

付録 4.1.5 -1

計画位置図（航路標識）

1-A Summary Table for Planned AtoN

1 DISNAV Sabang

No	Area	Planned AtoN						Reference (Purpose)
		No	Name	Location		Type		
				Latitude	Longitude			
1	Pulau Siumat	1	Mensu Pulau Siumat Sinabang	02°38' 44.43" N	096°23' 46.82" E	Lighthouse	Long-range Light	
2	Aceh	1	Mensu Peusangan Bireun	05°16' 25.16" N	096°51' 6.29" E	Lighthouse	Long-range Light	
		2	Ramsu Ujung Raja Sigli	05°14' 15.68" N	096°27' 55.20" E	Lighted Beacon	Middle-range Light	
		3	Ramsu Merdu Sigli	05°15' 43.10" N	096°15' 33.09" E	Lighted Beacon	Middle-range Light	

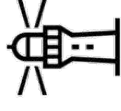
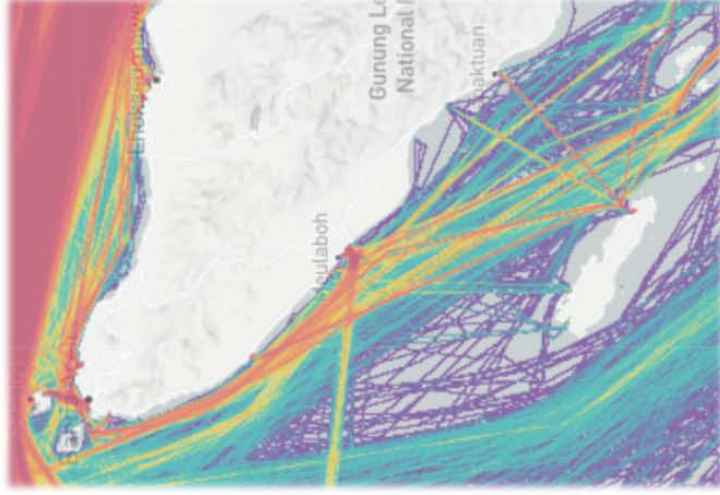
1-B Outline Map of Planned AtoN

1 Sabang (II)

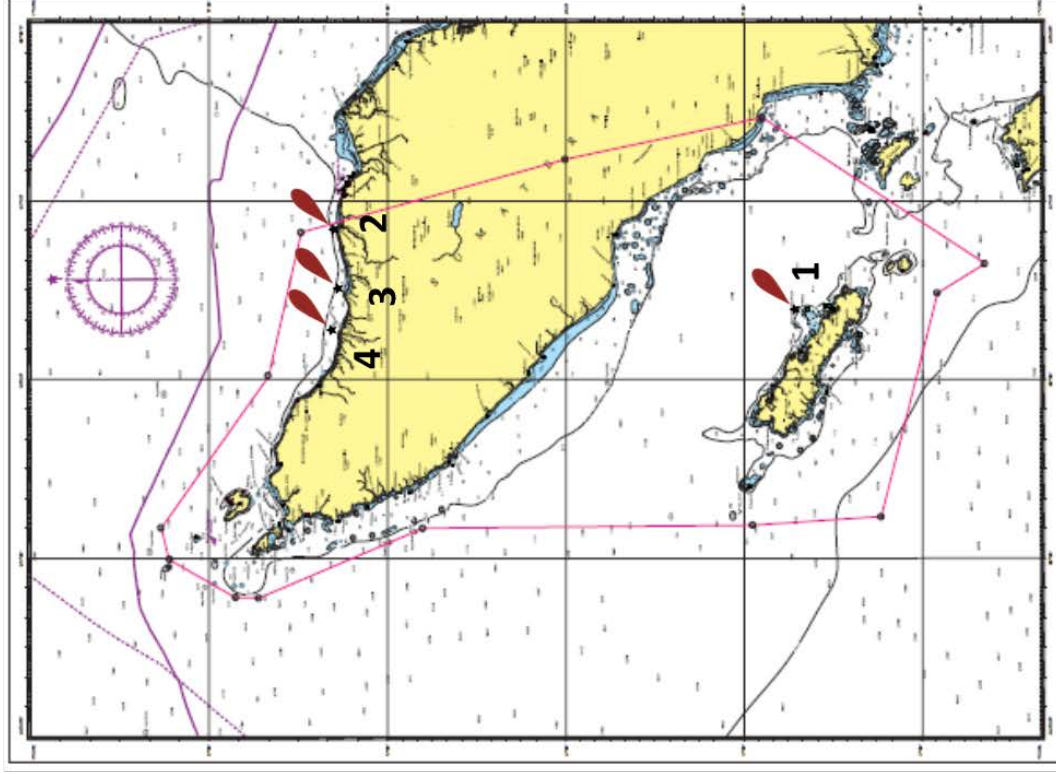
Planned AtoN

Pulau Siumat

- 1 Mensu Pulau Siumat Sinabang (**L**)
- Ache
- 2 Mensu Peusangan Bireun (**L**)
- 3 Ramsu Ujung Raja Sigli (**LB**)
- 4 Ramsu Merdu Sigli (**LB**)



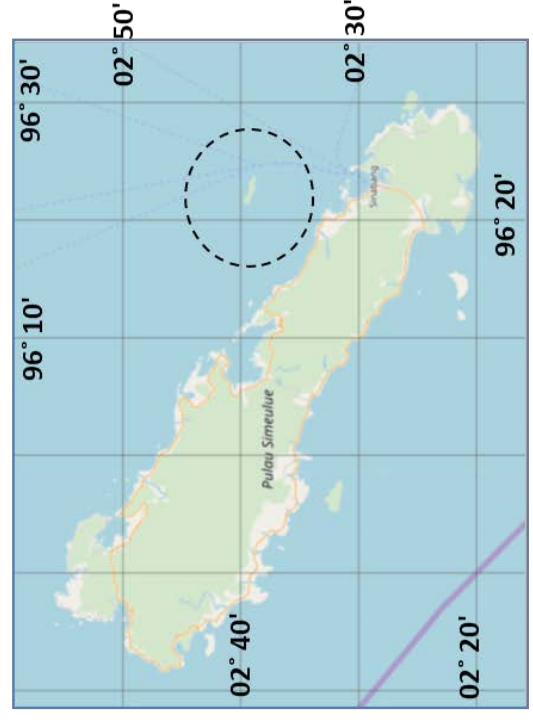
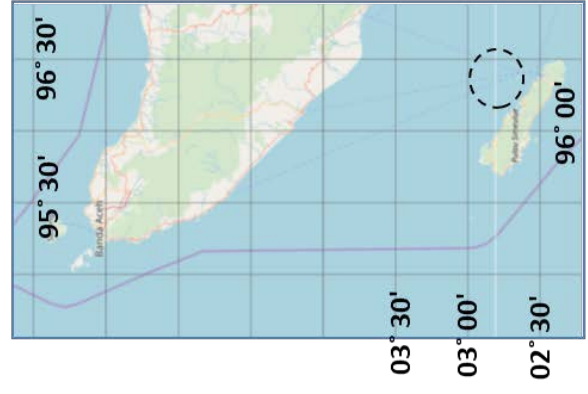
Location Map



Planned AtoN

1 Mensu Pulau Siumat Sinabang (Lighthouse)

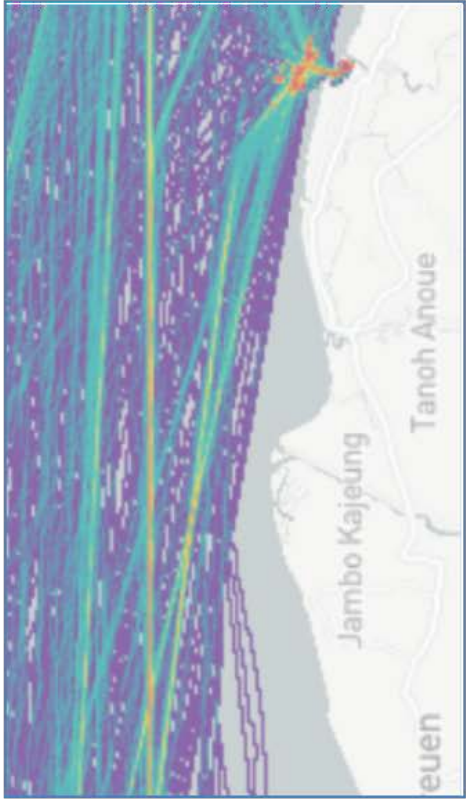
(02° 38' 44.43" N 96° 23' 46.82" E)



Planned AtoN

2 Mensu Peusangan Bireun (Lighthouse)

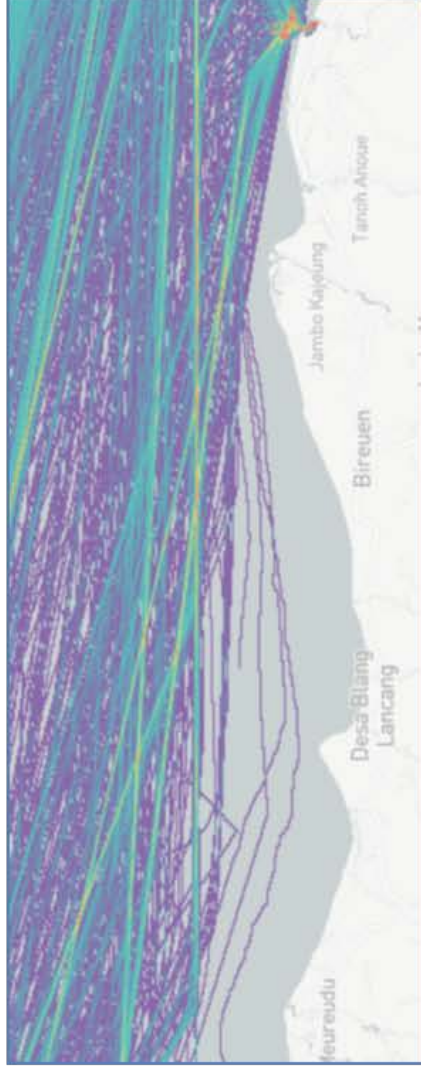
(05° 16' 25.16" N 096° 51' 6.29" E)



Planned AtoN

3 Ramsu Ujung Raja Sigli (Lighted Beacon)

(05° 14' 15.68" N 096° 27' 55.20" E)



Planned Aton

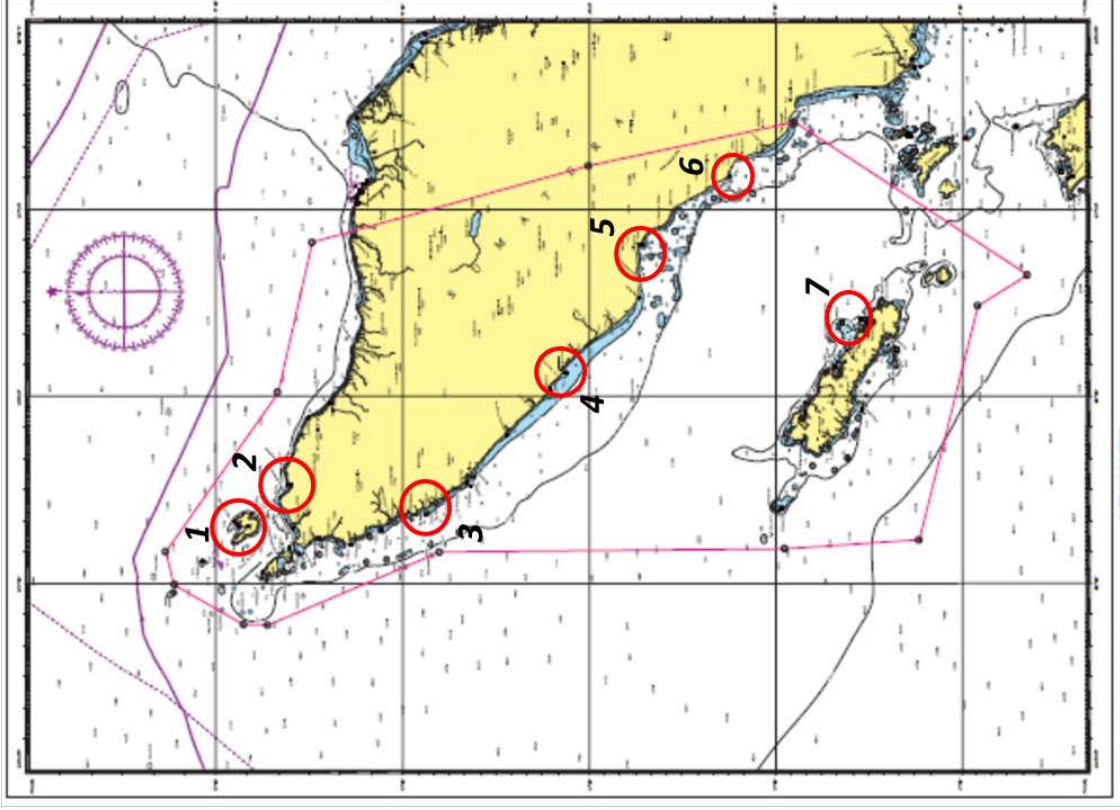
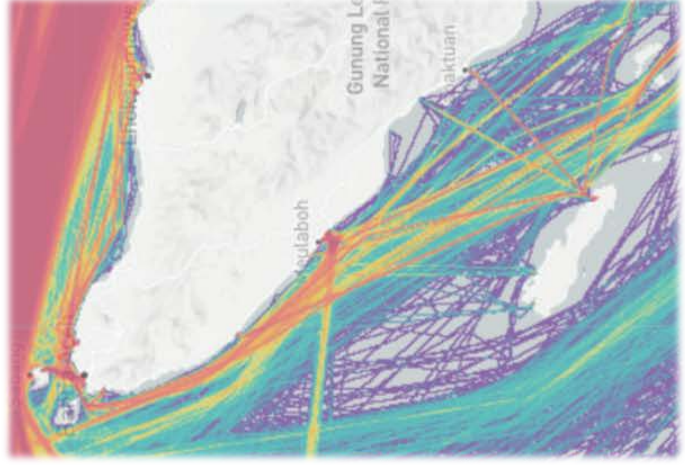
4 Ramsu Merdu Sigli (Lighted Beacon)
(05° 15' 43.10" N 096° 15' 33.09" E)



1-B Existing Ship Routing

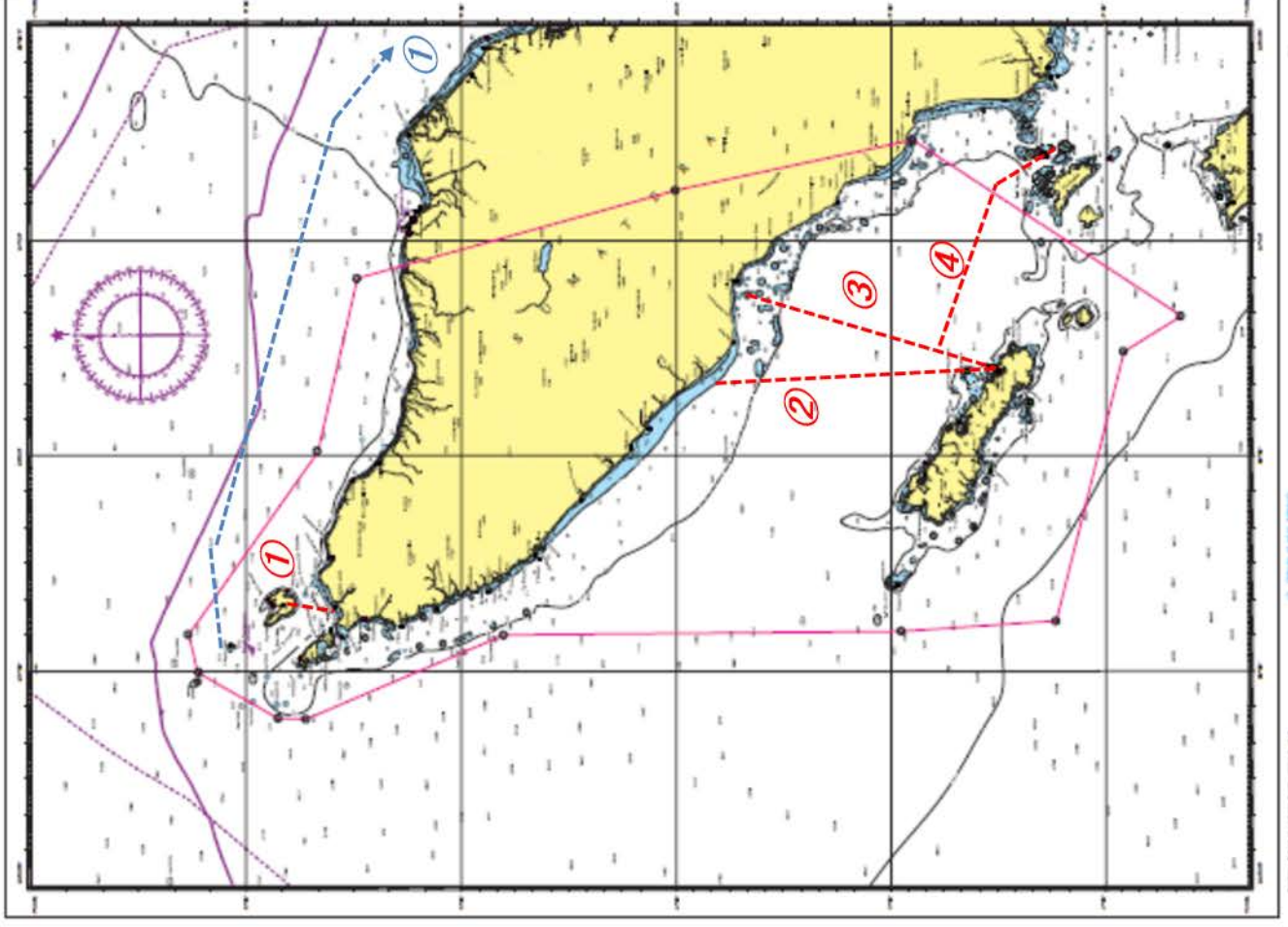
Existing Ship Routing (Public Port)

- 1 Pelabuhan Sabang
- 2 Pelabuhan Malahayati
- 3 Pelabuhan Calang
- 4 Pelabuhan Meulaboh
- 5 Pelabuhan Susoh
- 6 Pelabuhan Tapaktuan
- 7 Pelabuhan Sinabang



Existing Ship Routing (Ferry Route)

- ① Balohan -- Ule Lheue
- ② Lhok Bubon -- Sinabang
- ③ Labuhan Haji -- Sinabang
- ④ Pulau Baleh -- Sinagang

