

nelayan terkait untuk wilayah operasional Palipi menggunakan perahu sandeq berukuran 9 meter menangkap ikan.

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LAMPIRAN

Lampiran 1 Data Kuisisoner

KUESIONER PENELITIAN KAJIAN INVESTASI PERAHU SANDEQ			
No			
Nama Kapal			
Pemilik Kapal			
Jenis Kapal			
Tipe Kapal			
Narasumber:			
nama:			
posisi:			
Lokasi Kapal Tambat			
Fungsi Kapal			
waktu Operasional Kapal (Bulan, jumlah roundtrip perbulan)			
waktu kapal tidak beroperasi(alasan)			
Area Tangkapan (jarak,			

Lampiran 2 format tabel penyajian data

NO	PERTANYAAN	ISIAN	SATUAN	KETERANGAN
I	<i>Spesifikasi Kapal</i>			
1	Kapasitas Kapal (GT)		GT	
2	Panjang (L)		meter	
3	Lebar (B)		meter	
4	Tinggi (H)		meter	
5	Sarat (T)		meter	
6	Volume Palka			
7	Daya Mesin		PK	
			merek mesin	
8	Jenis Alat Tangkap			
9	Biaya Investasi (Harga Kapal)			
II	<i>Spesifikasi Operasional</i>			
1	Jarak operasional		mil	
2	Konsumsi Bahan bakar		ton atau liter	
3	Biaya Bahan Bakar		Rp/liter	
4	Biaya Minyak Pelumas			
5	Sistem penggajian ABK		per bulan atau bagi	
6	Sistem pembagian hasil*		persentasi pengga	untuk sistem bagi has
7	Jumlah ABK		orang	
8	Gaji ABK*		Rp/org/bulan	
9	Biaya konsumsi ABK*		Rp/org/bulan	untuk penggajian bula
10	Tunjangan ABK*		Rp/org/bulan	
11	Biaya perawatan mesin dan kapal		Rp/tahun	
12	Komponen Biaya lainnya yang belum disebutkan		Rp/bulan	
	es balok			
13	Rata-rata hasil tangkapan		Ton atau Kg	
14	Harga jual hasil tangkapan		Rp/kg	

Lampiran 3 Analisis Kelayakan Investasi Berdasarkan NPV

Perahu sandeq Sarina

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(15,000,000)	1.0000	(15,000,000)
1	24,536,720	0.9091	22,306,109
2	24,536,720	0.8264	20,278,281
3	24,536,720	0.7513	18,434,801
4	24,536,720	0.6830	16,758,910
5	24,536,720	0.6209	15,235,373
6	24,536,720	0.5645	13,850,339
7	24,536,720	0.5132	12,591,217
8	24,536,720	0.4665	11,446,561
9	24,536,720	0.4241	10,405,965
10	24,536,720	0.3855	9,459,968
		NPV	135,767,523

Perahu sandeq Asyifa

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(15,000,000)	1.0000	(15,000,000)
1	22,136,720	0.9091	20,124,291
2	22,136,720	0.8264	18,294,810
3	22,136,720	0.7513	16,631,645
4	22,136,720	0.6830	15,119,678
5	22,136,720	0.6209	13,745,161
6	22,136,720	0.5645	12,495,601
7	22,136,720	0.5132	11,359,638
8	22,136,720	0.4665	10,326,943
9	22,136,720	0.4241	9,388,130
10	22,136,720	0.3855	8,534,664
		NPV	121,020,562

Perahu sandeq Ayudi Aflah

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(10,000,000)	1.0000	(10,000,000)
1	13,736,720	0.9091	12,487,927
2	13,736,720	0.8264	11,352,661
3	13,736,720	0.7513	10,320,601
4	13,736,720	0.6830	9,382,365
5	13,736,720	0.6209	8,529,422
6	13,736,720	0.5645	7,754,020
7	13,736,720	0.5132	7,049,109
8	13,736,720	0.4665	6,408,281
9	13,736,720	0.4241	5,825,710
10	13,736,720	0.3855	5,296,100
		NPV	74,406,198

