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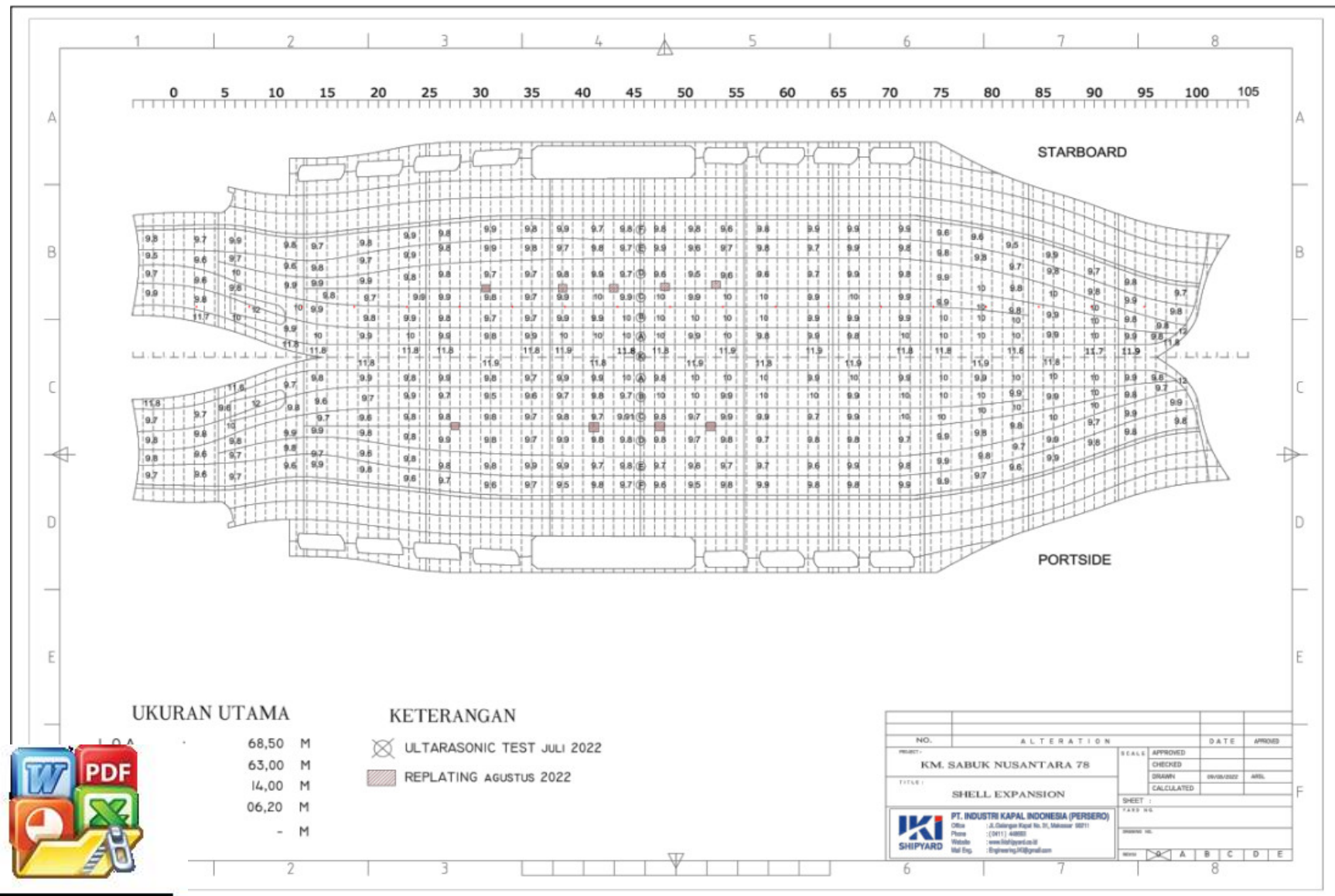