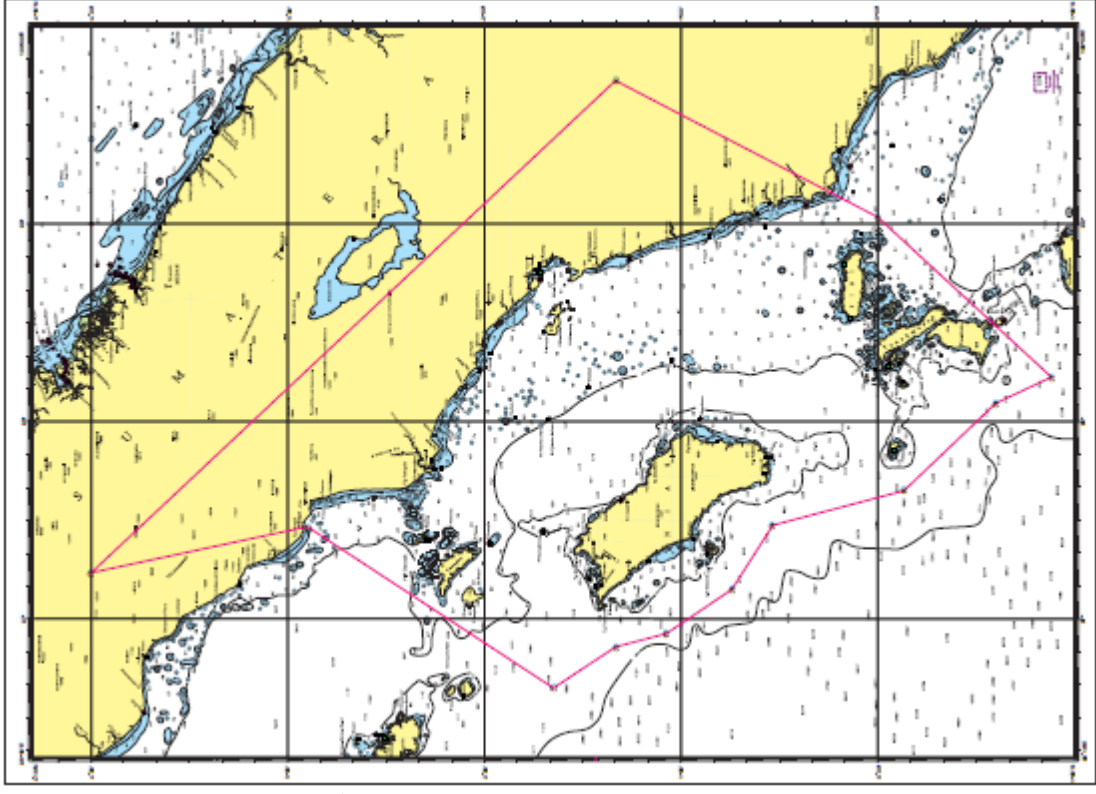
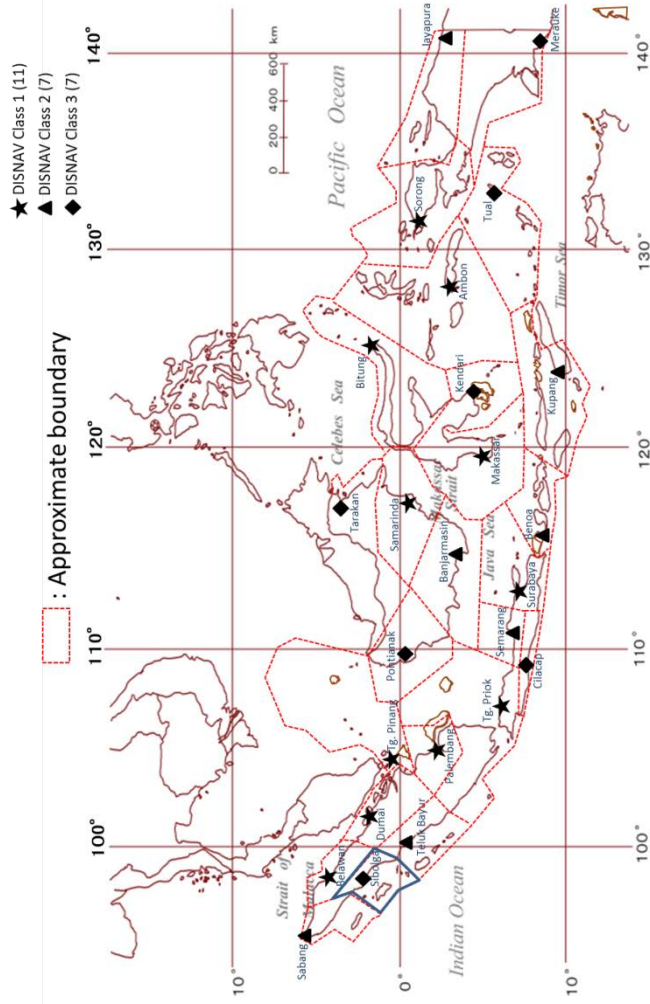


Existing Ship Routing (International Route)

- ① Pulau Rondo -- One Fhatom Bank

3 DISNAV Sibolga

Outline of DISNAV Service Area



1-A Summary Table for Existing AtoN

3 DISNAV Sibolga



KEMENTERIAN PERHUBUNGAN
DIREKTORAT JENDERAL PERHUBUNGAN LAUT
DISTRIBUKSI NAVIGASI KELAS III SIBOLGA

DAFTAR : LAPORAN KEADAAN SARANA BANTU NAVIGASI PELAYARAN
DISTRIBUKSI NAVIGASI KELAS III SIBOLGA

Jl. Gatot Subroto Ujung | Telp. 0631- 3270020 | Telegram
Pondok Batu Tap- Tengah | navigasi_sibolga@yahoo.co.id | Faks. 0631-22197

NO.	LOKASI	DSI	POSISI	KETERANGAN
1	2	3	4	5
I.	MENARA SUAR:			
01.	Pulau Tamang	2690	00-21-55 U ; 099-05-26.0 T	Racon Code Morse "G" Signal Range 16 NM Dijaga 1 (satu) Orang TMS dan 1 (Satu) Orang PMS, dan 2 Orang Honoror Keadaan Lampu Menyala Baik.
02.	Ujung Karang	2710	01-42-56 U ; 098-43-23.0 T	Racon Code Morse "K" Signal Range 16 NM Dijaga 1 (satu) Orang TMS dan 1 (Satu) Orang PMS, dan 2 Orang Honoror Keadaan Lampu Menyala Baik.
03.	Pulau Ilir	2715	01-15-55 U ; 098-49-09.0 T	Dijaga 1 (satu) Orang TMS, 1 (Satu) Orang PMS 2 Orang Honoror Keadaan Lampu Menyala Baik.
04.	Pulau Sarang Aloe	2765	01-58-40 U ; 097-23-00.0 T	Dijaga 1 (satu) Orang TMS, 1 (Satu) Orang PMS 1 Orang Honoror Keadaan Lampu Menyala Baik.
05.	Pulau Sigata	2790	00-07-30 U ; 098-12-00.0 T	Dijaga 1 (satu) Orang TMS, 1 (Satu) Orang PMS dan 2 Orang Honoror Keadaan Lampu Menyala Baik.
06.	Pulau Wunga	2806	01-12-41 U ; 097-04-48.0 T	Dijaga 1 (satu) Orang TMS 1 (Satu) Orang PMS dan 2 Orang Honoror Keadaan Lampu Menyala Baik (Pulau Terluar)
07.	Pulau Hinako	2810	00-52-00 U ; 097-20-00.0 T	Dijaga 1 (satu) Orang TMS dan 1 (Satu) Orang PMS dan 2 Orang Honoror Keadaan Lampu Menyala Baik.
08.	Gunung Sitoli	2830	01-18-10 U ; 097-36-00.0 T	Racon Code Morse "M" Signal Range 16 NM Dijaga 1 (satu) Orang TMS, 1 (Satu) Orang PMS dan 2 Orang Honoror
09.	Pulau Simuk	2775	00-05-12 U ; 097-51-23.0 T	Dijaga 1 (satu) Orang TMS, 1 (Satu) Orang PMS dan 2 Orang Honoror Keadaan Lampu Menyala Baik. (Pulau Terluar)

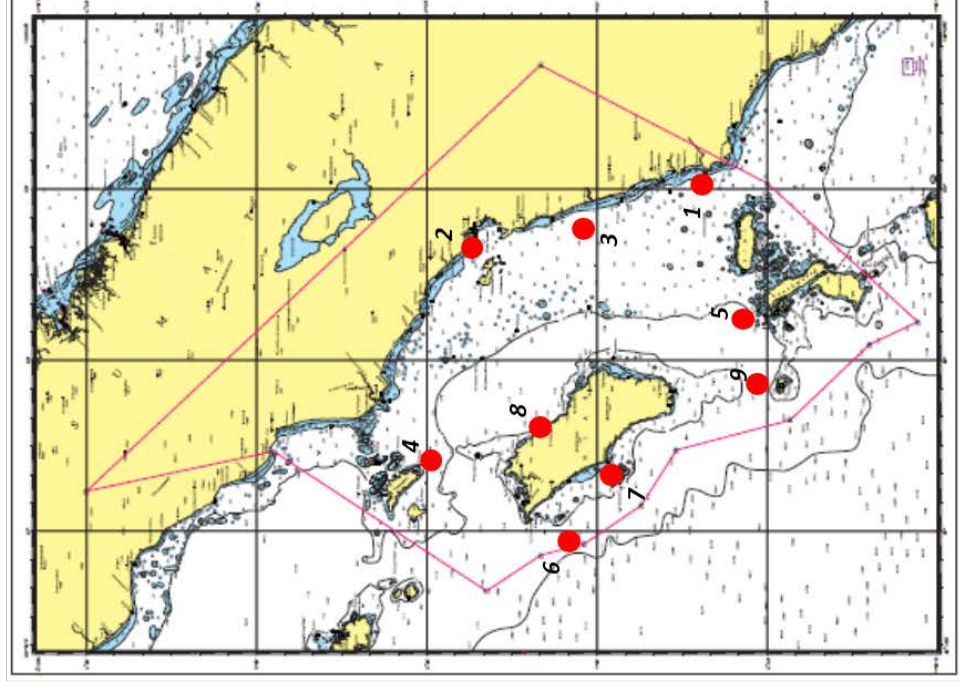
1-B Outline Map of Existing AtoN (Lighthouse)

Nominated Area for Establishment Plan of AtoN, VTS

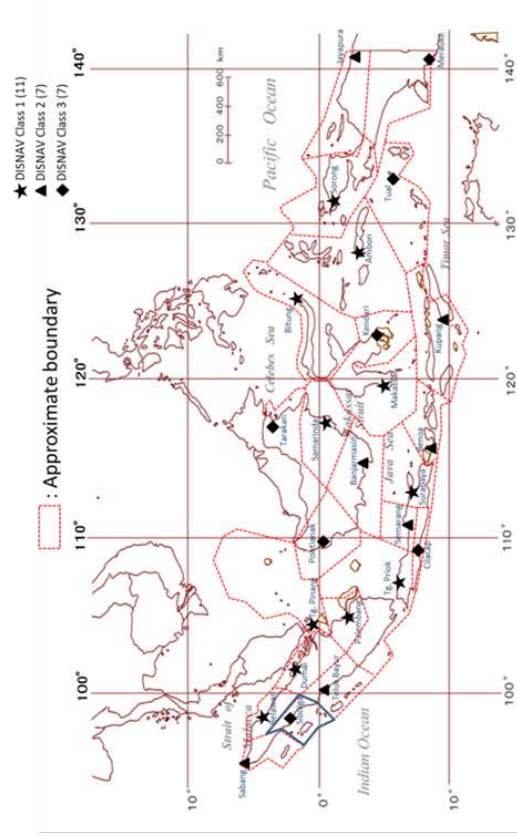
3 DISNAV Sibolga

- 1 Pulau Tamang
- 2 Ujung Karang
- 3 Pulau Ilir
- 4 Pulau Sarang Aloe
- 5 Pulau Sigata
- 6 Pulau Wunga
- 7 Pulau Hinako
- 8 Gunung Sitoli
- 9 Pulau Simuk

Existing AtoN (Lighthouse)



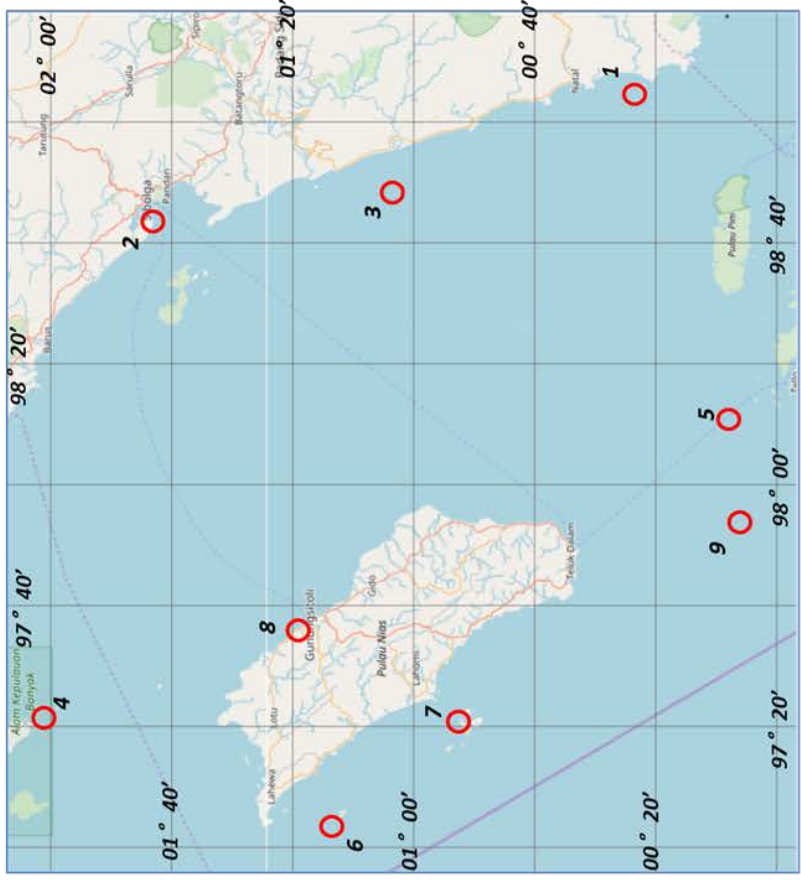
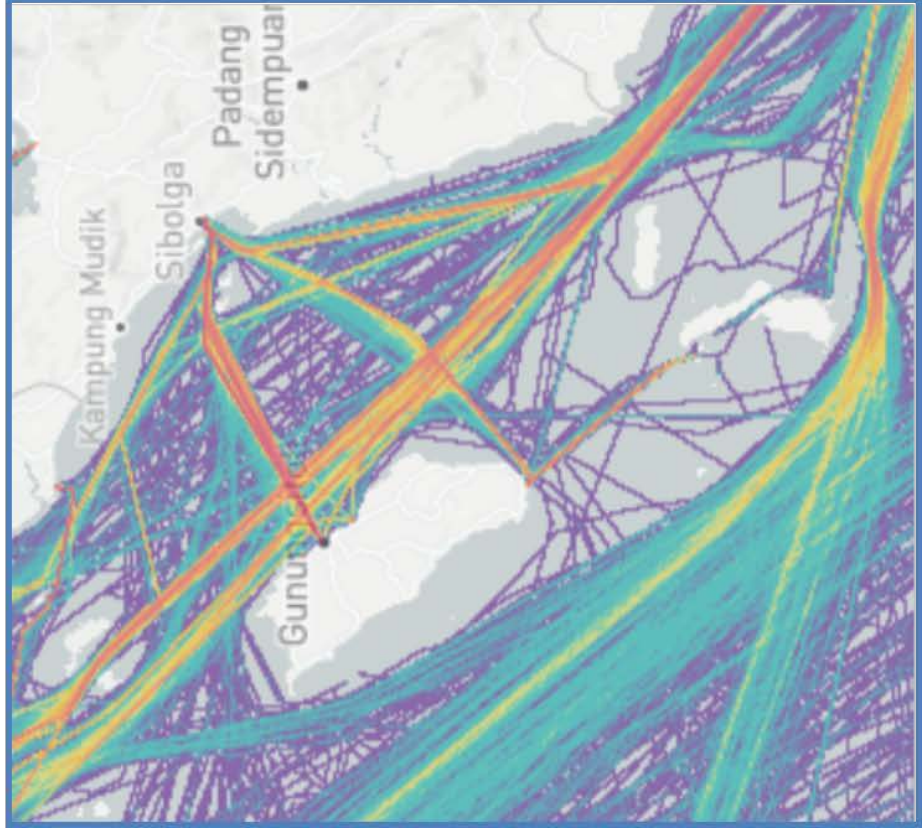
Outline of DISNAV Service Area



3 Sibolga

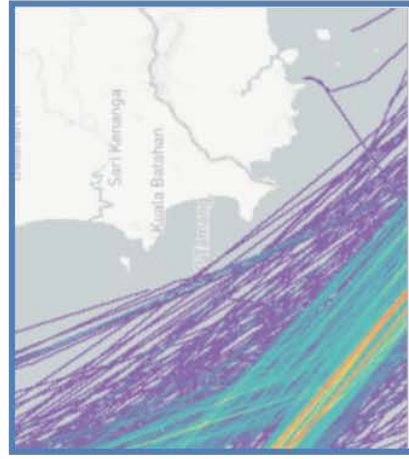
- 1 Pulau Tamang
- 2 Ujung Karang
- 3 Pulau Ilir
- 4 Pulau Sarang Aloe
- 5 Pulau Sigata
- 6 Pulau Wunga
- 7 Pulau Hinako
- 8 Gunung Sitoli
- 9 Pulau Simuk

Existing Aton (Lighthouse)



1 Pulau Tamang

($00^{\circ} 21' 55''$ N $99^{\circ} 05' 26.0''$ E)



