



**SAMUDERA INDONESIA**

# **DOCKING ACTIVITY MT.GAS NURI ARIZONA**

## **2015**





# DOCKING ACTIVITY

NO	ITEM	MAIN JOBS	ADDITIONAL JOBS	TOTAL
1	Class and Statutory Requirement	3,575,774,610	3,523,867,490	7,099,642,100
2	Improvement	203,925,000	19,110,000	223,035,000
3	General Service	1,277,403,200	25,490,000	1,302,893,200
<b>TOTAL</b>		5,057,102,810	3,568,467,490	8,625,570,300



# 1. CLASS AND STATUTORY REQUIREMENT

NO	ITEM	MAIN JOBS	ADDITIONAL JOBS	TOTAL
1.1	Hull	516,857,586	39,937,700	556,795,286
1.2	Sea Valve / Valve overboard	118,064,200	18,080,000	136,144,200
1.3	Cargo Equipment, Structural and System	720,050,000	1,130,519,250	1,850,569,250
1.4	Safety Equipment	28,710,000	224,232,000	252,942,000



# 1. CLASS AND STATUTORY REQUIREMENT

NO	ITEM	MAIN JOBS	ADDITIONAL JOBS	TOTAL
1.5	M/E System	285,170,600	106,179,400	391,350,000
1.6	A/E System	114,410,400	77,886,205	192,296,605
1.7	System Propulsion	185,760,000	91,000,000	276,760,000
1.8	Deck Equipment	33,180,000		33,180,000

# 1. CLASS AND STATUTORY REQUIREMENT

NO	ITEM	MAIN JOBS	ADDITIONAL JOBS	TOTAL
1.9	Navigation Equipment		11,600,000	11,600,000
1.10	Structural Item and Pipe on deck	1,157,448,064	1,423,271,757	2,580,719,821
1.11	Pipe and Pump in Engine room	416,123,760	401,161,178	817,284,938



## 2. IMPROVEMENT

NO	ITEM	MAIN JOBS	ADDITIONAL JOBS	TOTAL
2.1	Accommodation	203,925,000	19,110,000	223,035,000



## 3. GENERAL SERVICES

NO	ITEM	MAIN JOBS	ADDITIONAL JOBS	TOTAL
3.1	General Service	1,277,403,200	25,490,000	1,302,893,200



# CARGO EQUIPMENT, STRUCTURE & SYSTEM

NO	ITEM	VOLUME		BIAYA
1	Pipa water cooling cargo tank lengkap flange, elbow, support + pipa water spray dll	22.00	mtr	27,649,500
2	Strainer cargo	2.00	unit	10,000,000
3	Service valve air compressor dan ganti pipa drain cargo compressor	1.00	unit	2,220,548
4	Ganti m/b cover cargo doom, manhole COT & packing COT, ganti cover exhaust compressor, safety railing dan tangga	2.00	unit	56,636,000
5	Ganti papan nama pressure dan flammable	2.00	unit	6,600,000
6	Perawatan doom dan pondasi	2.00	unit	65,580,000
7	Ganti valve slip tube dan assistensinya	2.00	unit	4,935,250
8	Support dan klem pipa kanan kiri doom	34.00	set	30,233,000
9	Ganti 10 pcs check valve, pipa, panel box dll	1.00	lot	70,335,152





# CARGO EQUIPMENT, STRUCTURE & SYSTEM

NO	ITEM	VOLUME		BIAYA
10	Pipa dan valve cargo reheater dan instalasinya	1.00	lot	15,973,750
11	Mur baut cargo pump 46 set dan MPT pondasi, wearing impeller dll	1.00	lot	102,353,000
12	Gas detector COT 7 unit dan misc alarm 14 unit (jasa + material)	1.00	lot	134,382,000
13	Pipa buang pendingin dll	1.00	lot	27,019,000
14	UT dan MPT COT	1.00	lot	75,000,000
15	Supply barang dan spare part cooling compressor	1.00	lot	35,359,000
16	Material safety valve cargo	1.00	lot	276,475,000
17	Cargo re-heater dan pipa cargo line	1.00	lot	189,768,050
Jumlah Cargo equipment				1,130,519,250



## SAFETY EQUIPMENT

NO	ITEM	VOLUME	BIAYA
1	Perawatan dan overhaul life boat (mesin, propulsi, dan electrical)	2.00 unit	56,300,000
	Ganti seling, stopper, service hook dll	2.00 unit	109,382,000
2	Fire extinguishing/safety equipment	12.00 unit	58,550,000
	Jumlah		224,232,000



