discoverer Clear Leader	Drillship	DSME
42	May 2008	Jan. 2009	Seadrill	West Aquarius	Rig	DSME
43	Feb. 2008	Oct. 2008	Seadrill	West Hercules	Rig	DSME