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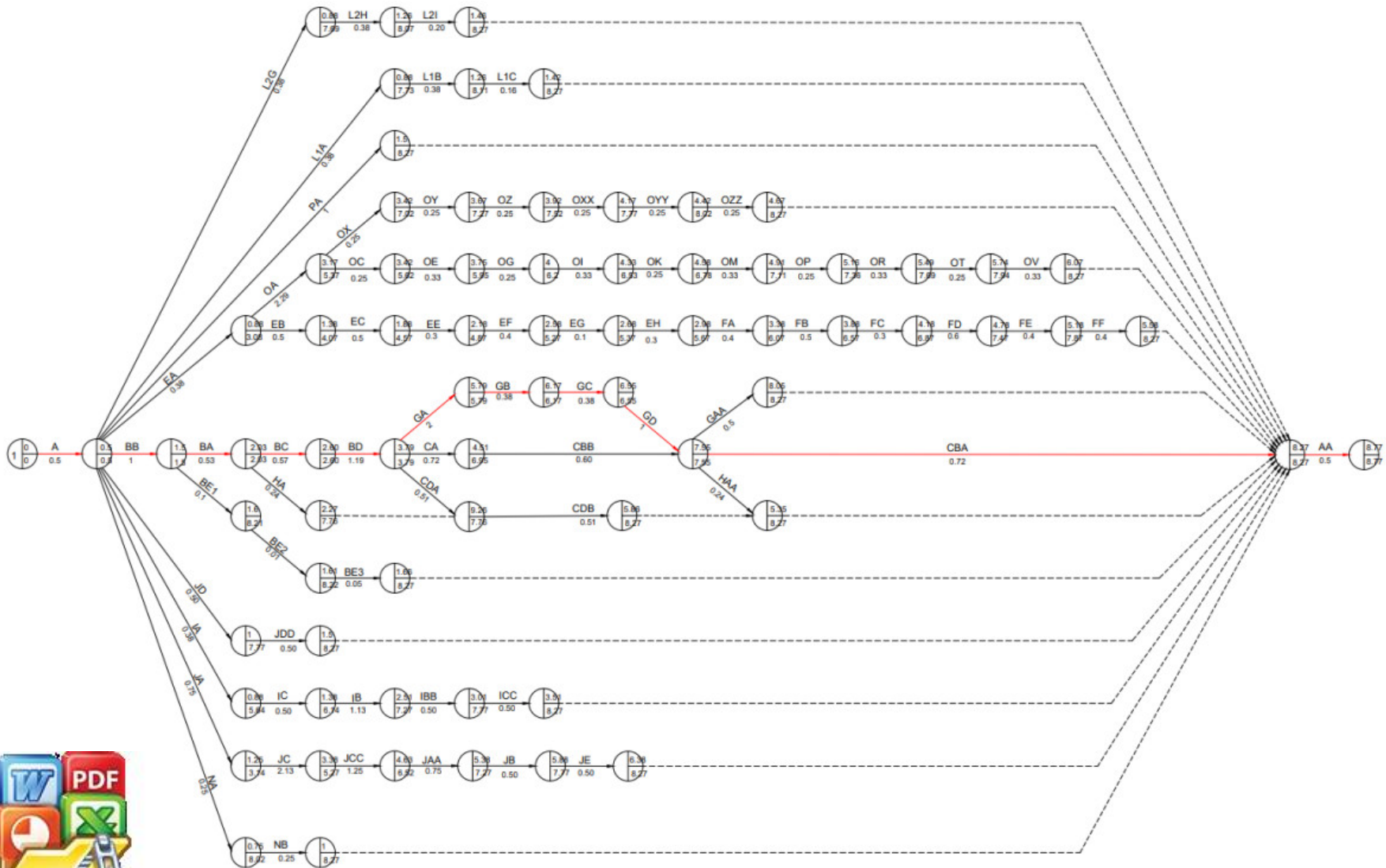
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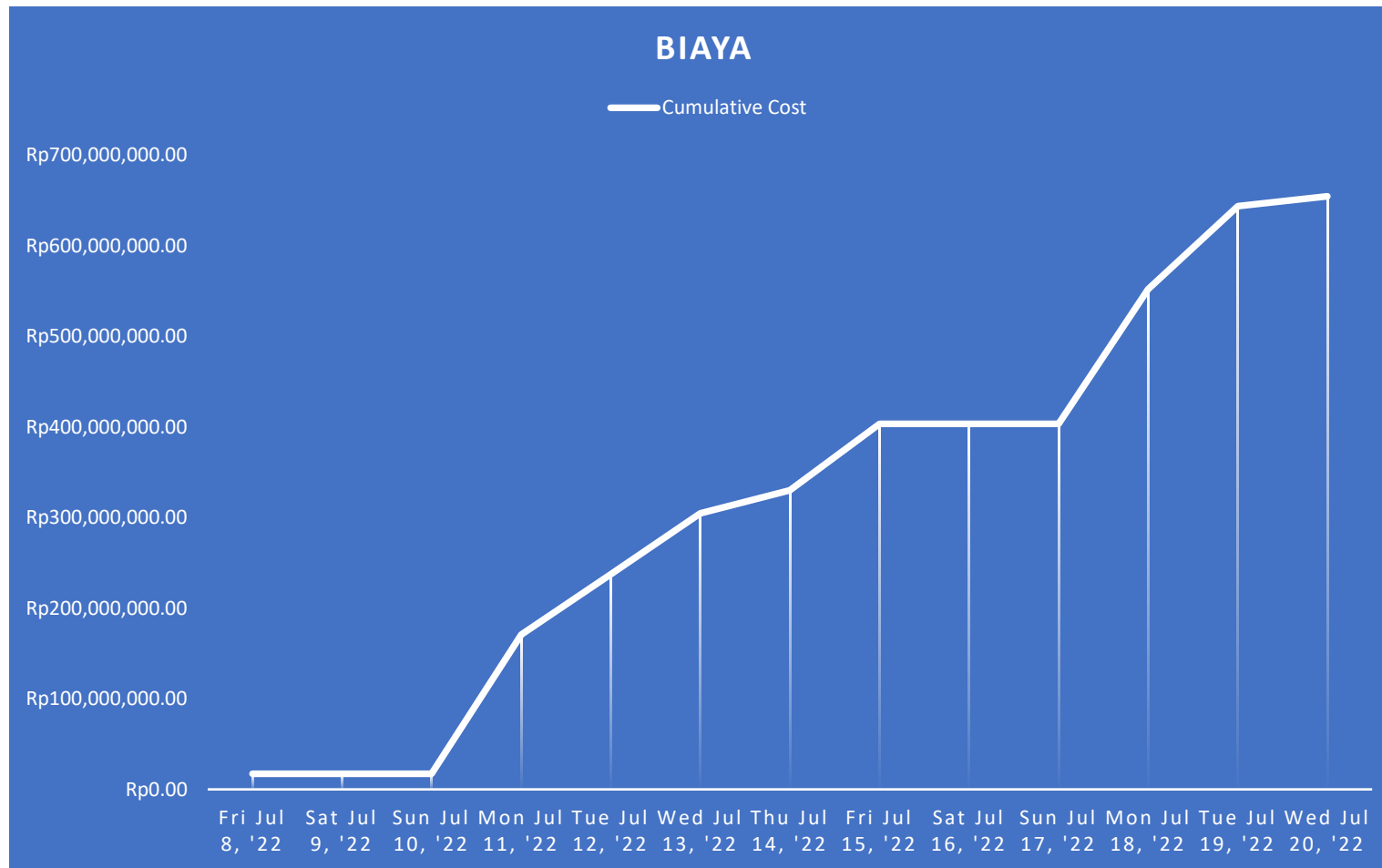
Lampiran 1 Shell expansion