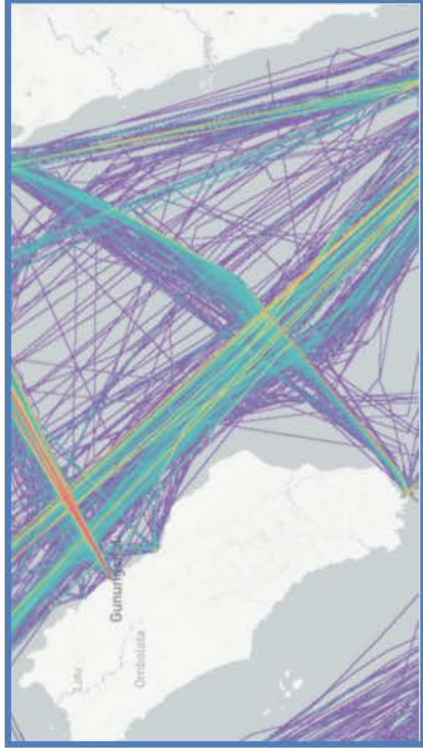
2 Ujung Karang

($01^{\circ} 42' 56''$ N $98^{\circ} 43' 23.0''$ E)



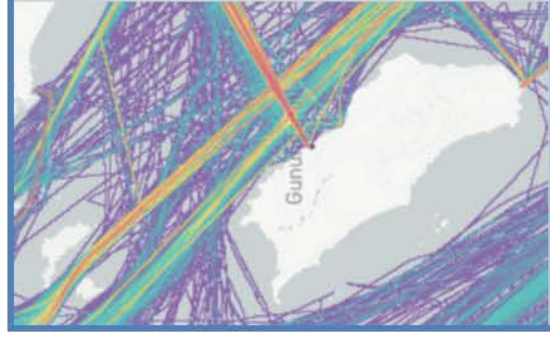
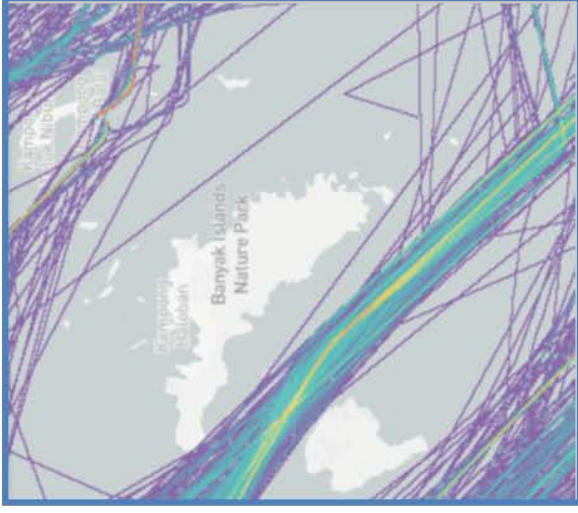
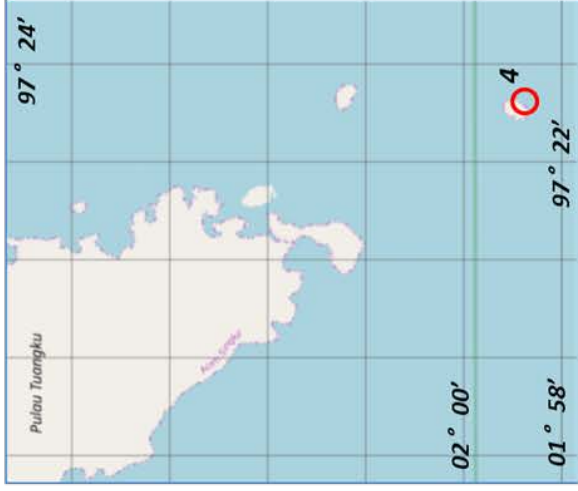
3 Pulau Ilir

(01° 05' 55" N 98° 49' 09.0" E)



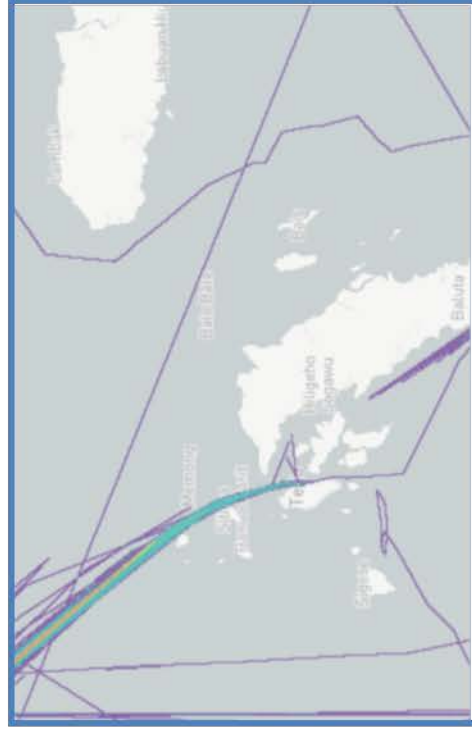
4 Pulau Sarang Aloe

(01° 58' 40" N 97° 23' 00" E)



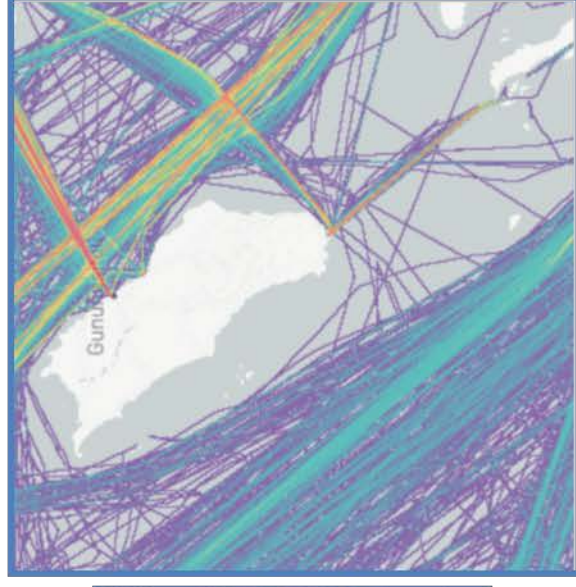
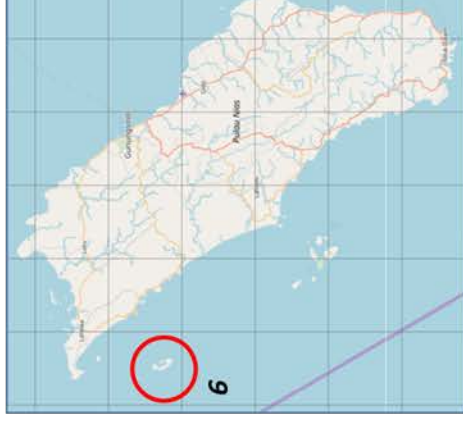
5 Pulau Sigata

($00^{\circ} 07' 30''$ N $98^{\circ} 12' 00''$ E)



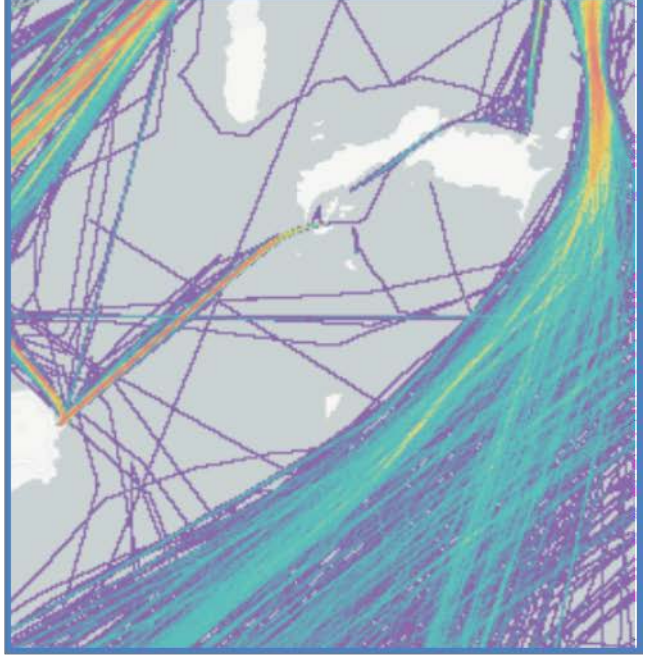
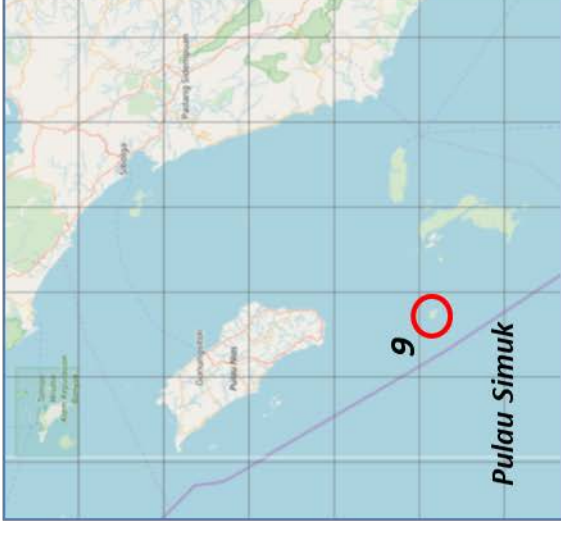
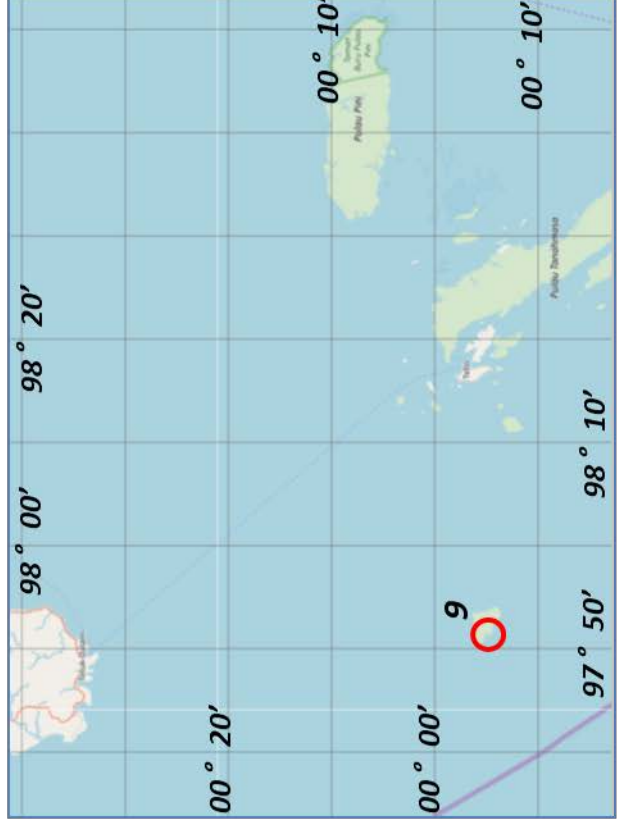
6 Pulau Wunga

($01^{\circ} 12' 41''$ N $97^{\circ} 04' 48.0''$ E)



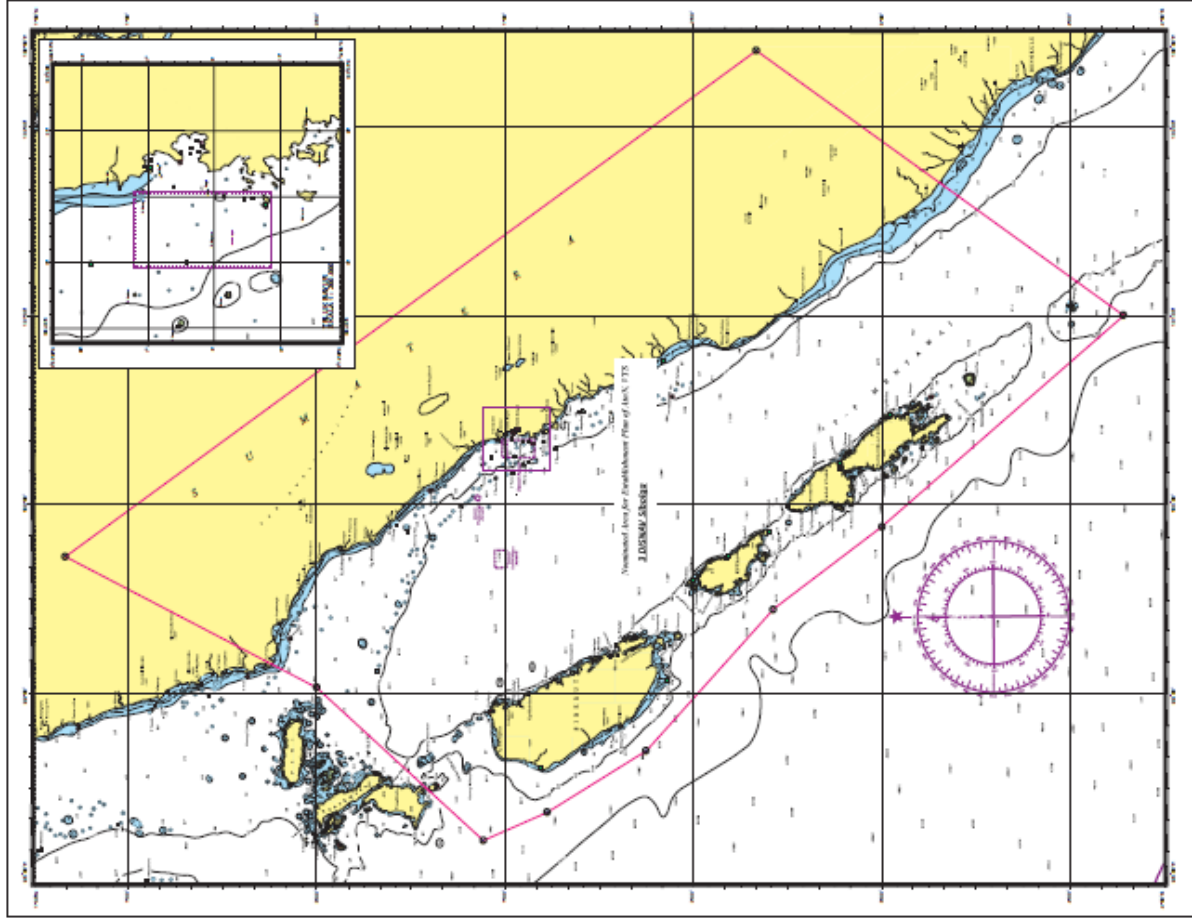
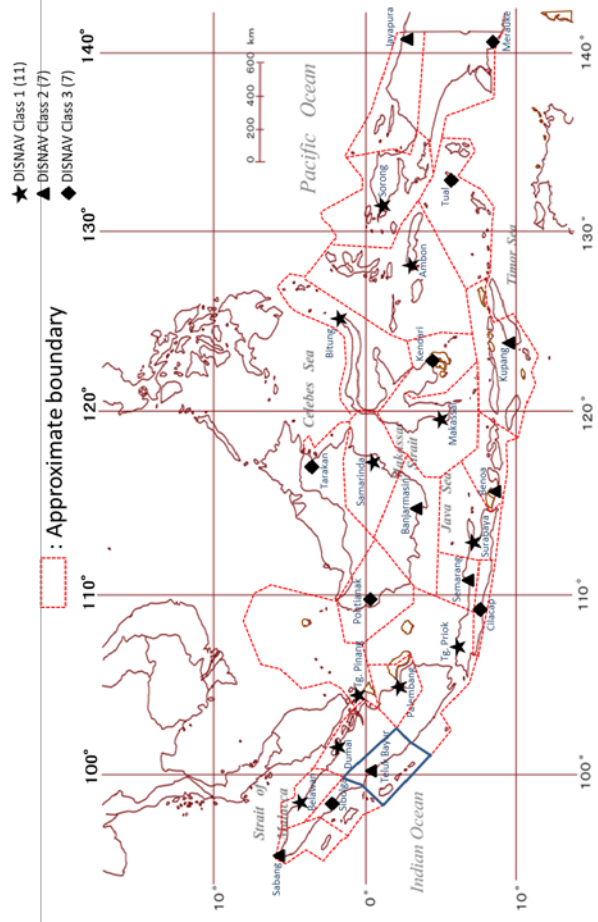
9 Pulau Simuk

(00° 05' 12" N 97° 51' 23" E)



4 DISNAV Teluk Bayur

Outline of DISNAV Service Area



1-A Summary Table for Planned AtoN

4 DISNAV Teluk Bayur

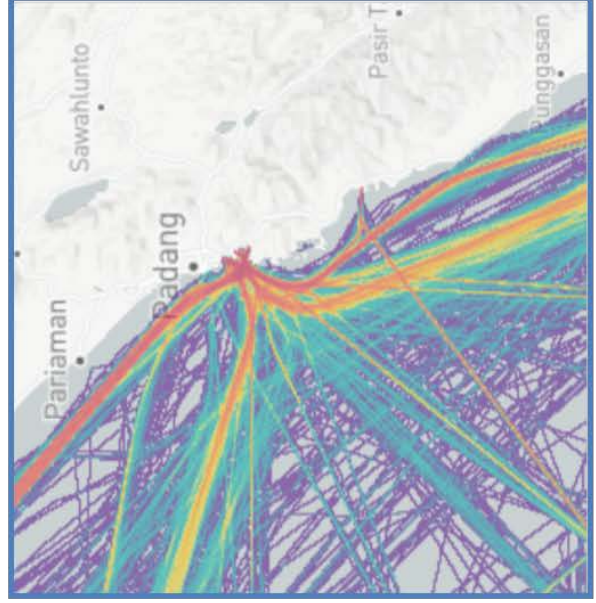
No	Area	Planned AtoN					Reference (Purpose)
		No	Name	Location		Type	
				Latitude	Longitude		
1	Pariaman	1	Rs. Ma. Karsik Pariaman	-----	-----	Lighted Beacon	Middle-range Light
2	Kamgang	1	Rs. Ma. Kambang Hijau I	-----	-----	Lighted Beacon	Middle-range Light
		2	Rs. Ma. Kambang Merah II	-----	-----	Lighted Beacon	Middle-range Light