Perahu sandeq Rastia Sototo

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(10,000,000)	1.0000	(10,000,000)
1	17,186,720	0.9091	15,624,291
2	17,186,720	0.8264	14,203,901
3	17,186,720	0.7513	12,912,637
4	17,186,720	0.6830	11,738,761
5	17,186,720	0.6209	10,671,601
6	17,186,720	0.5645	9,701,455
7	17,186,720	0.5132	8,819,505
8	17,186,720	0.4665	8,017,732
9	17,186,720	0.4241	7,288,847
10	17,186,720	0.3855	6,626,225
		NPV	95,604,954

Perahu sandeq Putri Ninja

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(15,000,000)	1.0000	(15,000,000)
1	19,171,720	0.9091	17,428,836
2	19,171,720	0.8264	15,844,397
3	19,171,720	0.7513	14,403,997
4	19,171,720	0.6830	13,094,543
5	19,171,720	0.6209	11,904,130
6	19,171,720	0.5645	10,821,936
7	19,171,720	0.5132	9,838,124
8	19,171,720	0.4665	8,943,749
9	19,171,720	0.4241	8,130,681
10	19,171,720	0.3855	7,391,528
NPV			102,801,920

Perahu sandeq Putra Kembar

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(10,000,000)	1.0000	(10,000,000)
1	15,786,720	0.9091	14,351,564
2	15,786,720	0.8264	13,046,876
3	15,786,720	0.7513	11,860,796
4	15,786,720	0.6830	10,782,542
5	15,786,720	0.6209	9,802,311
6	15,786,720	0.5645	8,911,192
7	15,786,720	0.5132	8,101,084
8	15,786,720	0.4665	7,364,621
9	15,786,720	0.4241	6,695,110
10	15,786,720	0.3855	6,086,464
NPV			87,002,560

Perahu sandeq Cahaya Nurun

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(15,000,000)	1.0000	(15,000,000)
1	15,500,000	0.9091	14,090,909
2	15,500,000	0.8264	12,809,917
3	15,500,000	0.7513	11,645,379
4	15,500,000	0.6830	10,586,709
5	15,500,000	0.6209	9,624,281
6	15,500,000	0.5645	8,749,346
7	15,500,000	0.5132	7,953,951
8	15,500,000	0.4665	7,230,864
9	15,500,000	0.4241	6,573,513
10	15,500,000	0.3855	5,975,921
		NPV	80,240,790

Perahu sandeq Irma Indah

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(10,000,000)	1.0000	(10,000,000)
1	11,300,000	0.9091	10,272,727
2	11,300,000	0.8264	9,338,843
3	11,300,000	0.7513	8,489,857
4	11,300,000	0.6830	7,718,052
5	11,300,000	0.6209	7,016,411
6	11,300,000	0.5645	6,378,555
7	11,300,000	0.5132	5,798,687
8	11,300,000	0.4665	5,271,533
9	11,300,000	0.4241	4,792,303
10	11,300,000	0.3855	4,356,639
		NPV	59,433,608

Perahu sandeq Cahaya Hikmah

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(12,000,000)	1.0000	(12,000,000)
1	11,050,000	0.9091	10,045,455
2	11,050,000	0.8264	9,132,231
3	11,050,000	0.7513	8,302,029
4	11,050,000	0.6830	7,547,299
5	11,050,000	0.6209	6,861,181
6	11,050,000	0.5645	6,237,437
7	11,050,000	0.5132	5,670,397
8	11,050,000	0.4665	5,154,907
9	11,050,000	0.4241	4,686,279
10	11,050,000	0.3855	4,260,253
		NPV	55,897,467

Perahu sandeq Mesrah

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(17,000,000)	1.0000	(17,000,000)
1	17,050,000	0.9091	15,500,000
2	17,050,000	0.8264	14,090,909
3	17,050,000	0.7513	12,809,917
4	17,050,000	0.6830	11,645,379
5	17,050,000	0.6209	10,586,709
6	17,050,000	0.5645	9,624,281
7	17,050,000	0.5132	8,749,346
8	17,050,000	0.4665	7,953,951
9	17,050,000	0.4241	7,230,864
10	17,050,000	0.3855	6,573,513
		NPV	87,764,869

Lampiran 4. Analisis Kelayakan Investasi Berdasar IRR

Perahu sandeq Sarina

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(15,000,000)	1.0000	(15,000,000)
1	24,536,720	0.9091	22,306,109
2	24,536,720	0.8264	20,278,281
3	24,536,720	0.7513	18,434,801
4	24,536,720	0.6830	16,758,910
5	24,536,720	0.6209	15,235,373
6	24,536,720	0.5645	13,850,339
7	24,536,720	0.5132	12,591,217
8	24,536,720	0.4665	11,446,561
9	24,536,720	0.4241	10,405,965
10	24,536,720	0.3855	9,459,968
		IRR	140%