Lampiran 2 Jaringan kerja



Lampiran 3 Kurva S biaya



Lampiran 4 Job order list

				REPAIR LIST & TIMELINE KM. SABUK NUSANTARA 78				PROJECT DURATION 9		PROJECT START DATE 8-Jul-22		PROJECT FINISH DATE 16-Jul-22					
Pelayaran = PT. PELNI				NO. ORDER = -						Update per				= 4 July 2022			
LOA (Length Over All) = 68.5 Mtr				Nama Pimpro = -						Main Engine				= -			
LPP (Length Between Perpendicular) = 63 Mtr				Yard Location = -						Type Of Survey				= -			
B (Breadth) = 14.00 Mtr				GRT (Gross Registered To = 222 Ton						CLASS				= -			
H (Height) = - Mtr				DWT (Dead Weigh Tonna = - Ton													

No	Deskripsi	Unit	Bobot	Timeline Days																Pelaksana Pekerjaan (Organik / Subkon.)	
				0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		16
				8-Jul	9-Jul	10-Jul	11-Jul	12-Jul	13-Jul	14-Jul	15-Jul	16-Jul	17-Jul	18-Jul	19-Jul	20-Jul	21-Jul	22-Jul	23-Jul		24-Jul
				Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat		Sun
1.13.0	Pelayanan Umum																				
1.13.1	Kapal naik/turun dok	Kapal naik/turun dok (termasuk 2 hari pertama)	1 kali	2.39																	
	Kapal di atas blok dok	Kapal di atas blok dok	7 hari	1.74																	
	Kapal sandar kade	Kapal sandar kade	1 hari	0.10																	
1.13.2	Pelayanan Kapal Gandeng	Pelayanan kapal gandeng, saat kapal berangkat dari perairan pelabuhan ke perairan dock, setelah selesai perbaikan/ perawatan dari perairan dock ke perairan pelabuhan termasuk kapal masuk dan keluar dock	1 kali	4.45																	
1.13.3	Pelayanan Tali Temali	Sediakan tenaga galangan saat melayani tali temali kapal, selama kapal naik / turun dock	1 kali	0.25																	
1.13.5	Air Tawar	Hubungkan dan lepaskan selang air tawar	1 kali	0.02																	
		Supply air tawar ke atas kapal setelah menjalani docking	70 Ton	1.17																	
1.13.7	Sampah	Bersihkan sampah dan kotoran ABK dan kamar mesin serta buang ke darat	3 m³	0.07																	
1.0.0 PELIMBUNGAN																					
1.1.0 Pembersihan Lambung di Bawah Garis Air																					
1.1.1	Dari deep load line (DLL) ke keel, termasuk daun kemudi	Dibersihkan dari lumut laut dan tiram	936 m²	1.45																	
		Tiram dan lumut disekrap 30%	281 m²	0.59																	
1.1.2	Dari deep load line (DLL) ke light load line (LLL)	Sweepblast 100 %	152 m²	0.82																	
1.1.3	kemudi	Sweepblast 100 %	784 m²	4.23																	



[illegible]

[illegible]

PERHITUNGAN KEBUTUHAN MATERIAL CONSUMABLE dan JAM ORANG

Kebutuhan Solar

- GKM	=	20 ltr/jam
- Grove	=	20 ltr/jam
- Forklift	=	5 ltr/jam
- Compressor	=	12 ltr/jam utk sandblasting 10 ltr/jam utk pengecatan
- Pasir	=	40 kg/mtr utk sandblasting 25 kg/mtr utk sweebblasting
- Sandblasting	=	15 mtr/jam
- Sweebblasting	=	25 mtr/jam
- Sekrap	=	12 - 15 mtr/jam
- Air tawar	=	10 ltr/mtr
	=	225-250 mtr/jam
- Pengecatan	=	100 mtr/jam
- Replating	,	6 kg/JO
Kawat las	=	25 kg/1000 kg plat
Oxigen	=	40 M3/1000 kg plat
LPG	=	10 kg/1000 kg plat

- Kebutuhan Person saat proses docking

GRAVING DOCK

Mandor	=	1 org
Penyelam	=	4 org
Helper	=	2 org
Pompa/winch	=	2 org
GKM	=	2 org

SLIP WAY

Mandor	=	1 org
Penyelam	=	4 org
Helper	=	2 org
Operator Winch	=	1 org
GKM	=	2 org