1-B Outline Map of Planned AtoN

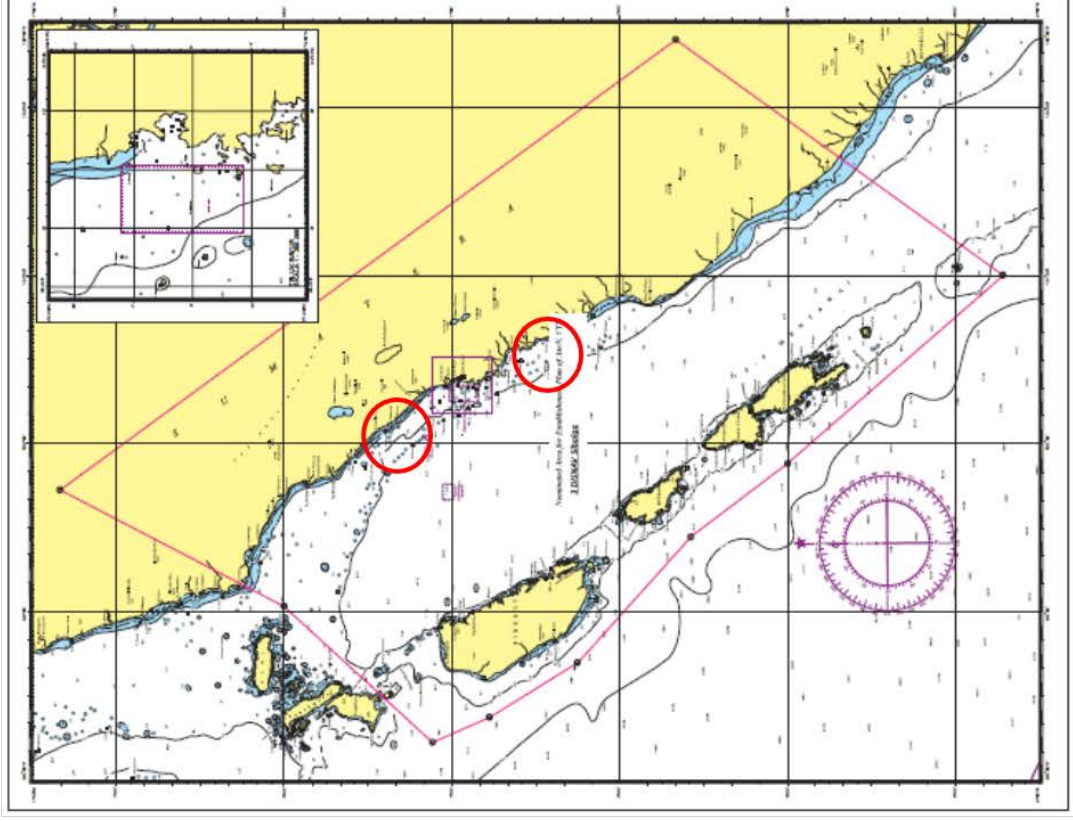
4 Teluk Bayur (I)

Planned AtoN

- 1 Rs. Ma. Karsik Pariaman (Lighted Beacon -- White)
- 2 Rs. Ma. Kambang Hijau I (Lighted Beacon -- Green)
- 3 Rs. Ma. Kambang Merah II (Lighted Beacon -- Red)



Planned AtoN



4 Teluk Bayur (I)

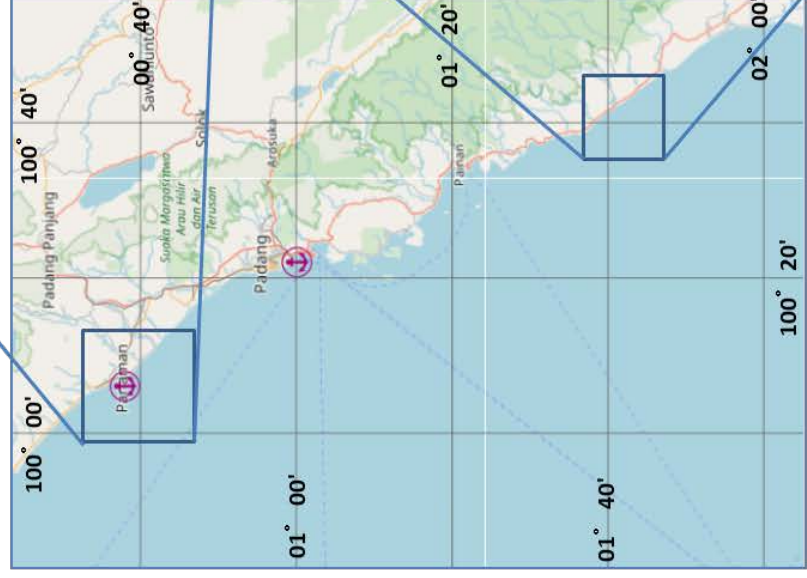
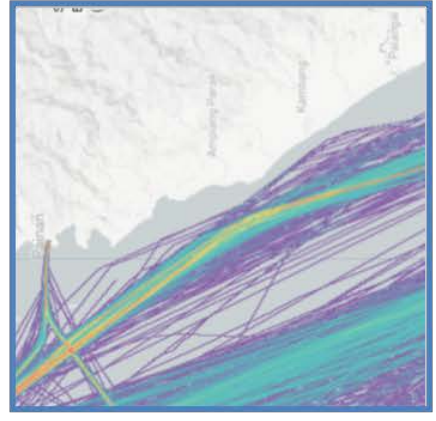
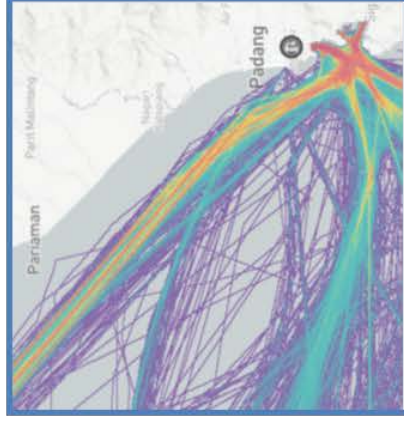
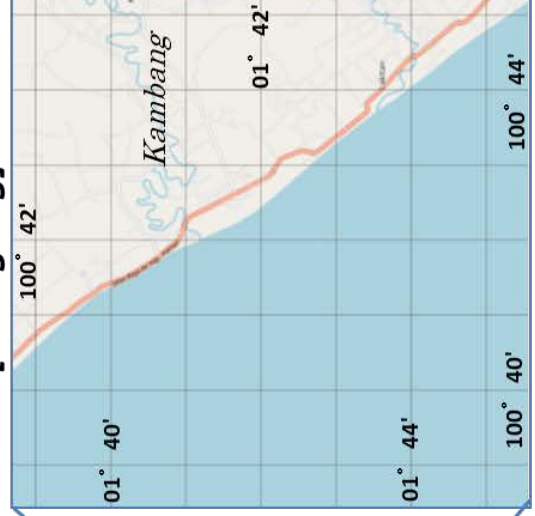
Planned Aton

- 1 Rs. Ma. Karsik Pariaman (Lighted Beacon)
- 2 Rs. Ma. Kambang Hijau I (Lighted Beacon)
- 3 Rs. Ma. Kambang Merah II (Lighted Beacon)

[Pariaman]



[Kambang]



Sheet ③ Reporting Format for List of Planned AtoN
Lembar ③ (Format Pelaporan Daftar AtoN yang direncanakan)

Name of Sea Area / Port : Fill Out (Diisi)

District : **Teluk Bayur (4)**

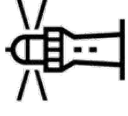
Chart No (Name) : Fill Out (Diisi)

Reference Number (Nomor Referensi)	Location (Fill out) / Lokasi (Diisi)		Aid (Type dan Spesifikasi Alat Bantu)		Category (Kategori)		Type of Marks (Tipe dari Tanda)						Remarks/Catatan
	Name of AtoN (Nama AtoN)	Position (Posisi) Longitude Latitude	Type (*1)	Specification (*2)	Sea Area (*3) (Area Laut) (Perairan Perairan)	Significance (*4) (Signifikansi) (Kategori 1 (Tipe))	Lateral (*5)	Cardinal (*6)	Special (*7)	Light Color (*8) (Warna lampu)	Category (*9)	Top Marks Shape (*10)	
1	Rs. Ma. Karisik Pariaman	- - -	Lighted Beacon	Medium-range Light	Coastal waters (Perairan Pantai)	Category 1 (Tipe)	Starboard	Not Applicable (nil) (Tidak Berlaku)	Safe Water Mark/Tanda Perairan Aman	White (Putih)	4 SAFE WATER MARKS	6 Not Applicable (nil) / Tidak berlaku	D rencanakan Jangka Menengah
2	Rs. Ma. Karibau Haju	- - -	Lighted Beacon	Medium-range Light	Harbour/Port (Restricted area) (Demarag/Pelebaran) (area terbatas)	Category 1 (Tipe)	Port (Kebalikan)	Not Applicable (nil) (Tidak Berlaku)	Safe Water Mark/Tanda Perairan Aman	Green (Hijau)	4 SAFE WATER MARKS	6 Not Applicable (nil) / Tidak berlaku	D rencanakan Jangka Menengah
3	Rs. Ma. Karimbang Merah II	- - -	Lighted Beacon	Medium-range Light	Harbour/Port (Restricted area) (Demarag/Pelebaran) (area terbatas)	Category 1 (Tipe)	Port (Kebalikan)	Not Applicable (nil) (Tidak Berlaku)	Safe Water Mark/Tanda Perairan Aman	Red (Merah)	4 SAFE WATER MARKS	6 Not Applicable (nil) / Tidak berlaku	D rencanakan Jangka Menengah

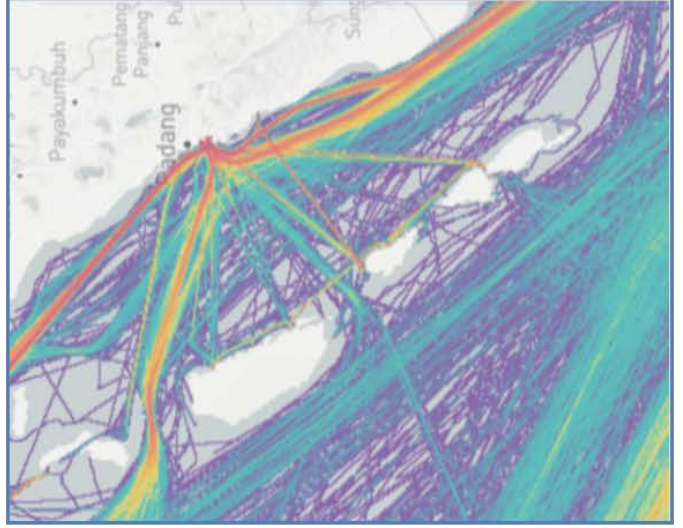
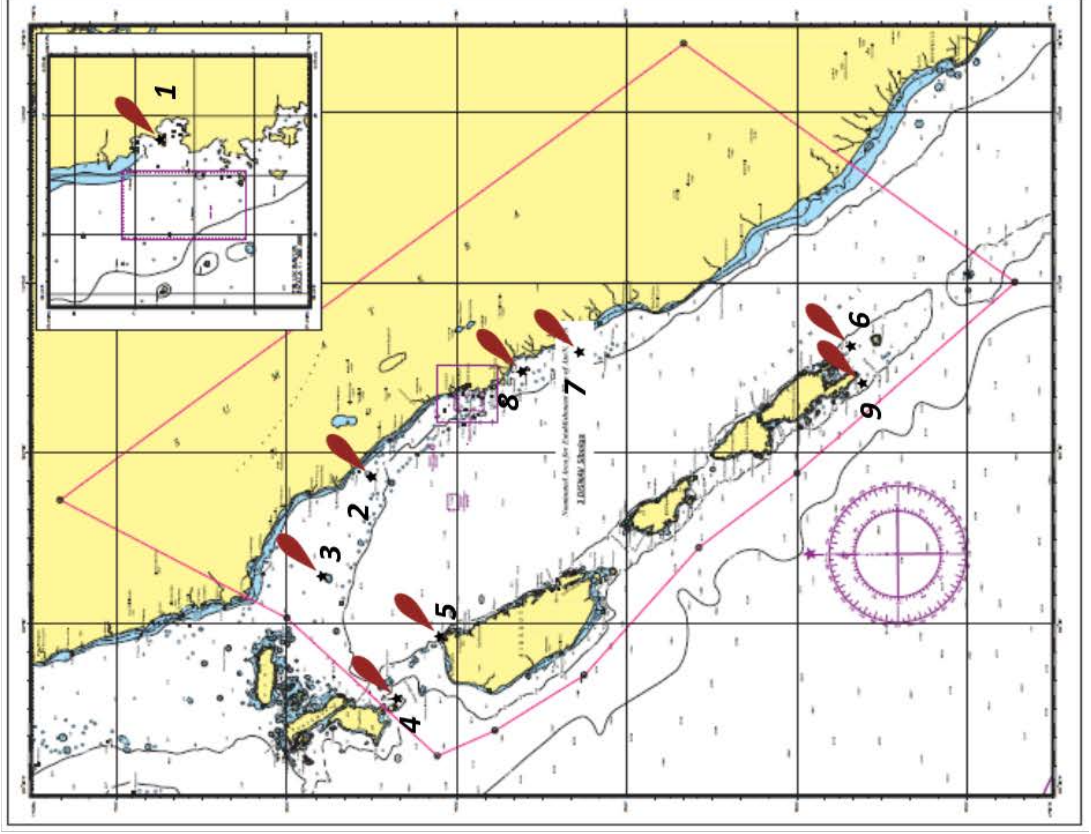
1-B Existing AtoN

Existing AtoN (Lighthouse)

- 1 OS. Beramas
- 2 Karsik
- 3 Pangkal
- 4 Bojo
- 5 Tg. Sigep
- 6 Simonga
- 7 Katang Katang
- 8 Keraba Kecil
- 9 Sibaru Baru

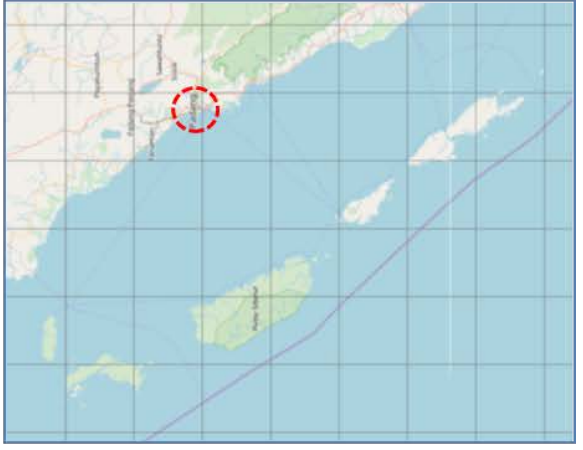
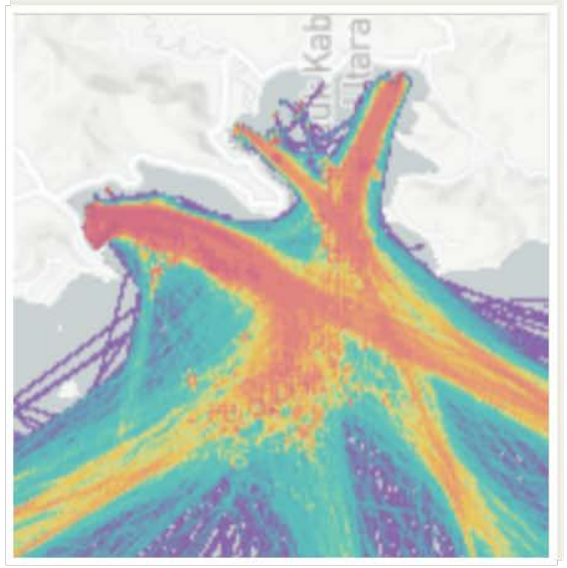


Location Map (Lighthouse)



1 OS. Beramas

(1° 02'24.0"S 100° 22'32.0"E)



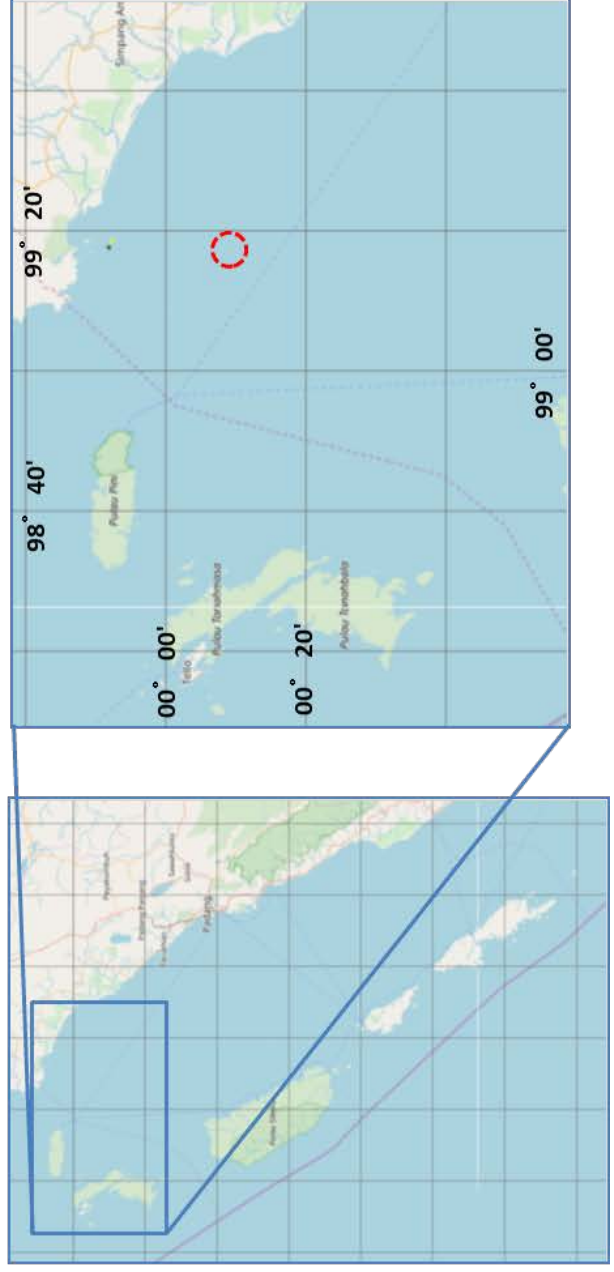
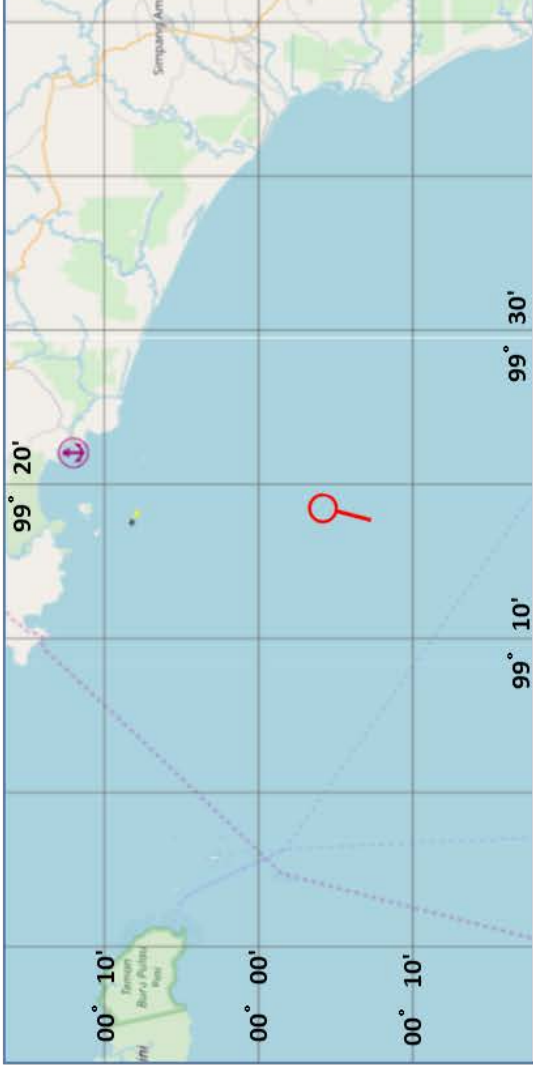
2 Karsik