- Perahu sandeq Asyifa

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(15,000,000)	1.0000	(15,000,000)
1	22,136,720	0.9091	20,124,291
2	22,136,720	0.8264	18,294,810
3	22,136,720	0.7513	16,631,645
4	22,136,720	0.6830	15,119,678
5	22,136,720	0.6209	13,745,161
6	22,136,720	0.5645	12,495,601
7	22,136,720	0.5132	11,359,638
8	22,136,720	0.4665	10,326,943
9	22,136,720	0.4241	9,388,130
10	22,136,720	0.3855	8,534,664
		IRR	125%

- Perahu sandeq Ayudi Aflah

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(10,000,000)	1.0000	(10,000,000)
1	13,736,720	0.9091	12,487,927
2	13,736,720	0.8264	11,352,661
3	13,736,720	0.7513	10,320,601
4	13,736,720	0.6830	9,382,365

5	13,736,720	0.6209	8,529,422
6	13,736,720	0.5645	7,754,020
7	13,736,720	0.5132	7,049,109
8	13,736,720	0.4665	6,408,281
9	13,736,720	0.4241	5,825,710
10	13,736,720	0.3855	5,296,100
		IRR	116%

- Perahu sandeq Rastia Sototo

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(10,000,000)	1.0000	(10,000,000)
1	17,186,720	0.9091	15,624,291
2	17,186,720	0.8264	14,203,901
3	17,186,720	0.7513	12,912,637
4	17,186,720	0.6830	11,738,761
5	17,186,720	0.6209	10,671,601
6	17,186,720	0.5645	9,701,455
7	17,186,720	0.5132	8,819,505
8	17,186,720	0.4665	8,017,732
9	17,186,720	0.4241	7,288,847
10	17,186,720	0.3855	6,626,225
		IRR	147%

- Perahu sandeq Putri Ninja

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(15,000,000)	1.0000	(15,000,000)
1	19,171,720	0.9091	17,428,836
2	19,171,720	0.8264	15,844,397
3	19,171,720	0.7513	14,403,997
4	19,171,720	0.6830	13,094,543
5	19,171,720	0.6209	11,904,130
6	19,171,720	0.5645	10,821,936
7	19,171,720	0.5132	9,838,124
8	19,171,720	0.4665	8,943,749
9	19,171,720	0.4241	8,130,681
10	19,171,720	0.3855	7,391,528
		IRR	107%

- Perahu sandeq Putri Kembar

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(10,000,000)	1.0000	(10,000,000)
1	15,786,720	0.9091	14,351,564
2	15,786,720	0.8264	13,046,876
3	15,786,720	0.7513	11,860,796
4	15,786,720	0.6830	10,782,542
5	15,786,720	0.6209	9,802,311
6	15,786,720	0.5645	8,911,192
7	15,786,720	0.5132	8,101,084
8	15,786,720	0.4665	7,364,621
9	15,786,720	0.4241	6,695,110
10	15,786,720	0.3855	6,086,464
		IRR	134%

- Perahu sandeq Cahaya Nurun

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(15,000,000)	1.0000	(15,000,000)
1	15,500,000	0.9091	14,090,909
2	15,500,000	0.8264	12,809,917
3	15,500,000	0.7513	11,645,379
4	15,500,000	0.6830	10,586,709
5	15,500,000	0.6209	9,624,281
6	15,500,000	0.5645	8,749,346
7	15,500,000	0.5132	7,953,951
8	15,500,000	0.4665	7,230,864
9	15,500,000	0.4241	6,573,513
10	15,500,000	0.3855	5,975,921
		IRR	85%

- Perahu sandeq Irma Indah

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(10,000,000)	1.0000	(10,000,000)
1	11,300,000	0.9091	10,272,727
2	11,300,000	0.8264	9,338,843
3	11,300,000	0.7513	8,489,857
4	11,300,000	0.6830	7,718,052
5	11,300,000	0.6209	7,016,411
6	11,300,000	0.5645	6,378,555
7	11,300,000	0.5132	5,798,687
8	11,300,000	0.4665	5,271,533
9	11,300,000	0.4241	4,792,303
10	11,300,000	0.3855	4,356,639
		IRR	94%