AIR BAG

Mandor	=	1 org
Pelaksana ahli	=	2 org
Helper	=	4 org
Operator Alat Berat	=	2 org
Operator Winch	=	1 org
	=	2 org



WAY

	=	1 org
	=	2 org
	=	4 org
Winch	=	1 org
GKM	=	2 org

PERHITUNGAN KEBUTUHAN JO PEK. PROPULSI

A. PROPULSI kapal 500 DWT (Pendingin air)

No.	Item Pekerjaan	JO	ORG	HARI	JAM	KETERANGAN
1	Buka Skern	2	2	1	1	
2	Pasang Skern	4	2	1	2	
3	Buka Remer's Packing	4	2	1	2	
4	Pasang Remer's Packing	4	2	1	2	
5	Pengukuran Clearance	4	2	1	2	
6	Buka flengs	8	2	1	4	
7	Pasang flengs	6	2	1	3	
8	Cabut As Propeller	12	3	1	4	
9	Prop. & As Propeller bawa ke bengkel pp	12	3	2	2	
10	Center kelurusan As Propeller di bangku bubut	6	2	1	3	
11	Pasang As Propeller	12	3	1	4	
12	Cabut Propeller	6	3	1	2	
13	Pasang Propeller	6	3	1	2	
14	Gerinda & Sirlak Propeller	3	1	1	3	
15	Balancir Propeller	2	2	1	1	
		91			37	

B. PROPULSI kapal >500 ~ 1000 DWT

No.	Item Pekerjaan	JO	ORG	HARI	JAM	KETERANGAN
1	Buka Skern	4	2	1	2	
2	Pasang Skern	9	3	1	3	
3	Buka Remer's Packing	6	2	1	3	
4	Pasang Remer's Packing	6	2	1	3	
5	Pengukuran Clearance	4	2	1	2	
6	Buka flengs	16	2	1	8	
7	Pasang flengs	12	2	1	6	
8	Cabut As Propeller	16	4	1	4	
9	Prop. & As Propeller bawa ke bengkel pp	12	3	2	2	
10	Center kelurusan As Propeller di bangku bubut	6	2	1	3	
11	Pasang As Propeller	16	4	1	4	
12	Cabut Propeller	9	3	1	3	
	opeller	6	3	1	2	
	Sirlak Propeller	3	1	1	3	
	ropeller	4	2	1	2	
		129			50	



C. PROPULSI kapal > 1000 ~ 2000 DWT

No.	Item Pekerjaan	JO	ORG	HARI	JAM	KETERANGAN
1	Buka Skern	4	2	1	2	
2	Pasang Skern	12	3	1	4	
3	Buka Remer's Packing	6	2	1	3	
4	Pasang Remer's Packing	4	2	1	2	
5	Pengukuran Clearance	6	2	1	3	
6	Buka flengs	64	4	2	8	
7	Pasang flengs	64	4	2	8	
8	Cabut As Propeller	40	5	1	8	
9	Prop. & As Propeller bawa ke bengkel pp	18	3	2	3	
10	Center kelurusan As Propeller di bangku bubut	6	2	1	3	
11	Pasang As Propeller	40	5	1	8	
12	Cabut Propeller	9	3	1	3	
13	Pasang Propeller	9	3	1	3	
14	Gerinda & Sirlak Propeller	8	2	1	4	
15	Balancir Propeller	6	3	1	2	
		296			64	

D. PROPULSI kapal > 2000 DWT (Pendingin air)

No.	Item Pekerjaan	JO	ORG	HARI	JAM	KETERANGAN
1	Buka Skern	6	2	1	3	
2	Pasang Skern	18	3	1	6	
3	Buka Remer's Packing	8	2	1	4	
4	Pasang Remer's Packing	8	2	1	4	
5	Pengukuran Clearance	6	2	1	3	
6	Buka flengs	96	4	3	8	
7	Pasang flengs	64	4	2	8	
8	Cabut As Propeller	50	5	1	10	
9	Prop. & As Propeller bawa ke bengkel pp	18	3	2	3	
10	Center kelurusan As Propeller di bangku bubut	8	2	1	4	
11	Pasang As Propeller	50	5	1	10	
12	Cabut Propeller	12	3	1	4	
13	Pasang Propeller	12	3	1	4	
14	Gerinda & Sirlak Propeller	8	2	1	4	
15	Balancir Propeller	9	3	1	3	
		373			78	



nal > 2000 DWT (Pendingin oli)

Item Pekerjaan	JO	ORG	HARI	JAM	KETERANGAN
n	6	2	1	3	
ern	18	3	1	6	
5 Pengukuran Clearance	8	2	1	4	

4	Buka flengs SKF	96	4	3	8	
5	Pasang flengs SKF	64	4	2	8	
6	Buka Simplex seal luar/dalam	24	2	2	6	
7	Pasang Simplex seal luar/dalam	12	2	1	6	
8	Pengolahan chrom linier luar/dalam	12	2	1	6	
9	Pengetesan Simplex seal luar/dalam	34	2	1	17	
10	Cabut As Propeller	50	5	1	10	
11	Prop. & As Propeller bawa ke bengkel pp	18	3	2	3	
12	Center kelurusan As Propeller di bangku bubut	12	2	1	6	
13	Pasang As Propeller	50	5	1	10	
14	Cabut Propeller	18	3	1	6	
15	Pasang Propeller	18	3	1	6	
16	Gerinda & Sirlak Propeller	12	2	1	6	
17	Balancir Propeller	9	3	1	3	
		461			114	