($0^{\circ} 35'47.4''S$ $100^{\circ} 04'29.6''E$)



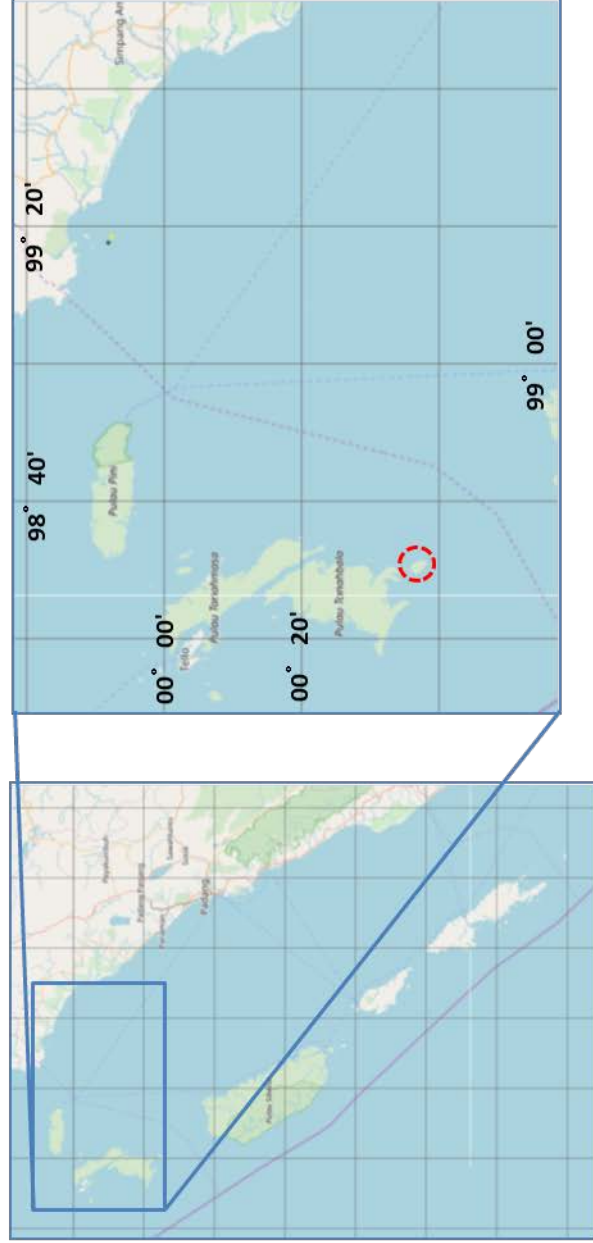
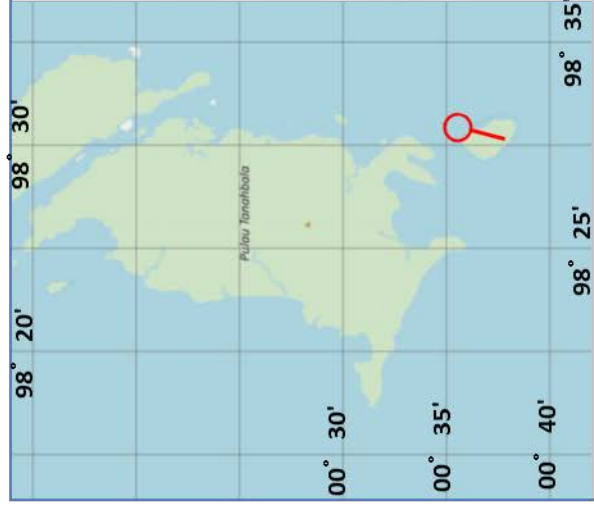
3 Pangkal

(0° 08'18.9"S 99° 17'38.9"E)

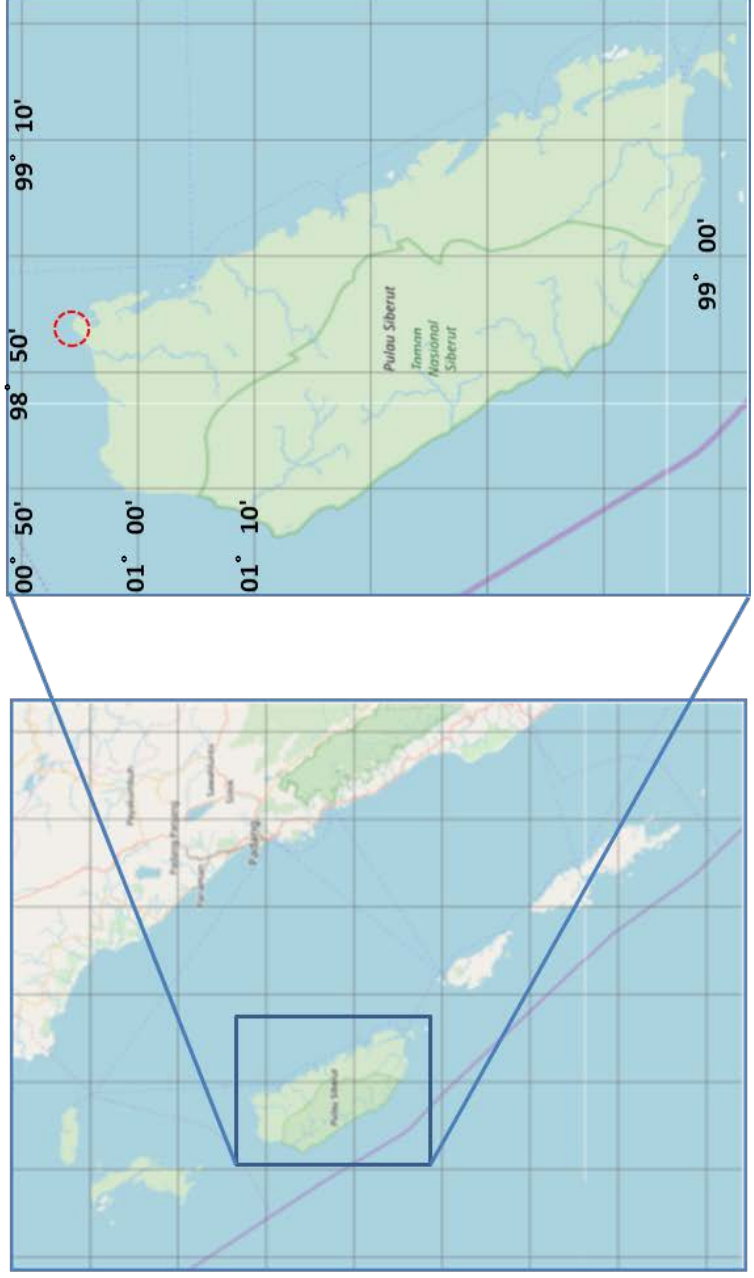


4 Bojo

(0° 38'10.9"S 98° 30'54.8"E)

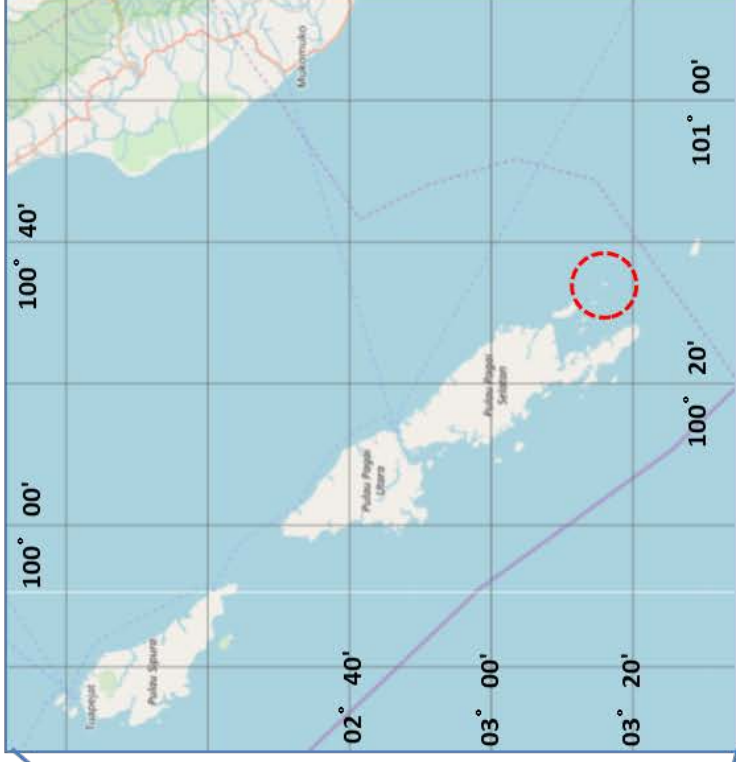
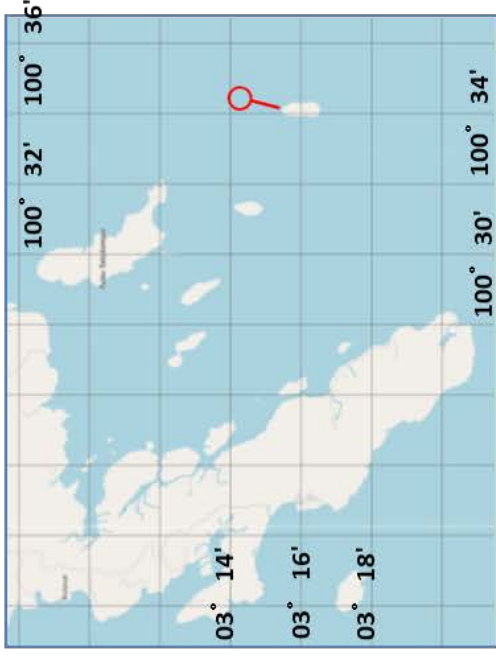


5 Tg. Sigep
(0° 54'53.0"S 98° 54'12.0"E)



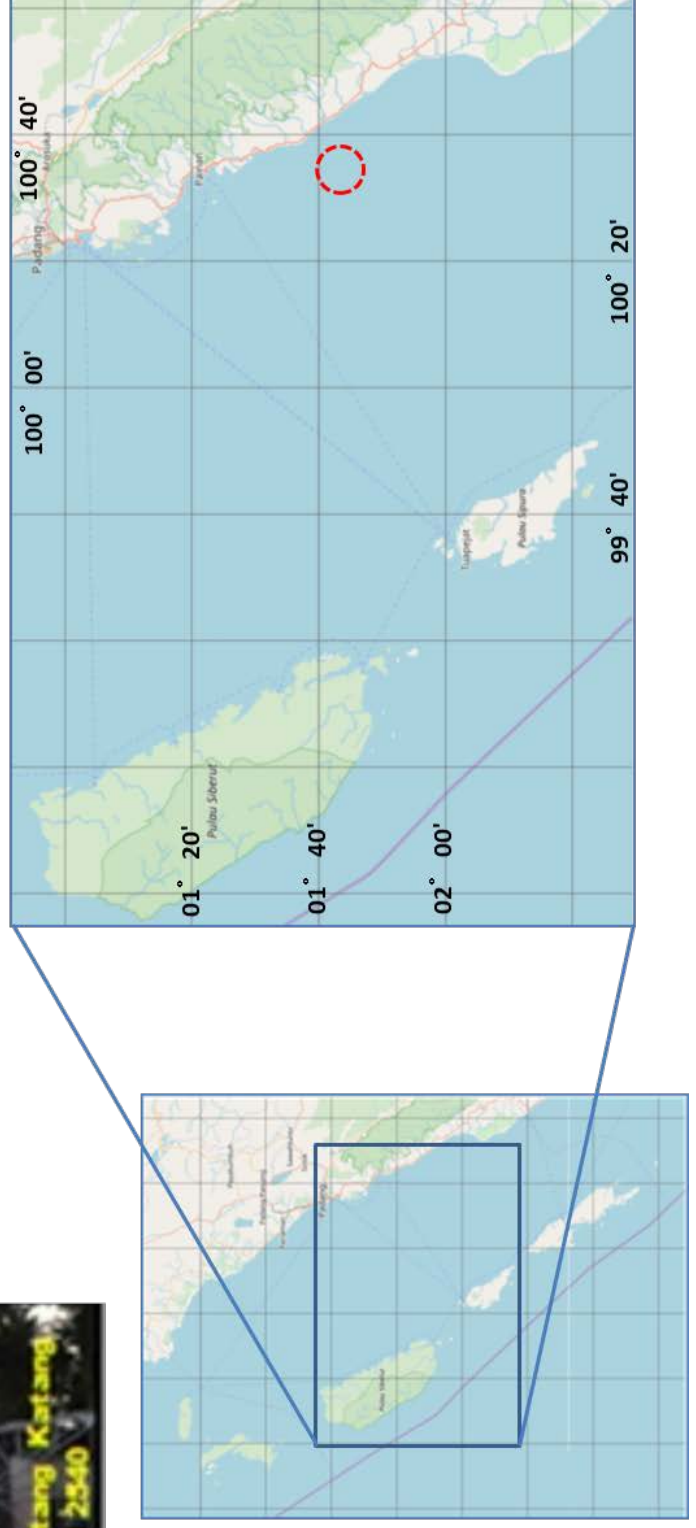
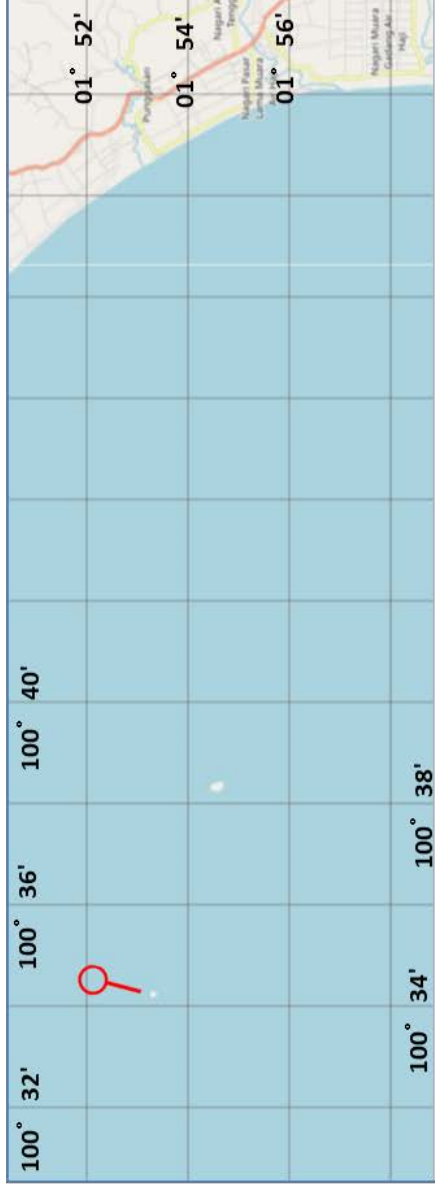
6 Simonga

($3^{\circ} 15'30.6''S$ $100^{\circ} 34'05.0''E$)



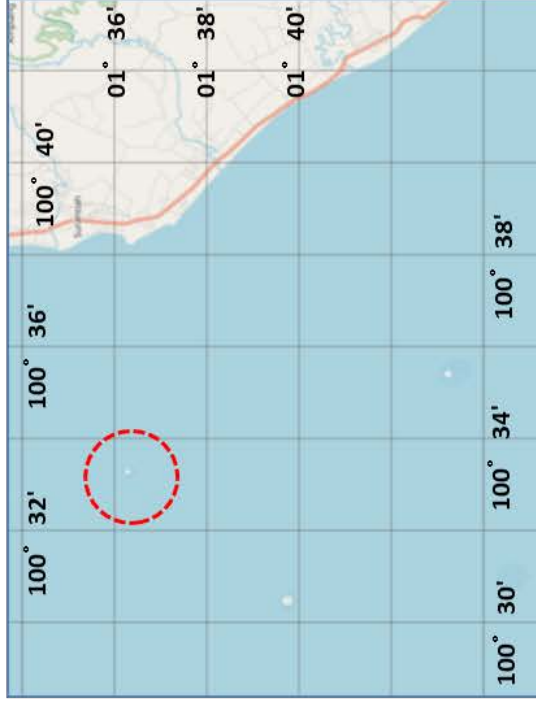
7 Katang Katang

($1^{\circ} 53'19.0''\text{S}$ $100^{\circ} 34'12.6''\text{E}$)