- Perahu sandeq Cahaya Hikmah

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(12,000,000)	1.0000	(12,000,000)
1	11,050,000	0.9091	10,045,455
2	11,050,000	0.8264	9,132,231
3	11,050,000	0.7513	8,302,029
4	11,050,000	0.6830	7,547,299
5	11,050,000	0.6209	6,861,181
6	11,050,000	0.5645	6,237,437
7	11,050,000	0.5132	5,670,397
8	11,050,000	0.4665	5,154,907
9	11,050,000	0.4241	4,686,279
10	11,050,000	0.3855	4,260,253
		IRR	74%

- Perahu sandeq Mesrah

Tahun ke-	Penghasilan Bersih per/tahun	df 10%	PV (Present Value)
0	(17,000,000)	1.0000	(17,000,000)
1	17,050,000	0.9091	15,500,000
2	17,050,000	0.8264	14,090,909
3	17,050,000	0.7513	12,809,917
4	17,050,000	0.6830	11,645,379
5	17,050,000	0.6209	10,586,709
6	17,050,000	0.5645	9,624,281
7	17,050,000	0.5132	8,749,346
8	17,050,000	0.4665	7,953,951
9	17,050,000	0.4241	7,230,864
10	17,050,000	0.3855	6,573,513
		IRR	82%

Lampiran 5. Sensitivitas Hasil Tangkapan

Sarina

Hasil tangkapan turun	Hasil tangkapan	Sarina	
		NPV	IRR
0%	24,536,720	135,767,523	140%
10%	22,083,048	120,690,770	125%
20%	19,629,376	105,614,018	110%
30%	17,175,704	90,537,266	95%
40%	14,722,032	75,460,514	80%
50%	12,268,360	60,383,761	65%

As- Syifa

Hasil tangkapan turun	Hasil tangkapan	As- Syifa	
		NPV	IRR
0%	22,136,720	121,020,562	125%
10%	19,923,048	107,418,505	112%
20%	17,709,376	93,816,449	98%
30%	15,495,704	80,214,393	85%
40%	13,282,032	66,612,337	71%
50%	11,068,360	53,010,281	58%

Ayudia Aflah

Hasil tangkapan turun	Hasil tangkapan	Ayudia Aflah	
		NPV	IRR
0%	13,736,720	74,406,198	116%
10%	12,363,048	41,831,734	86%
20%	10,989,376	36,072,652	75%
30%	9,615,704	30,313,571	63%
40%	8,242,032	24,554,489	52%
50%	6,868,360	18,795,408	40%

Sototo

Hasil tangkapan turun	Hasil tangkapan	Sototo	
		NPV	IRR
0%	17,186,720	95,604,954	147%
10%	15,468,048	54,849,359	112%
20%	13,749,376	47,643,875	98%
30%	12,030,704	40,438,391	84%
40%	10,312,032	33,232,906	69%
50%	8,593,360	26,027,422	55%

Putri Ninja

Hasil tangkapan turun	Hasil tangkapan	Putri Ninja	
		NPV	IRR
0%	19,171,720	102,801,920	107%
10%	17,254,548	57,339,211	79%
20%	15,337,376	49,301,521	68%
30%	13,420,204	41,263,831	58%
40%	11,503,032	33,226,141	47%
50%	9,585,860	25,188,450	36%

Putra Kembar

Hasil tangkapan turun	Hasil tangkapan	Putra Kembar	
		NPV	IRR
0%	15,786,720	87,002,560	134%
10%	14,208,048	49,566,845	102%
20%	12,629,376	42,948,306	89%
30%	11,050,704	36,329,768	75%
40%	9,472,032	29,711,230	62%
50%	7,893,360	23,092,691	49%

Cahaya Nurun

Hasil tangkapan turun	Hasil tangkapan	Cahaya Nurun	
		NPV	IRR
0%	15,500,000	80,240,790	85%
10%	13,950,000	43,484,986	61%
20%	12,400,000	36,986,654	52%
30%	10,850,000	30,488,322	43%

40%	9,300,000	23,989,990	35%
50%	7,750,000	17,491,659	26%

Irma Indah

Hasil tangkapan turun	Hasil tangkapan	Cahaya Nurun	
		NPV	IRR
0%	15,500,000	80,240,790	85%
10%	13,950,000	43,484,986	61%
20%	12,400,000	36,986,654	52%
30%	10,850,000	30,488,322	43%
40%	9,300,000	23,989,990	35%
50%	7,750,000	17,491,659	26%