PERHITUNGAN KEBUTUHAN JO PEK. KEMUDI

A. TONGKAT KEMUDI KAPAL <= 500 DWT (Model Kemudi Gantung)

No.	Item Pekerjaan	JO	ORG	HARI	JAM	KETERANGAN
1	Buka Remer's Packing	4	2	1	2	
2	Pasang Remer's Packing	4	2	1	2	
3	Pengukuran Clearance	4	2	1	2	
4	Buka Mur/Baut Flengs Kemudi dan bongkar semen	6	2	1	3	
5	Pasang Mur/Baut Flengs Kemudi dan penyemenan	6	2	1	3	
6	Buka Daun Kemudi	6	3	1	2	
7	Pasang Daun Kemudi	12	3	2	2	
8	Buka Kwadrant	4	2	1	2	
9	Pasang Kwadrant	4	2	1	2	
10	Buka Tongkat Kemudi	6	3	1	2	
11	Pasang Tongkat Kemudi	6	3	1	2	
12	Tongkat Kemudi bawa ke bengkel pp	12	3	2	2	
13	Center kelurusan Tongkat Kemudi di bangku bubut	4	2	1	2	
		78			28	

B. TONGKAT KEMUDI KAPAL <= 1000 DWT

No.	Item Pekerjaan	JO	ORG	HARI	JAM	KETERANGAN
1	Buka Remer's Packing	4	2	1	2	
2	Pasang Remer's Packing	4	2	1	2	
3	Pengukuran Clearance	4	2	1	2	
4	Buka Mur/Baut Flengs Kemudi dan bongkar semen	8	2	1	4	
5	Pasang Mur/Baut Flengs Kemudi dan penyemenan	8	2	1	4	
6	Buka Daun Kemudi	9	3	1	3	
7	Pasang Daun Kemudi	18	3	2	3	
8	Buka Kwadrant	6	2	1	3	
9	Pasang Kwadrant	6	2	1	3	
10	Buka Tongkat Kemudi	9	3	1	3	
11	Pasang Tongkat Kemudi	9	3	1	3	
12	Tongkat Kemudi bawa ke bengkel pp	12	3	2	2	
13	Center kelurusan Tongkat Kemudi di bangku bubut	4	2	1	2	
		101			36	



JDI KAPAL > 1000 ~ 2000 DWT

Optimized using trial version www.balesio.com	Item Pekerjaan	JO	ORG	HARI	JAM	KETERANGAN
	's Packing	6	2	1	3	

2	Pasang Remer's Packing	6	2	1	3	
3	Pengukuran Clearance	4	2	1	2	
4	Buka Mur/Baut Flengs Kemudi dan bongkar semen	18	3	1	6	
5	Pasang Mur/Baut Flengs Kemudi dan penyemenan	18	3	1	6	
6	Buka Daun Kemudi	12	3	1	4	
7	Pasang Daun Kemudi	24	3	2	4	
8	Buka Kwadrant	6	2	1	3	
9	Pasang Kwadrant	6	2	1	3	
10	Buka Tongkat Kemudi	12	3	1	4	
11	Pasang Tongkat Kemudi	12	3	1	4	
12	Tongkat Kemudi bawa ke bengkel pp	12	3	2	2	
13	Center kelurusan Tongkat Kemudi di bangku bubut	9	3	1	3	
		145			47	

D. TONGKAT KEMUDI KAPAL > 2000 DWT (MODEL PINTLE biasa)

No.	Item Pekerjaan	JO	ORG	HARI	JAM	KETERANGAN
1	Buka Remer's Packing / Mechanical Seal	8	2	1	4	
2	Pasang Remer's Packing / Mechanical Seal	8	2	1	4	
3	Pengukuran Clearance	6	2	1	3	
4	Buka Mur/Baut Flengs Kemudi dan bongkar semen	24	4	1	6	
5	Pasang Mur/Baut Flengs Kemudi dan penyemenan	24	4	1	6	
6	Buka Daun Kemudi	16	4	1	4	
7	Pasang Daun Kemudi	32	4	2	4	
8	Buka Kwadrant	8	2	1	4	
9	Pasang Kwadrant	6	2	1	3	
10	Buka Tongkat Kemudi	16	4	1	4	
11	Pasang Tongkat Kemudi	16	4	1	4	
12	Tongkat Kemudi bawa ke bengkel pp	12	3	2	2	
13	Center kelurusan Tongkat Kemudi di bangku bubut	9	3	1	3	
		185			51	

D.TONGKAT KEMUDI KAPAL > 5000 DWT (MODEL PINTLE dalam)