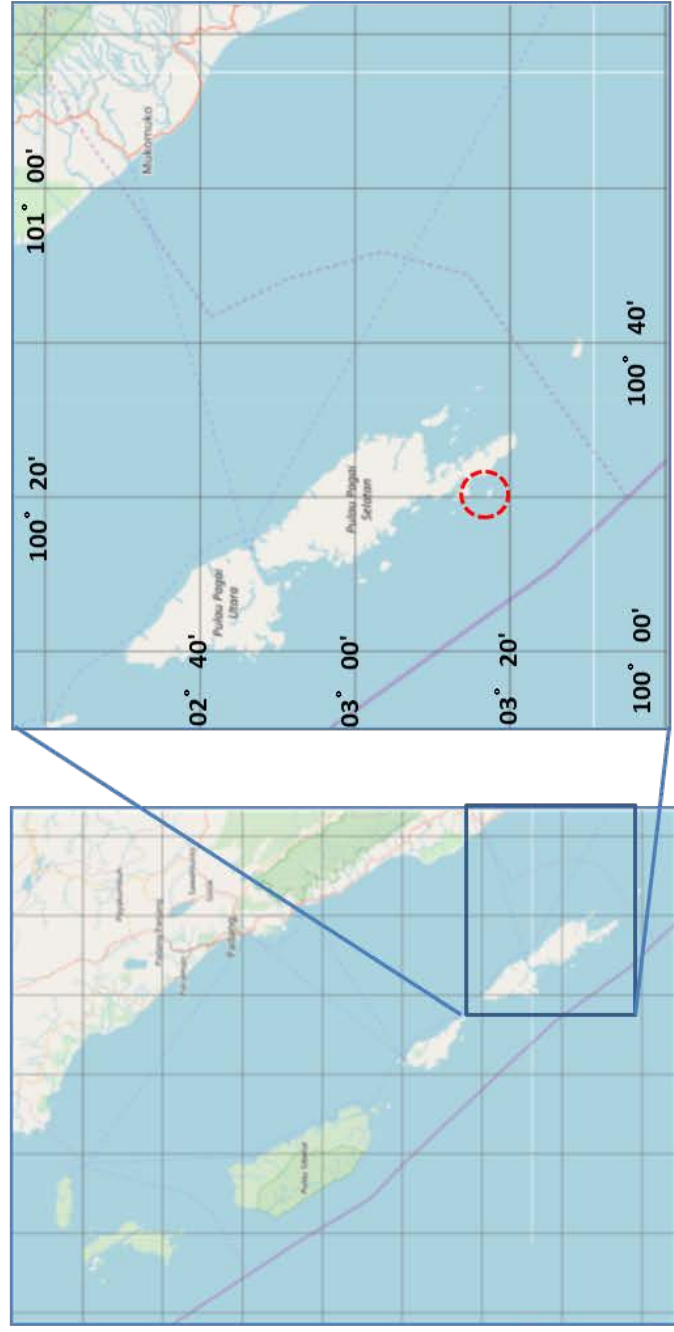
8 Keraba Kecil

(1° 36'17.0"S 100° 33'15.8"E)



9 Sibaru Baru

(3° 17'18.0"S 100° 19'50.0"E)



1-A Summary Table for Planned AtoN

5 DISNAV Tg. Pinang

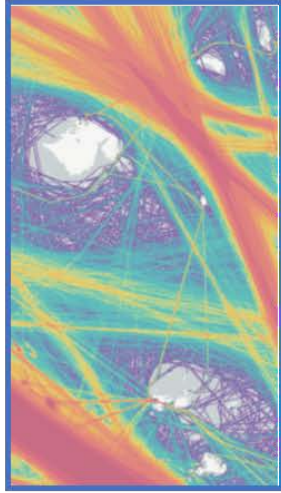
No	Area	Planned AtoN					Reference (Purpose)
		No	Name	Location		Type	
				Latitude	Longitude		
1	Pelabuhan Selat Lampa		-----	-----		Harbor/Port	Pelabuhan Pengumpul
2	Rambu Suar Malang Biru		-----	-----		Offshore Water	Tanda Pulau Terdepan
3	Rambu Suar Menvil		-----	-----		Offshore Water	

1-B Outline Map of Planned AtoN

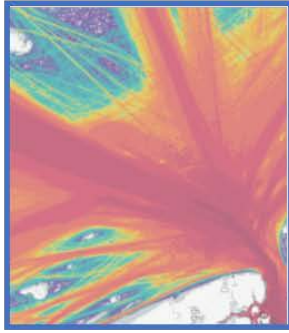
5 Tg. Pinang (I)

Planned AtoN (Nominated Area)

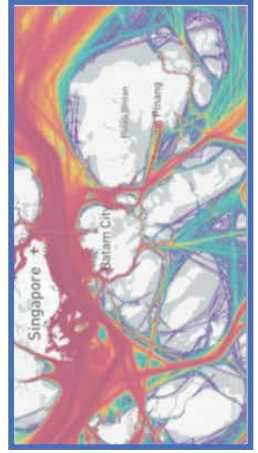
- 1 Pelabuhan Selat Lampa
- 2 Rambu Suar Malang Biru
- 3 Rambu Suar Menvil



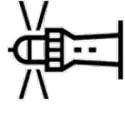
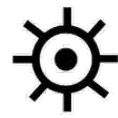
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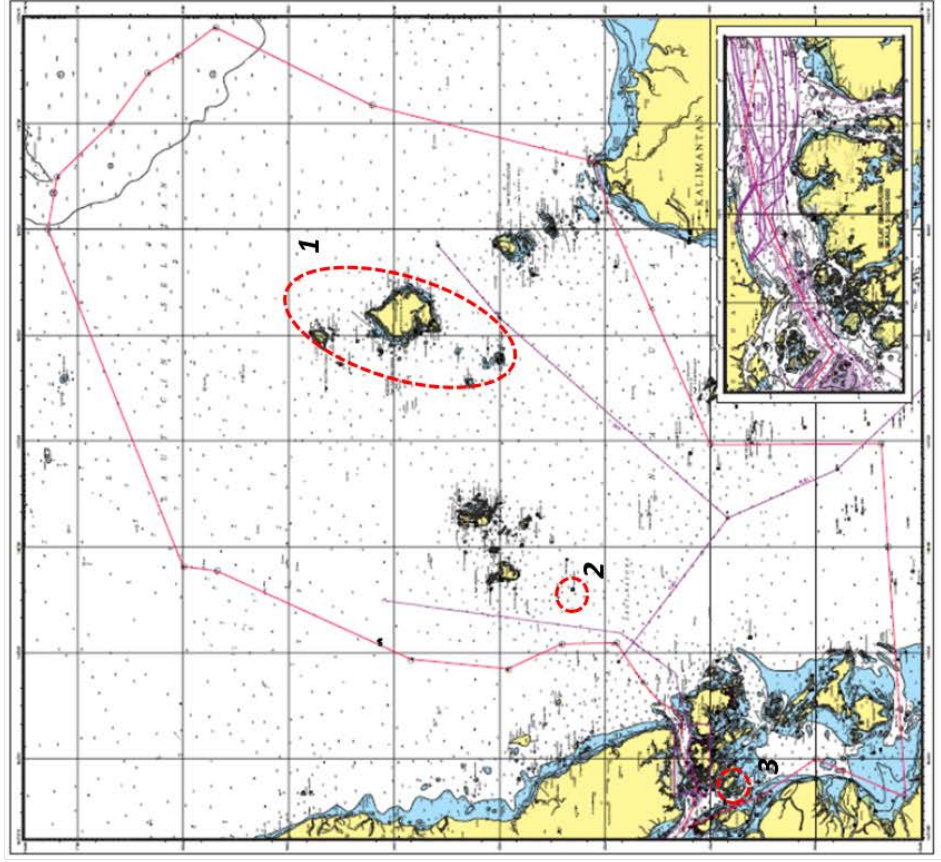
2



3



Location Map



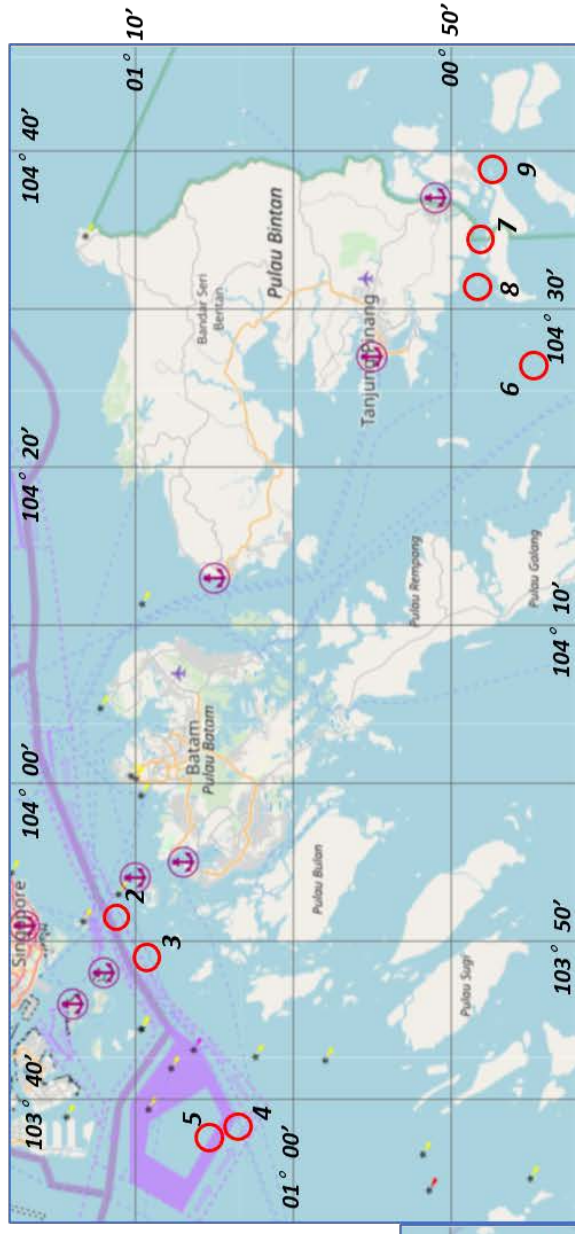
1-B Existing AtoN

- 2 **LB** : Batu Berhenti
- 3 **Bu** : Bufallo Rock
- 4 **Bu** : Selat Durian (S)
- 5 **Bu** : Safety Water
- 6 **Bu** : Selat Kijang No. 1
- 7 **Bu** : Selat Kijang No. 4
- 8 **Bu** : Selat Kijang No. 7
- 9 **Bu** : Pulau Rusa

01° 11'45.0"	103° 52'30.0"
01° 09'54.0"	103° 48'08.0"
01° 03'00.0"	103° 39'00.0"
01° 03'35.0"	103° 38'51.0"
00° 46'15.0"	104° 28'10.0"
00° 48'20.0"	104° 35'31.0"
00° 48'37.0"	104° 32'02.0"
00° 47'54.0"	104° 39'08.0"

Existing AtoN

L : Lighthouse
LB : Lighted Beacon
Bu : Lighted Buoy



Selat Singapur, Selat Durian, Selat Kijang

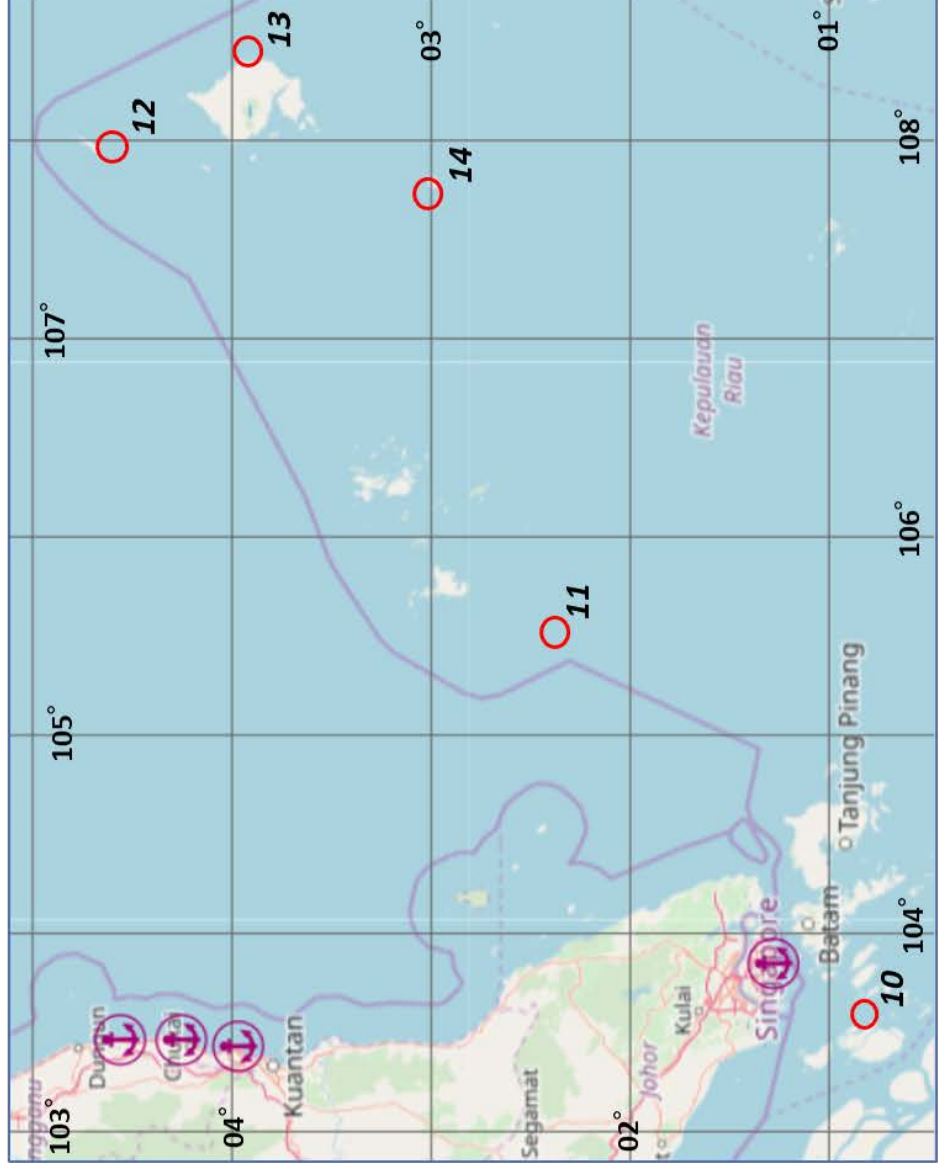
Selat Durian, Laut Natuna

- 10 **LB** : MENVIL (DSI.880)
- 11 **LB** : MALANG BIRU (DSI.2217,2)
- 12 **LB** : PULAU LAUT
- 13 **L** : TANJUNG SINUMBING (DSI. 2202)
- 14 **LB** : "MIDAI (DSI.2190)"

- N 00-51-50.0453 E103-36-40,755
- N 02-18-00.704 E105-35-50.8008
- N 04-38-40,50 E 107-56-48.63
- N 03-57-59.40,00 E 108-24-15,00
- N 03-00-12.174 E 107-44-82,80

Existing AtoN

- L** : Lighthouse
- LB** : Lighted Beacon
- Bu** : Lighted Buoy



1-A Summary Table for Planned AtoN

6 DISNAV Dumai

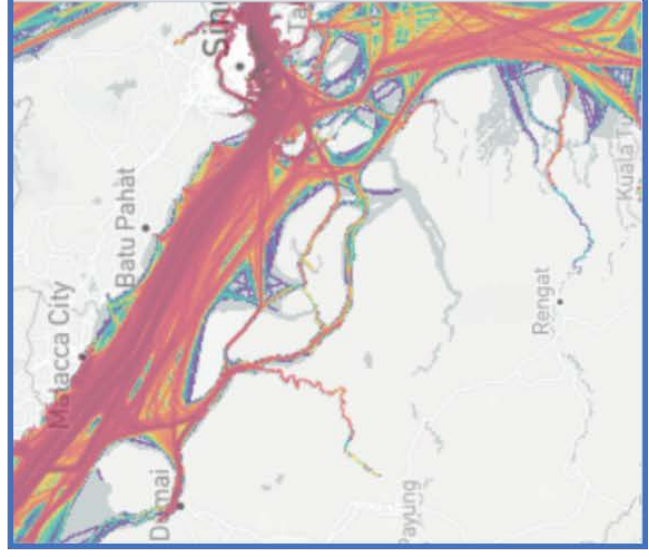
No	Area	Planned AtoN						Reference (Purpose)
		No	Name	Location		Type		
				Latitude	Longitude			
1	Pulau Tebingtinggi	1	Ramsu Selat Panjang 1	00° 45' 25.46" N	102° 47' 43.52" E	Strait	Restricted area	
		2	Ramus Selat Panjang 2	00° 40' 33.80" N	102° 58' 06.62" E	Strait	Restricted area	
2	Pulau Pandang	3	Ramsu Tg. Buton	00° 55' 56.03" N	102° 18' 08.46" E	Strait	Harbor	
		7	Ramsu Selat Padang	01° 19' 58.61" N	102° 22' 23.15" E	Strait	Restricted area	
3	Sungai Guntung Sungai Indragiri	4	Ramsu Sungai Guntung	00° 22' 38.79" N	103° 36' 25.46" E	Strait	Restricted area	
		5	Ramsu Sungai Indagiri 1	00° 18' 09.22" S	103° 12' 41.68" E	Strait	Restricted area	
		6	Ramsu Sungai Indagiri 2	00° 19' 53.64" S	103° 18' 44.40" E	Strait	Restricted area	

1-B Outline Map of Planned AtoN

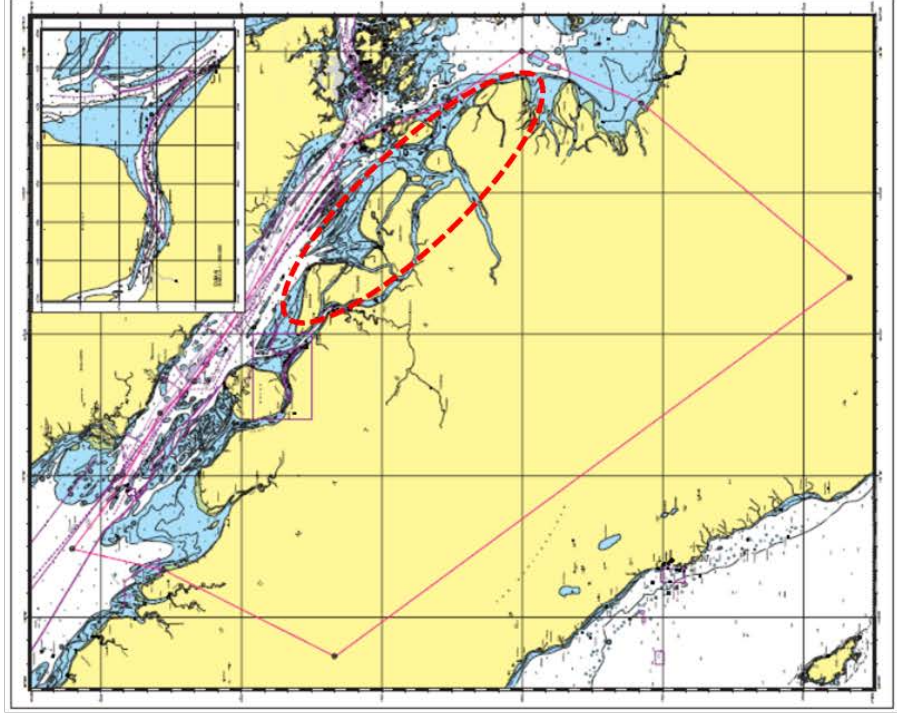
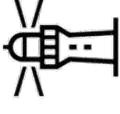
6 Dumai (I)