Cahaya Hikmah

Hasil tangkapan turun	Hasil tangkapan	Cahaya Hikmah	
		NPV	IRR
0%	11,050,000	55,897,467	74%
10%	9,945,000	29,694,135	52%
20%	8,840,000	25,061,453	44%
30%	7,735,000	20,428,772	37%
40%	6,630,000	15,796,090	29%
50%	5,525,000	11,163,408	21%

Mesrah

Hasil tangkapan turun	Hasil tangkapan	Mesrah	
		NPV	IRR
0%	17,050,000	87,764,869	82%
10%	15,345,000	47,333,484	58%
20%	13,640,000	40,185,319	50%
30%	11,935,000	33,037,154	42%
40%	10,230,000	25,888,989	33%
50%	8,525,000	18,740,825	24%

Lampiran 6. Sensitivitas Jumlah Trip

Sarina

Jumlah trip turun	Jumlah trip	Sarina	
		NPV	IRR
0%	300	135,767,523	140%
10%	270	9,668,119	25%
13%	261	2,138,450	6%

15%	255	(789,714)	-2%
17%	249	(3,638,248)	-10%
20%	240	(7,620,597)	-22%

As- Syifa

Jumlah trip turun	Jumlah trip	As- Syifa	
		NPV	IRR
0%	300	121,020,562	125%
10%	270	65,719,458	70%
15%	255	38,068,906	43%
17%	249	27,008,685	31%
20%	240	10,418,354	13%
21%	237	4,888,243	6%

Ayudia Aflah

Jumlah trip turun	Jumlah trip	Ayudia Aflah	
		NPV	IRR
0%	250	13,736,720	116%
10%	225	24,532,219	52%
13%	218	17,614,640	38%
17%	208	8,391,201	19%
20%	200	1,473,622	4%
22%	195	(3,138,097)	-8%

Sototo

Jumlah trip turun	Jumlah trip	Sototo	
		NPV	IRR
0%	250	17,186,720	147%
10%	225	30,611,303	64%
13%	218	21,178,241	45%
17%	208	8,600,825	19%
20%	200	(832,237)	-2%
22%	195	(7,120,946)	-22%

Putri Ninja

Jumlah trip turun	Jumlah trip	Putri Ninja	
		NPV	IRR
0%	270	19,171,720	107%
10%	243	33,681,812	48%

13%	235	24,173,285	35%
17%	224	11,495,250	17%
20%	216	1,986,723	3%
22%	211	(4,352,295)	-8%

Putra Kembar

Jumlah trip turun	Jumlah trip	Putra Kembar	
		NPV	IRR
0%	300	15,786,720	134%
10%	270	25,999,584	55%
13%	261	16,943,844	37%
17%	249	4,869,525	11%
20%	240	(4,186,215)	-9%
22%	234	(10,223,375)	-28%

Cahaya Nurun

Jumlah trip turun	Jumlah trip	Cahaya Nurun	
		NPV	IRR
0%	200	15,500,000	85%
10%	180	29,859,451	42%
13%	174	23,822,292	34%
17%	166	15,772,745	23%
20%	160	9,735,585	15%
22%	156	5,710,812	9%

Irma Indah

Jumlah trip turun	Jumlah trip	Irma Indah	
		NPV	IRR
0%	200	11,300,000	94%
10%	180	20,605,046	44%
13%	174	15,574,080	34%
17%	166	8,866,124	20%
20%	160	3,835,158	9%
22%	156	481,180	1%

Cahaya Hikmah

Jumlah trip turun	Jumlah trip	Cahaya Hikmah	
		NPV	IRR
0%	200	11,050,000	74%
10%	180	17,556,928	32%
13%	174	12,525,962	23%

17%	166	5,818,006	11%
20%	160	787,040	2%
22%	156	(2,566,938)	-5%

Mesrah

Jumlah trip turun	Jumlah trip	Mesrah	
		NPV	IRR
0%	200	17,050,000	82%
10%	180	31,003,805	39%
13%	174	23,960,452	31%
17%	166	14,569,315	19%
20%	160	7,525,962	10%
22%	156	2,830,393	4%

Lampiran 7. Dokumentasi