No.	Item Pekerjaan	JO	ORG	HARI	JAM	KETERANGAN
1	Buka Remer's Packing / Mechanical Seal	8	2	1	4	
2	Pasang Remer's Packing / Mechanical Seal	8	2	1	4	
3	Pengukuran Clearance	6	2	1	3	
2	Buka Plat Jendela Mur Tongkat Kemudi	8	2	1	4	
	Jendela MurTongkat Kemudi	12	2	1	6	2 Org welder
	ongkat Kemudi	12	3	1	4	
	Tongkat Kemudi	12	3	1	4	
	Kemudi	16	4	1	4	
	n Kemudi	48	4	2	6	
	ant	12	3	1	4	
	drant	12	3	1	4	
10	Buka Tongkat Kemudi	16	4	1	4	



11	Pasang Tongkat Kemudi	16	4	1	4	
12	Buka Mur Pintle Kemudi	9	3	1	3	
13	Pasang Mur Pintle Kemudi	9	3	1	3	
12	Tongkat Kemudi bawa ke bengkel pp	18	3	2	3	
13	Center kelurusan Tongkat Kemudi di bangku bubut	9	3	1	3	
		231			67	



PERHITUNGAN KEBUTUHAN JO PEK. RANTAI JANGKAR & BAK RANTAI

A. KAPAL = >500 DWT

No.	Item Pekerjaan	JO	ORG	HARI	JAM	KETERANGAN
A.	Rantai Jangkar (ki/ka)					
1	Turunkan Rantai	6	3	1	2	
2	Naikkan Rantai	9	3	1	3	
3	Atur di atas Meja Kerja	12	3	1	4	
4	Pengukuran Rantai	1	1	1	1	
5	Perawatan Rantai	9	3	1	3	
6	Pengecatan Rantai	9	3	1	3	
B.	Bak Rantai (ki/ka)					
1	Pembersihan	12	3	1	4	
2	Pengecatan	8	2	1	4	
		66			24	

B. KAPAL = > 1000 DWT

No.	Item Pekerjaan	JO	ORG	HARI	JAM	KETERANGAN
A.	Rantai Jangkar (ki/ka)					
1	Turunkan Rantai	6	3	1	2	
2	Naikkan Rantai	9	3	1	3	
3	Atur di atas Meja Kerja	16	4	1	4	
4	Pengukuran Rantai	1	1	1	1	
5	Perawatan Rantai	12	3	1	4	
6	Pengecatan Rantai	12	3	1	4	
B.	Bak Rantai (ki/ka)					
1	Pembersihan	12	3	1	4	
2	Pengecatan	8	2	1	4	
		76			26	

C. KAPAL = > 2000 DWT

No.	Item Pekerjaan	JO	ORG	HARI	JAM	KETERANGAN
	kar (ki/ka)					
	antai	12	3	1	4	
	antai	12	3	1	4	
	Meja Kerja	16	4	1	4	
	i Rantai	4	2	1	2	
	Rantai	12	3	1	4	
	Rantai	12	3	1	4	



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trial version
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1	Pembersihan	12	3	1	4	
2	Pengecatan	8	2	1	4	
		88			30	

D. KAPAL 5000 DWT ~10.000 DWT

No.	Item Pekerjaan	JO	ORG	HARI	JAM	KETERANGAN
A.	Rantai Jangkar (ki/ka)					
1	Turunkan Rantai	12	3	1	4	
2	Naikkan Rantai	12	3	1	4	
3	Atur di atas Meja Kerja	16	4	1	4	
4	Pengukuran Rantai	4	2	1	2	
5	Perawatan Rantai	12	3	1	4	
6	Pengecatan Rantai	12	3	1	4	
B.	Bak Rantai					
1	Pembersihan	16	4	1	4	
2	Pengecatan	12	3	1	4	
		96			30	



PERHITUNGAN KEBUTUHAN JO PEK. SYSTEM INSTALASI PIPA

A. PIPA AIR BALLAST / AIR TAWAR (Per Meter)

No.	Item Pekerjaan	JO	ORG	HARI	JAM	KETERANGAN
A.	Pipa $\varnothing 1/2'' \sim \varnothing 1''$					
1	Buka di Kapal	2	2	1	1	
2	Fabrikasi / Pengelasan	2	1	1	2	
3	Pasang di Kapal	2	2	1	1	
4	Pengetesan	1	1	1	1	
		7			5	
B.	Pipa $\varnothing 1 1/4'' \sim \varnothing 2''$					
1	Buka di Kapal	2	2	1	1	
2	Fabrikasi	2	1	1	2	
3	Pasang di Kapal	4	2	1	2	
4	Pengetesan	1	1	1	1	
		9			6	
C.	Pipa $\varnothing 2 1/2'' \sim \varnothing 4''$					
1	Buka di Kapal	6	3	1	2	
2	Fabrikasi	9	3	1	3	
3	Pasang di Kapal	12	3	1	4	
4	Pengetesan	1	1	1	1	
		28			10	
D.	Pipa $\varnothing 5'' \sim \varnothing 6''$					
1	Buka di Kapal	6	3	1	2	
2	Fabrikasi	9	3	1	3	
3	Pasang di Kapal	9	3	1	3	
4	Pengetesan	9	3	1	3	
		33			11	
E.	Pipa $\varnothing 8'' \sim \varnothing 12''$					
1	Buka di Kapal	6	3	1	2	
2	Fabrikasi	9	3	1	3	
3	Pasang di Kapal	12	3	1	4	
4	Pengetesan	1	1	1	1	
		28			10	
E.	Pipa $\varnothing 14'' \sim \varnothing 16''$					
1	Buka di Kapal	6	3	1	2	
2	Fabrikasi	9	3	1	3	
	apal	12	3	1	4	
		1	1	1	1	
		28			10	