Planned AtoN

- 1 Ramsu Selat Panjang
- 2 Ramsu Selat Panjang
- 3 Ramsu Tg. Buton
- 4 Ramsu Sungai Guntung
- 5 Ramsu Sungai Indagiri
- 6 Ramsu Sungai Indagiri
- 7 Ramsu Selat Padang



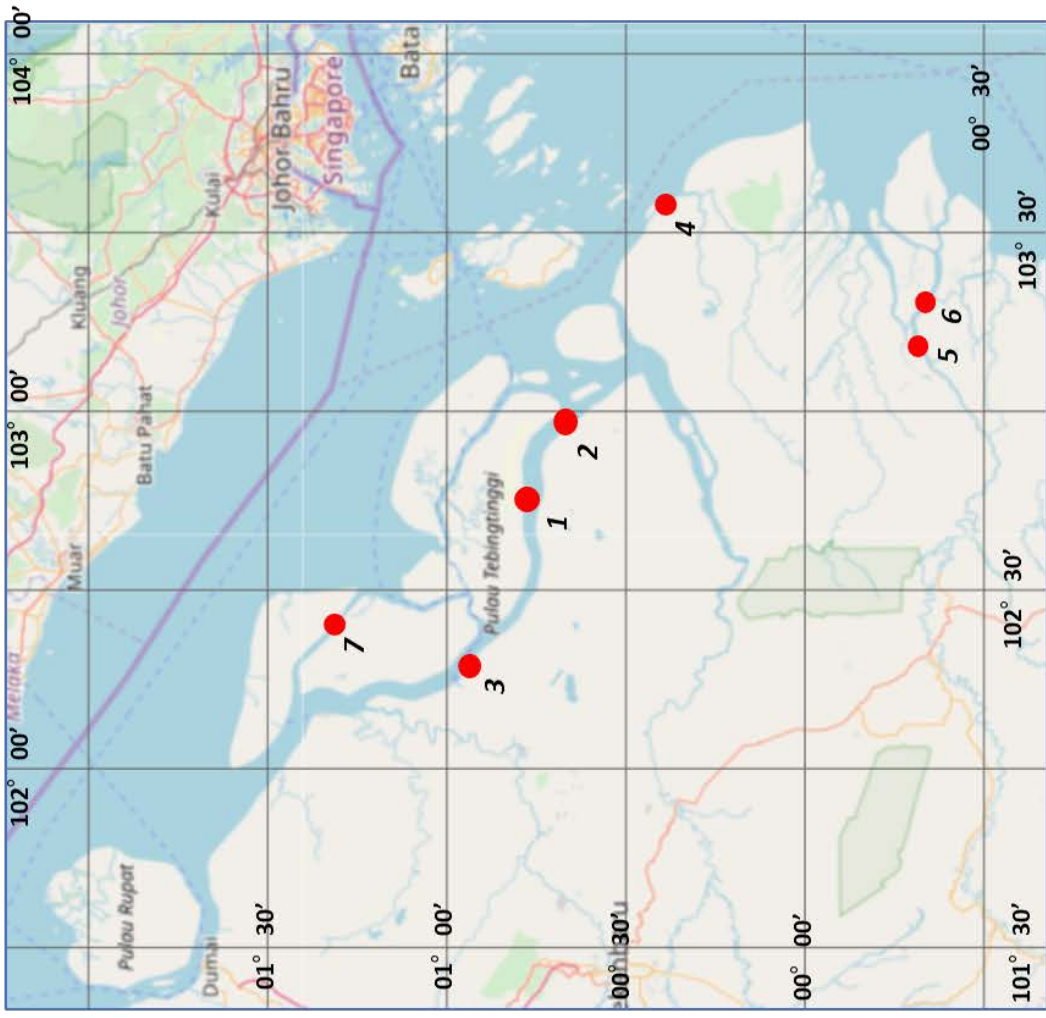
Location Map



Planned AtoN

- 1 Ramsu Selat Panjang
- 2 Ramsu Selat Panjang
- 3 Ramsu Tg. Buton
- 4 Ramsu Sungai Guntung
- 5 Ramsu Sungai Indagiri
- 6 Ramsu Sungai Indagiri
- 7 Ramsu Selat Padang

- 1 (00°45'25.46" N 102°47'43.52" E)
- 2 (00°40'33.80" N 102°58'06.62" E)
- 3 (00°55'56.03" N 102°18'08.46" E)
- 4 (00°22'38.79" N 103°36'25.46" E)
- 5 (00°18'09.22" S 103°12'41.68" E)
- 6 (00°19'53.64" S 103°18'44.40" E)
- 7 (01°19'58.61" N 102°22'23.15" E)

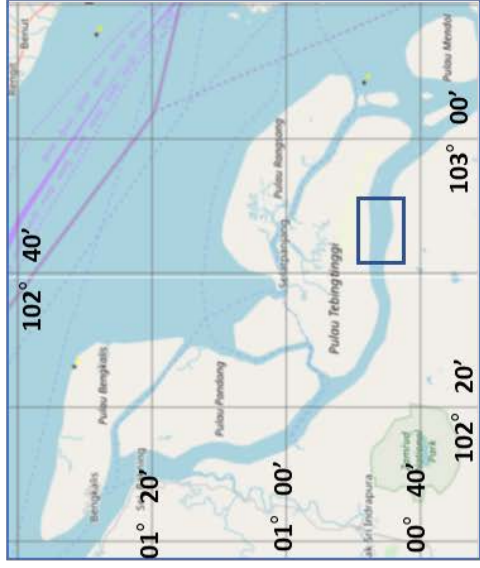
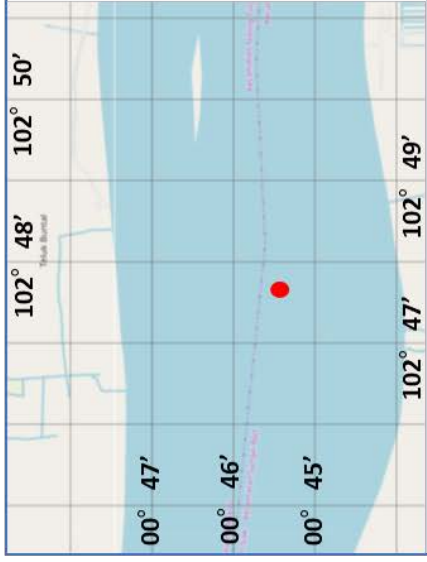


Planned Aton

2 Ramsu Selat Panjang
($00^{\circ}40'33.80''N$ $102^{\circ}58'06.62''E$)

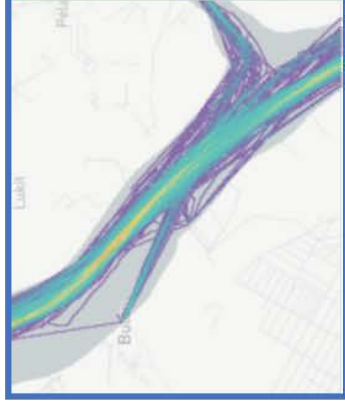
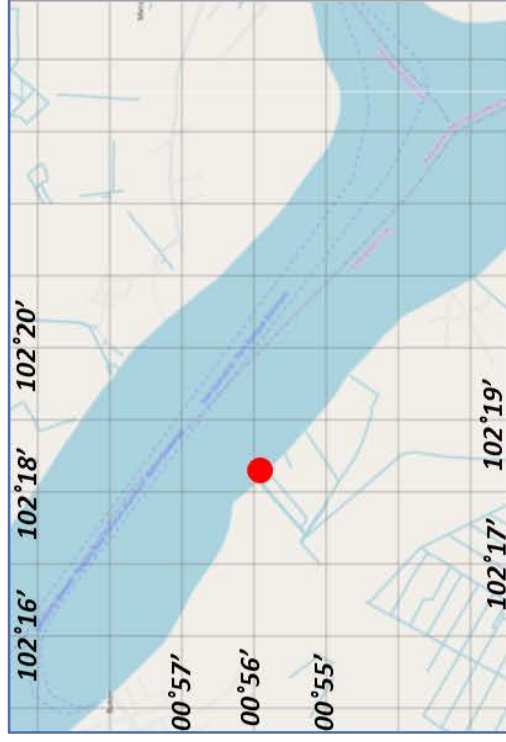


1 Ramsu Selat Panjang
($00^{\circ}45'25.46''N$ $102^{\circ}47'43.52''E$)



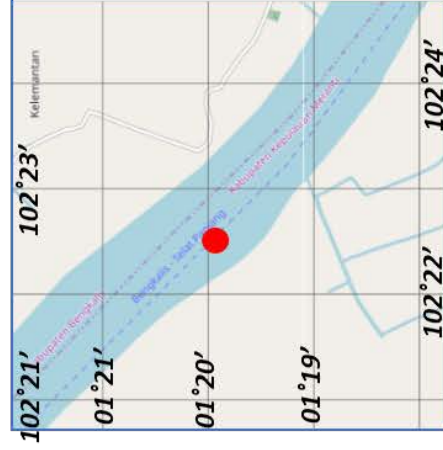
3 Ramsu Tg. Buton

($00^{\circ}55'56.03''$ N $102^{\circ}18'08.46''$ E)



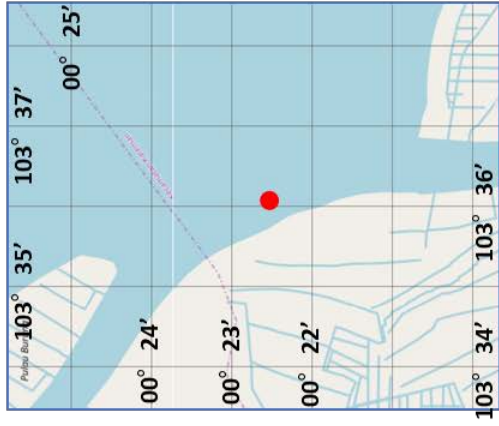
7 Ramsu Selat Padang

($01^{\circ}19'58.61''$ N $102^{\circ}22'23.15''$ E)

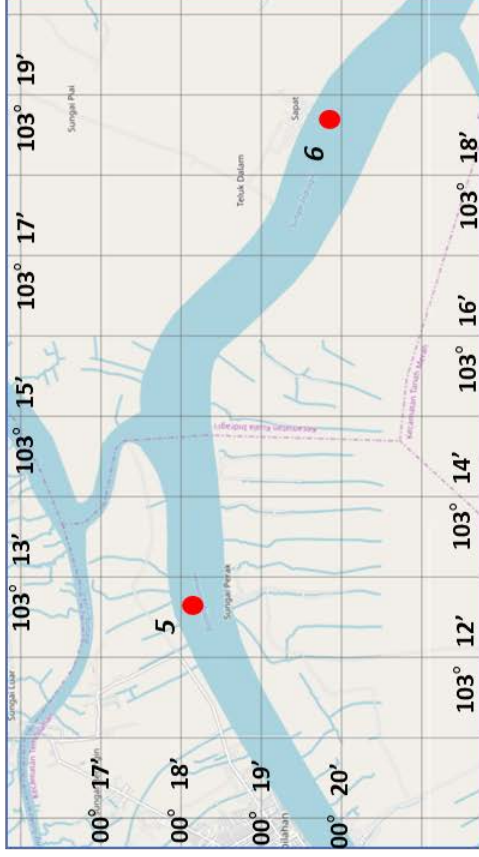


Planned AtoN

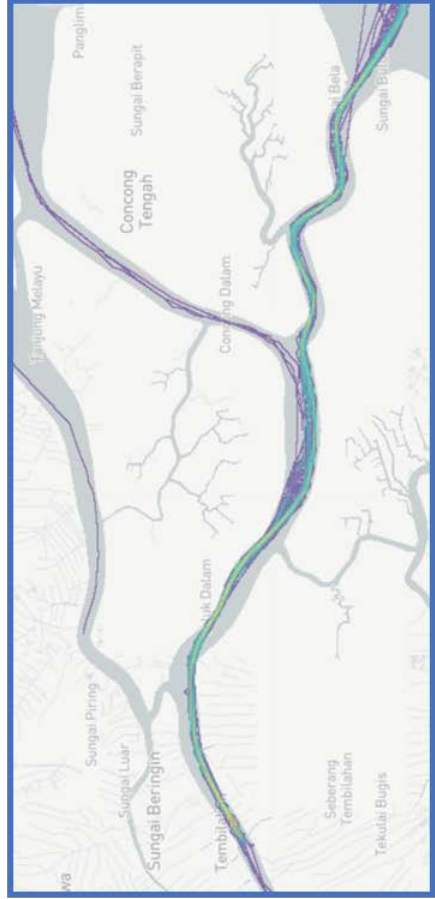
4 Ramsu Sungai Guntung
(00°22'38.79"N 103°36'25.46"E)



5 Ramsu Sungai Indagiri
(00°18'09.22"S 103°12'41.68"E)



6 Ramsu Sungai Indagiri
(00°19'53.64"S 103°18'44.40"E)



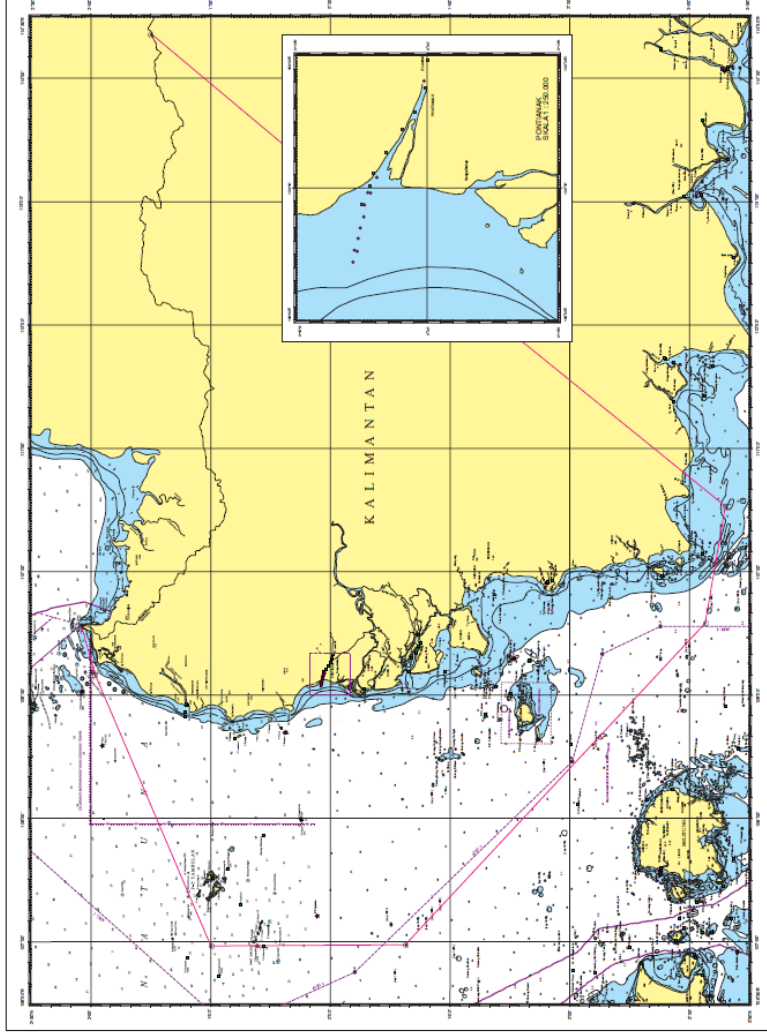
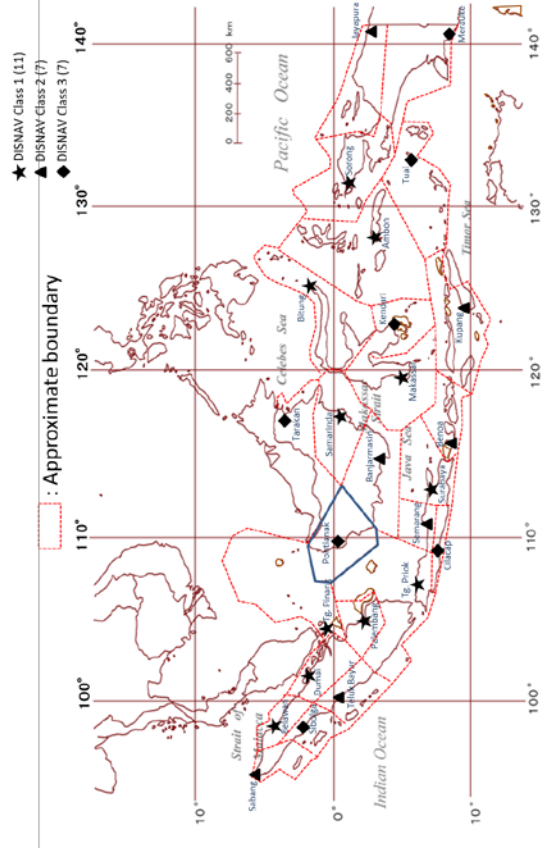
Sheet ③ Reporting Format for List of Planned AtoN
Lembar ③ (Format Pelaporan Daftar AtoN yang direncanakan)

Name of Sea Area / Port : Fill Out (Diisi)
 District : Dumai (6)
 Chart No (Name) : Fill Out (Diisi)

Reference Number (Nomor Referensi)	Location (Fill out) / Lokasi (Diisi)		Aid (Type dan Spesifikasi/Alat Bantu)		Category (Kategori)		Type of Marks (Tipe dari Tanda)				Remarks/Catatan		
	Name of AtoN (Nama AtoN)	Position (Posisi)	Type (*1)	Specification (*2)	Sea Area (*3) (Area Laut)	Significance (*4) (Signififansi)	Lateral (*5)	Cardinal (*6)	Special (*7) Khusus	Light Color (*8) (Warna lampu)		Top Marks	
												Category (*9) Kategori	Shape (*10) Bentuk
	Longitude Garis Bujur	Latitude Garis Lintang											
1	Ramsu Selat Panjang	00°-45'-25,46" N	102°-47'-43,52" E	Rambu Suar	Selat	Areal Terbatas	Vital				Putih		Selat Panjang
2	Ramsu Selat Panjang	00°-40'-33,80" N	102°-58'-06,62" E	Rambu Suar	Selat	Areal Terbatas	Vital				Putih		Selat Panjang
3	Ramsu Tg. Baton	00°-55'-58,03" N	102°-18'-08,46" E	Rambu Suar	Selat	Pelabuhan	Vital				Merah		Tg. Baton
4	Ramsu Sungai Guntung	00°-22'-38,79" N	103°-36'-25,46" E	Rambu Suar	Selat	Areal Terbatas	Vital				Putih		Sungai Guntung
5	Ramsu Sungai Indagri	00°-18'-09,22" S	103°-12'-41,68" E	Rambu Suar	Selat	Areal Terbatas	Vital				Merah		Sungai Indagri
6	Ramsu Sungai Indagri	00°-19'-53,64" S	103°-18'-44,40" E	Rambu Suar	Selat	Areal Terbatas	Vital				Merah		Sungai Indagri
7	Ramsu Selat Padang	01°-19'-58,61" N	102°-22'-23,15" E	Rambu Suar	Selat	Areal Terbatas	Vital				Putih		Selat Padang