## STRUCTURAL ITEM & PIPE ON DECK

NO	ITEM	VOLUME	BIAYA
1	Cat merah top side, perawatan main deck, poop deck boat deck, dan f'castle deck serta house pipe jangkar, tnda selar	1.00 lot	125,031,750
2	Perawatan tank top void space dan pipa bunker	1.00 lot	22,384,000
3	Supporting windlass dan mooring winch (stopper, rumah kanvas rem,bull, tutup jangkar, pijakan dll)	1.00 unit	48,380,000
4	Ganti baru marine valve, pipa cuci jangkar, dry chemical box, pipa udara dll di fore castle deck	1.00 lot	52,753,200
5	Ganti pipa udara dan pipa isian BBM di main deck	1.00 lot	80,505,500
6	Ganti pipa sounding tangki WBT, Void dan	1.00 lot	183,705,100



## STRUCTURAL ITEM & PIPE ON DECK

NO	ITEM	VOLUME	BIAYA
7	Service air vent head, ventilasi dan penggantian materialnya di main deck	1.00 lot	96,244,000
8	Pipa pemadam, service valve dan supportnya	1.00 lot	49,162,312
9	Marine deck stand (valve tangki ballast)	17.00 unit	96,104,000



## STRUCTURAL ITEM & PIPE ON DECK

NO	ITEM	VOLUME	BIAYA
14	Dinding salon, pondasi fire box dan box powder, railling di poop deck	1.00 lot	14,295,322
15	Accommodation ladder kiri	1.00 unit	48,973,000
16	Service fairlead poop deck	12.00 unit	15,800,000



## STRUCTURAL ITEM & PIPE ON DECK

NO	ITEM	VOLUME	BIAYA
21	Cleaning FWT dan WBT	1.00 lot	24,555,000
22	Talk box, hose handle crane pipa drain dai poop deck ke main deck, overhaul rem motor gangway dll	1.00 lot	63,732,200
Jumlah structure item & pipe on deck			1,423,271,757



## PIPE & PUMP ENGINE ROOM

NO	ITEM	VOLUME		BIAYA
1	Ganti baru strainer sea chest	2.00	unit	15,000,000
2	Pintu engine control room	1.00	unit	1,500,000
3	Perbaikan SW Cooling pump	1.00	unit	29,900,000
4	Pasang baru pompa JRM dan modif instalasi pipanya	1.00	unit	27,445,500
5	Ganti valve bilge/ballast, SW cooling Dan LO cooling	4.00	unit	51,832,350
6	Ganti pipa cooleer kanan, pendingin AC	1.00	lot	34,178,250
7	Pasang baru pompa Sewage threatment dan modif instalasi pipanya serta service sewage	1.00	unit	72,679,294



## PIPE & PUMP ENGINE ROOM

NO	ITEM	VOLUME	BIAYA
8	Ganti baru pipa bunker test dan valvenya	13.00 mtr	75,215,334
9	Main SW cooling pump, ballast, bilge, Gs pump, LO transfer pump dan Sludge pump	6.00 unit	42,420,450
10	OWS	1.00 unit	31,090,000
11	Starting air system	1.00 lot	19,900,000
Jumlah pipe & pump engine room			401,161,178





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# FOTO CLASS AND STATUTORY REQUIREMENT



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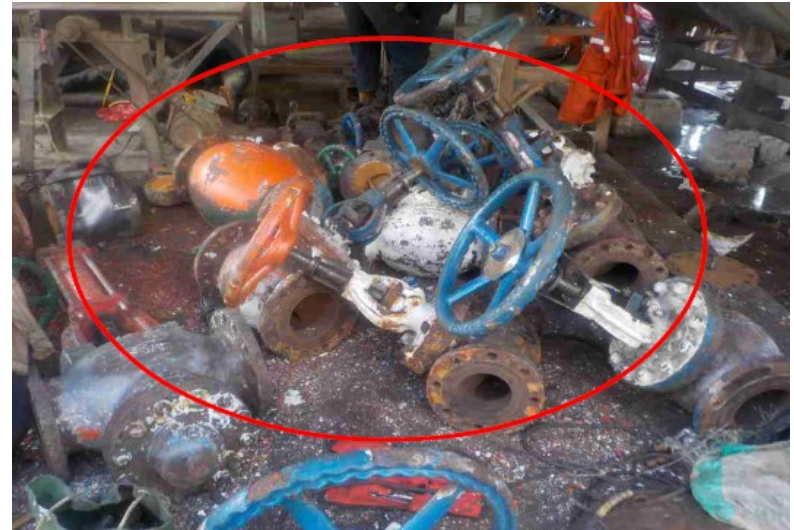


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# FOTO IMPROVEMENT





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