E.	Pipa $\varnothing$ 18" ~ $\varnothing$ 24"					
1	Buka di Kapal	6	3	1	2	
2	Fabrikasi	9	3	1	3	
3	Pasang di Kapal	12	3	1	4	
4	Pengetesan	1	1	1	1	
		28			10	



Project Cargo Passengg

Date: Mon 11/20/23

Task

Split

Milestone

Summary

Project Summary

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

External Tasks

External Milestone

Deadline

Critical

Critical Split

Progress

Manual Progress

Task Name

Duration

Start

Finish

Predecessors

Resource Names

PEPARASI KAPAL

8.77 days

Fri 7/8/22

Wed 7/20/22

A. kapal masuk dan naik di atas block dock

0.5 days

Fri 7/8/22

Fri 7/8/22

SOLAR[80 TON],MANDOR,PENYELAM[2],OPERATOR WINCH,OPERATOR GKM[2],KAPAL TUNDA[Rp1,050,000.00],SLIPWAY[Rp14,175,000.00]

Tiram dan lumut disekrap

1 day

Mon 7/11/22

Mon 7/11/22

2

TUKANG SCRAPING[10],TONGKAT SCRAP[10 Bh]

disemprot waterjet air tawar

0.52 days

Tue 7/12/22

Tue 7/12/22

3

AIR TAWAR[9.56 TON],TUKANG SEMPROT AIR,HELPER,WATERJET MACHINE[Rp6,500,000.00]

Sweepblast 100%

0.57 days

Tue 7/12/22

Wed 7/13/22

4

SOLAR[217 TON],PASIR BLASTING[11,300 Kg],TUKANG BLASTING[4],HELPER[4]

Sweepblast 100%

1.19 days

Wed 7/13/22

Fri 7/15/22

5

PASIR BLASTING[23,894 Kg],SOLAR[459 TON],AIR COMPRESSOR[Rp2,600,000.00],SANDBLASTING/VAPORBLASTING MACHINE[1]

Lorong bow thruster Disekrap

0.1 days

Tue 7/12/22

Tue 7/12/22

3

TUKANG SCRAPING,TONGKAT SCRAP[1 Bh]

Lorong bow thruster Diwater jet air tawar

0.01 days

Tue 7/12/22

Tue 7/12/22

7

TUKANG SEMPROT AIR,AIR TAWAR[0.1 TON]

Lorong bow thruster Disweepblast

0.01 days

Tue 7/12/22

Tue 7/12/22

8

PASIR BLASTING[250 Kg],HELPER[4],TUKANG BLASTING[4]

PENGECATAN AC

0.72 days

Fri 7/15/22

Fri 7/15/22

6

SOLAR[93 TON],THINNER[62 KALENG],Cat AC Jotaprime500[13 KALENG],TUKANG CAT[4],HELPER[2],COATING SPRAY MACHINE[1]

PENGECATAN FINISH

0.72 days

Fri 7/15/22

Mon 7/18/22

10

TUKANG CAT[4],AIR COMPRESSOR[Rp2,600,000.00],COATING SPRAY MACHINE[Rp975,000.00],HELPER[2],THINNER[62 KALENG]

PENGECATAN AF

0.6 days

Mon 7/18/22

Tue 7/19/22

11

TUKANG CAT[4],AIR COMPRESSOR[Rp2,600,000.00],COATING SPRAY MACHINE[Rp975,000.00],HELPER[2],THINNER[62 KALENG]

Kotak-kotak masukan air laut dibuka saringan-saringannya (grating) dan bagian dalam kotak dibersihkan kemudian dicat dengan 1 x AC dan 1 x AF

1.14 days

Mon 7/11/22

Tue 7/12/22

2

TUKANG CAT,Cat AC Jotaprime500[1 KALENG],Cat AF SeaQuantum Skate[1 KALENG],TUKANG SCRAPING,HELPER,PEMBERSIHAN SEA CHEST[1]

Katup-katup isap air laut - Sea Chest Gate Valve Uk. Ø 15"" x 2 bh - Sea Chest Globe Valve Uk Ø 15"" x 1 bh

1.5 days

Tue 7/12/22

Wed 7/13/22

13

MEKANIK PIPING[2],HELPER,AMRIL[1 KALENG],PEKERJAAN KATUP KATUP[Rp25,246,000.00]

Saringan Sea Chest Strainer Ø 15"" x 500

0.5 days

Wed 7/13/22

Thu 7/14/22

14,13

STRAINER DIAMETER 5 INCH[4 Bh]

Mesin Induk Globe Valve Uk. Ø 3"

0.6 days

Thu 7/14/22

Thu 7/14/22

13,14,15

MEKANIK PIPING[2],HELPER,PEKERJAAN KATUP KATUP[Rp1,752,000.00]

Mesin Bantu Globe Valve Uk. Ø 2.5"

0.4 days

Thu 7/14/22

Fri 7/15/22

16

Harbour Generator Globe Valve Uk. Ø 2.5"

0.1 days

Fri 7/15/22

Fri 7/15/22

17

Emergency Fire Pump Globe Valve Uk. Ø 2.5"

0.3 days

Fri 7/15/22

Fri 7/15/22

18

Mesin Induk Globe Valve Uk. Ø 3"

0.4 days

Fri 7/15/22

Fri 7/15/22

19

PEKERJAAN KATUP KATUP[Rp1,752,000.00]

Mesin Bantu Globe Valve Uk. Ø 2.5"

0.5 days

Fri 7/15/22

Mon 7/18/22

20

PEKERJAAN KATUP KATUP[Rp2,628,000.00]

Mesin Harbour Globe Valve Uk. Ø 2.5"

0.3 days

Mon 7/18/22

Mon 7/18/22

21

MEKANIK PIPING[2],HELPER,PEKERJAAN KATUP KATUP[Rp876,000.00]

Ballast/Bilge Globe Valve Uk. Ø 2.5"

0.6 days

Mon 7/18/22

Tue 7/19/22

22

PEKERJAAN KATUP KATUP[Rp4,380,000.00]

Tinja Gate Valve Uk. Ø 4"

0.4 days

Tue 7/19/22

Tue 7/19/22

23

PEKERJAAN KATUP KATUP[Rp3,400,000.00]

Tinja Globe Valve Uk. Ø 4"

0.4 days

Tue 7/19/22

Wed 7/20/22

24

PEKERJAAN KATUP KATUP[Rp2,200,000.00]

"Jangkar dan rantai kiri/kanan diturunkan dan diuraikan di lantai dock, dibersihkan, diwaterjet air tawar, diketoki, dan dikalibrasi untuk pemeriksaan class, termasuk D-shackles & kenter shackles dirawat, swivel dilas ulang dan dilancarkan, kemudian dicat

2 days

Tue 7/12/22

Thu 7/14/22

4

TEKNISI JANGKAR & R. JANGKAR[2],TUKANG SEMPROT AIR,SOLAR[40 TON],TRUCK CRANE[Rp5,000,000.00],PEKERJAAN JANGKAR DAN RANTAI DINAIKKAN

Ganti Baru - Kanvas rem Ferodo winch jangkar Uk. 1500 x 120 x 12 mm - Baut Versing M6 x 30 mm - Ganti baru Split Pen diameter 6 x 60 - Tambah daging pada winch roller rantai jangkar

0.38 days

Thu 7/14/22

Thu 7/14/22

26

TEKNISI JANGKAR & R. JANGKAR

Ganti Baru - Kanvas rem Ferodo winch Uk. 1500 x 120 x 12 mm - Baut Versing M6 x 30 mm

0.38 days

Thu 7/14/22

Fri 7/15/22

27

TEKNISI JANGKAR & R. JANGKAR[2]

Dibersihkan bak rantai kiri/kanan termasuk bongkar/pasang alas lantai , dicat bitumastic (dock supply) buang lumpur ke darat ± 1 m³

1 day

Fri 7/15/22

Mon 7/18/22

28

TEKNISI JANGKAR & R. JANGKAR[2],TUKANG CAT,TUKANG SEMPROT AIR,TUKANG SCRAPING,PEMBERSIHAN SEA CHEST

JANGKAR DAN RANTAI DINAIKKAN

0.5 days

Mon 7/18/22

Mon 7/18/22

29

TEKNISI JANGKAR & R. JANGKAR,PASIR BLASTING[150 Kg]

Buka zinc anodes 4 Kg pada lambung kapal

0.24 days

Tue 7/12/22

Tue 7/12/22

4

FITTER,HELPER

Pasang zinc anodes 4 Kg pada lambung kapal

0.24 days

Mon 7/18/22

Tue 7/19/22

11,31

WELDER,ZINK ANODE[38 Bh],HELPER,WELDING MACHINE[Rp560,000.00],BLENDER SET[Rp450,000.00],OK

PEKERJAAN DAUN KEMUDI

2.13 days

Mon 7/11/22

Wed 7/13/22

Ukur ruang gerak bush tongkat dan bush pintle kemudi, kemudian dibuatkan laporan rangkap 6

0.38 days

Tue 7/12/22

Tue 7/12/22

35

FEELER GAUGE[1],INSIDE CALIPER[1],JASA UKUR CLEARANCE TONGKAT KEMUDI[Rp5,826,000.00],MEKANIK PROPULSI

tongkat kemudi diturunkan dan diukur kelurusan serta diperiksa keretakan dengan colour check di bengkel

1.13 days

Mon 7/11/22

Tue 7/12/22

2

JASA PENURUNAN TONGKAT KEMUDI[Rp31,403,000.00]

Ganti baru remes packing kemudi buka

0.5 days

Tue 7/12/22

Wed 7/13/22

34

MEKANIK PROPULSI[2]

Ganti baru remes packing kemudi pasang

0.5 days

Tue 7/12/22

Wed 7/13/22

38

REMES PACKING[1 RoLL],MEKANIK PROPULSI[2]

tongkat kemudi Di naikkan

0.5 days

Tue 7/12/22

Tue 7/12/22

35

MEKANIK PROPULSI[2]

PEKERJAAN PROPELLER DAN POROS PROPELLER

4.28 days

Mon 7/11/22

Fri 7/15/22

Bongkar skerm seal poros, dan ukur ruang gerak poros baling-baling ki/ka sebelum dan sesudah dilepas serta buatkan laporannya rangkap 6

0.75 days

Mon 7/11/22

Mon 7/11/22

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