8 DISNAV Pontianak

Outline of DISNAV Service Area



1-A Summary Table for Planned AtoN

8 DISNAV Pontianak

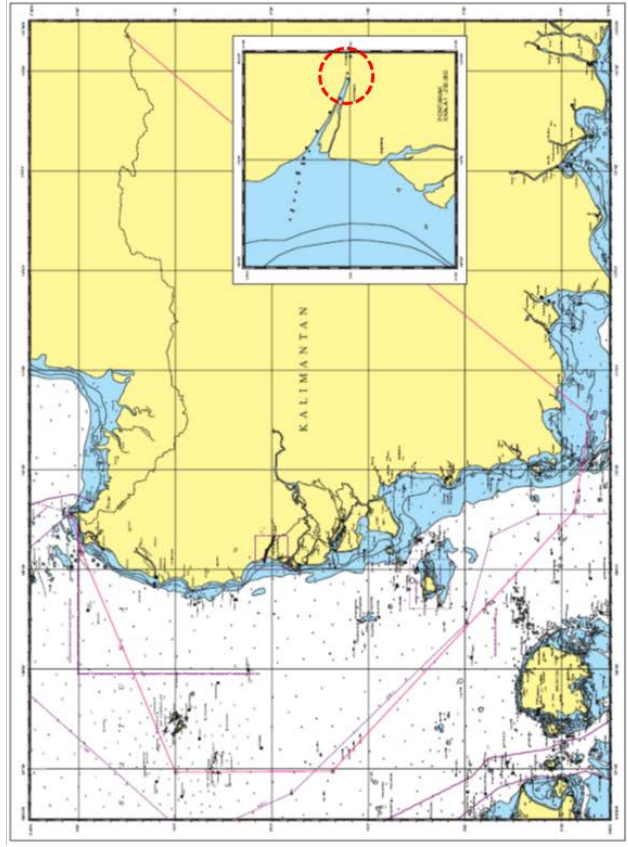
No	Area	Planned AtoN				Reference (Purpose)	
		No	Name	Location			Type
				Latitude	Longitude		
1	Dwikora		-----	-----		Inland Water (River)	

1-B Outline Map of Planned AtoN

8 Pontianak (III)

Planned AtoN (Nominated Area)

1 Dwikora (Inland Water : River)



1-A Summary Table for Planned AtoN

9 Tg. Priok

No	Area	Planned AtoN						Reference (Purpose)
		No	Name	Location		Type		
				Latitude	Longitude			
1	Pulau Belitung	1	KARANG BATUAN	03°16' 00.00" S	108°58' 00.00" E	Lighted Beacon	Long-range light	
		2	ABADI REEF	03°38' 46.32" S	108°45' 11.42" E	Lighted Beacon	Long-range light	
		3	KARANG F. ADELEIDE	02°04' 08.30" S	108°04' 33.60" E	Lighted Beacon	Long-range light	
		4	KARANG JONG	05°51' 09.00" S	106°38' 44.00" E	Lighted Beacon	Long-range light	
		5	BETING EKA	05°17' 32.00" S	106°54' 30.00" E	Lighted Beacon	Long-range light	
		6	BETING RAJA	05°12' 30.00" S	106°44' 20.00" E	Lighted Beacon	Long-range light	
		7	PULAU PUTRI REEF	06°04' 06.00" S	106°52' 22.00" E	Lighted Beacon	Long-range light	
2	Jakarta							

1-B Outline Map of Planned AtoN

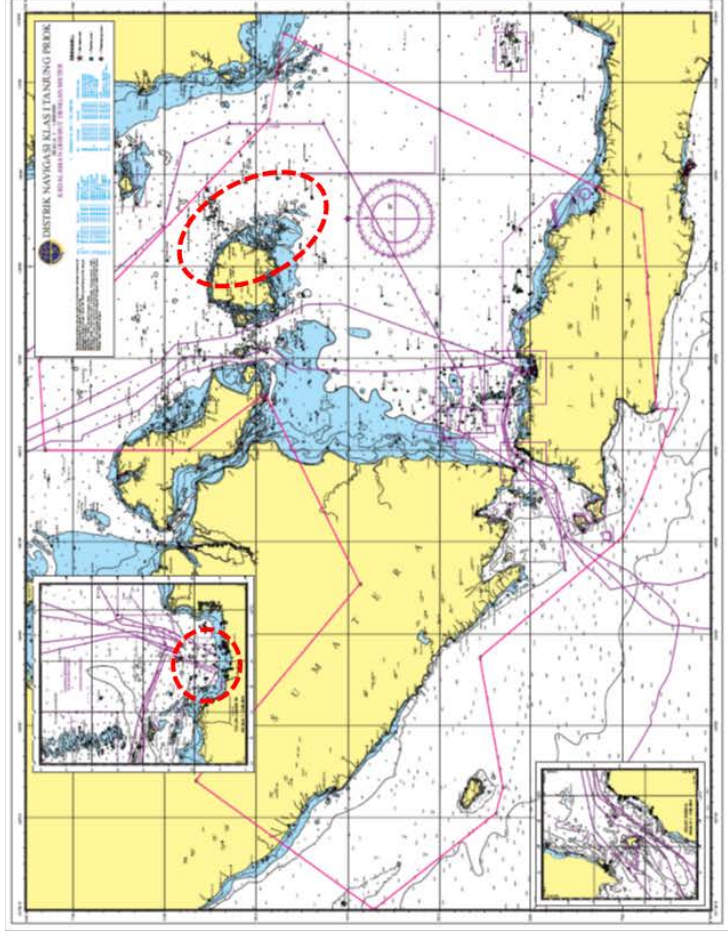
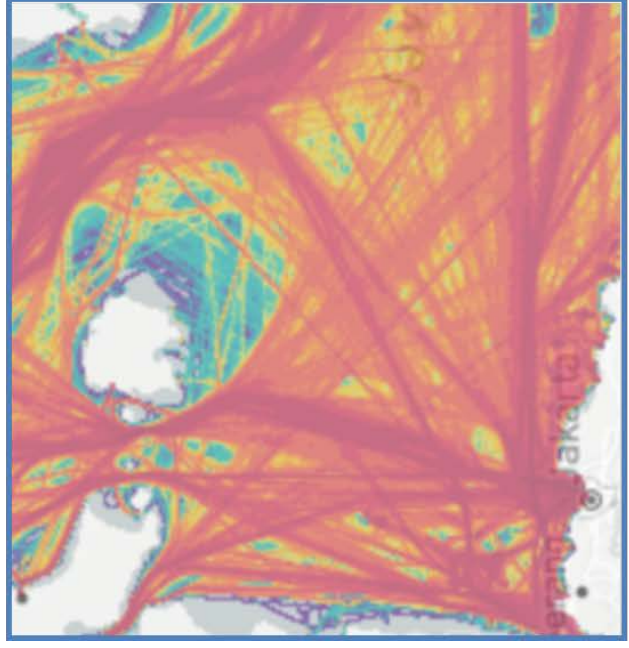
9 Tg. Priok (I)

Planned AtoN

- 1 KARANG BATUAN (L.B)
- 2 ABADI REEF (L.B)
- 3 KARANG F. ADELEIDE (L.B)
- 4 KARANG JONG (L.B)
- 5 BETING EKA (L.B)
- 6 BETING RAJA (L.B)
- 7 PULAU PUTRI REEF (L.B)

(L.B : Lighted Beacon)

Planned AtoN

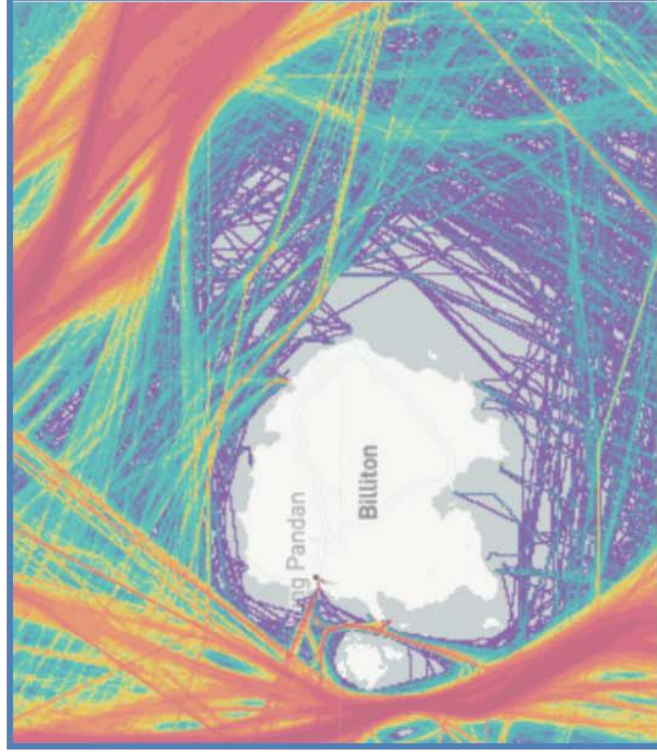
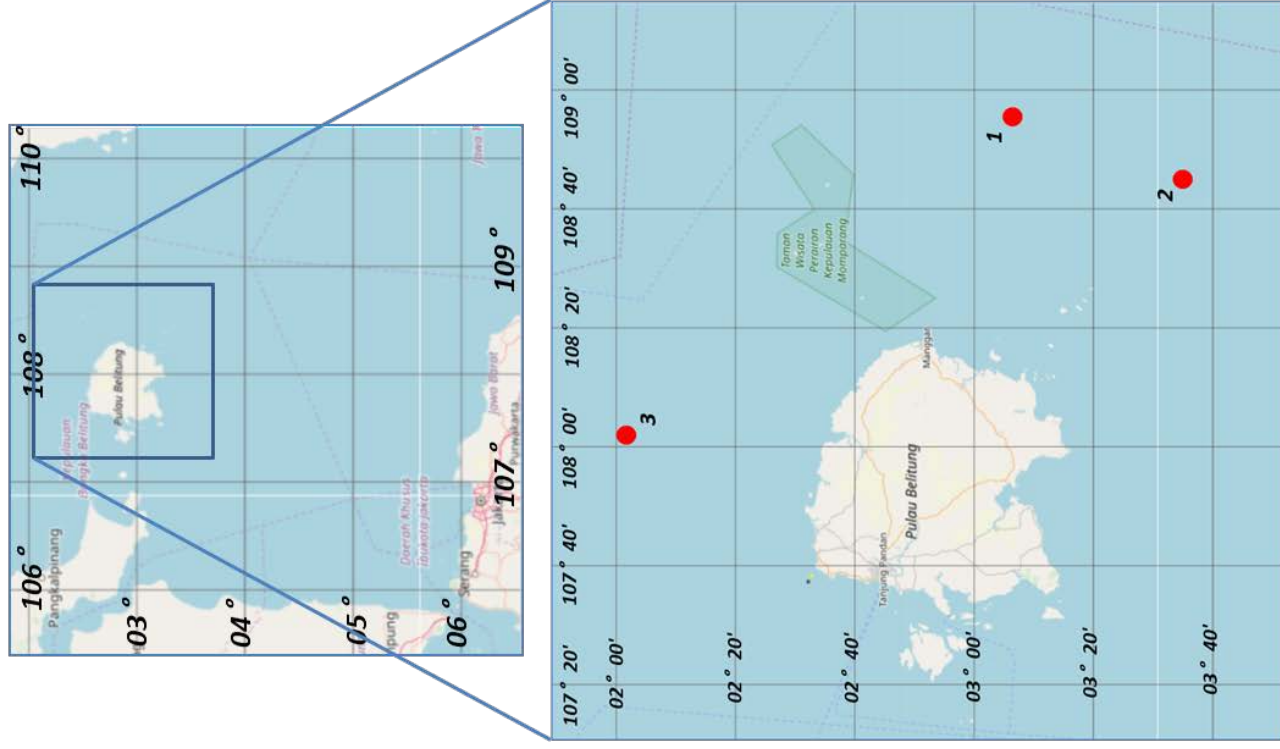


9 Tg. Priok (I)

Planned AtoN

- 1 KARANG BATUAN (L.B)
- 2 ABADI REEF (L.B)
- 3 KARANG F. ADELEIDE (L.B)

1 (03 ° 16' 00.00" S 108 ° 58' 00.00" E)
2 (03 ° 38' 46.32" S 108 ° 45' 11.42" E)
3 (02 ° 04' 08.30" S 108 ° 04' 33.60" E)



9 Tg. Priok (I)

Planned AtoN

4 KARANG JONG (L.B)

5 BETINGEKA (L.B)

6 BETING RAJA (L.B)

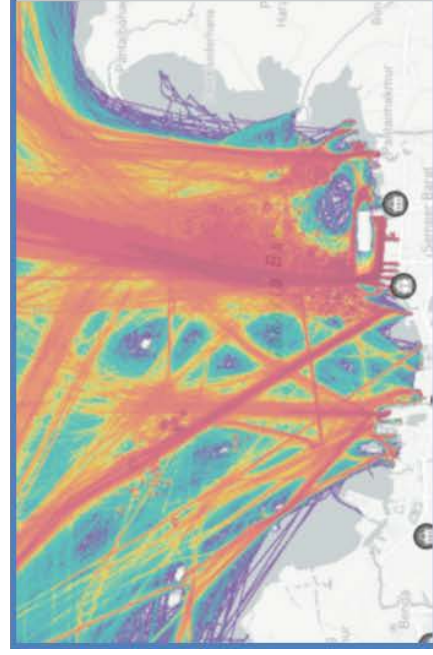
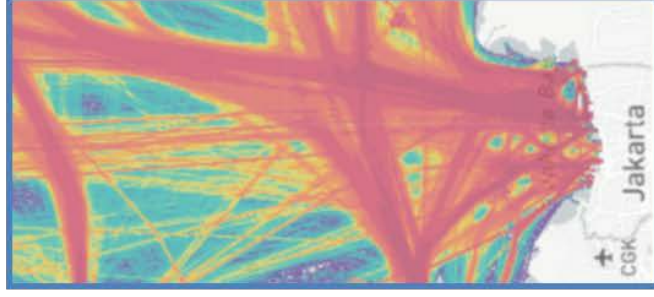
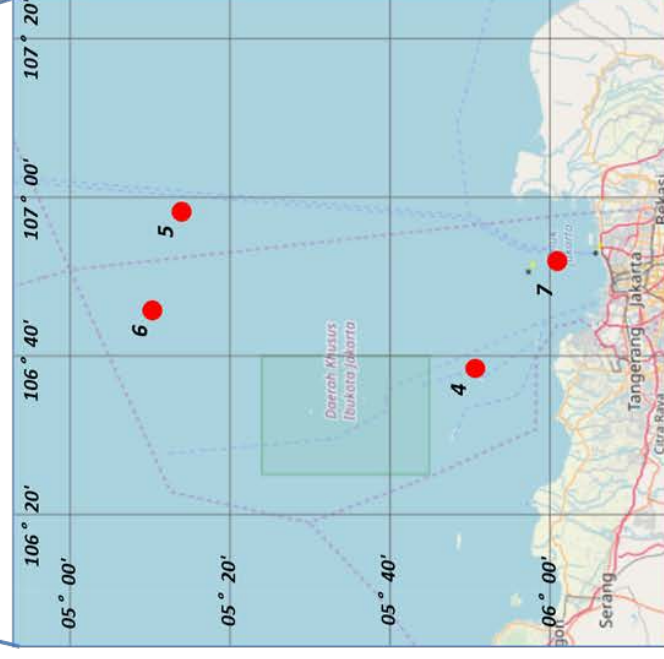
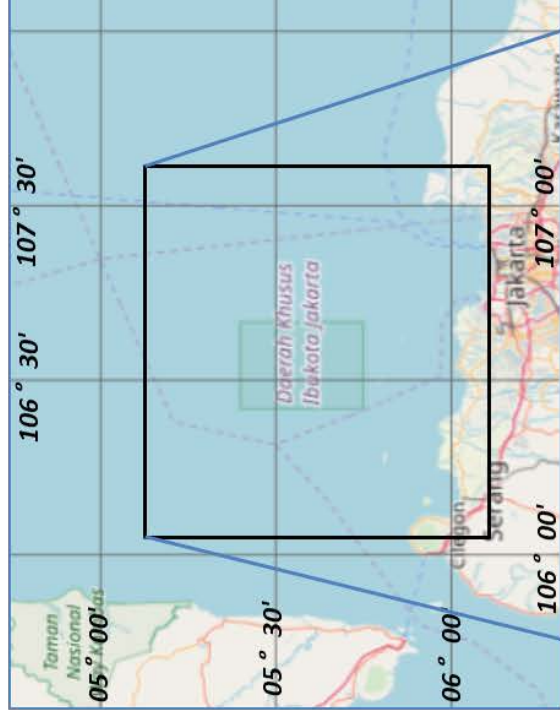
7 PULAU PUTRI REEF (L.B)

4 (05 ° 51'09.00" S 106 ° 38'44.00" E)

5 (05 ° 17'32.00" S 106 ° 54'30.00" E)

6 (05 ° 12'30.00" S 106 ° 44'20.00" E)

7 (06 ° 04'06.00" S 106 ° 52'22.00" E)



Sheet ③ Reporting Format for List of Planned AtoN
Lembar ③ (Format Pelaporan Daftar AtoN yang direncanakan)

Name of Sea Area / Port : Fill Out (Diisi)
 District : Tg. Priok (9)
 Chart No (Name) : Fill Out (Diisi)

Reference Number (Nomor Referensi)	Location (Fill out) / Lokasi (Diisi)			Aid (Type dan Spesifikasi Alat Bantu)	Category (Kategori)		Type of Marks (Tipe dari Tanda)					Remarks/Catatan	
	Name of AtoN (Nama AtoN)	Position (Posisi)			Sea Area (*3) (Area Laut)	Significance (*4) (Signifikansi)	Lateral (*5)	Cardinal (*6)	Special (*7) Khusus	Light Color (*8) (Warna lampu)	Top Marks		Popular name (Nama Populer) (Fill out) (Diisi)
		Longitude Garis Bujur	Latitude Garis Lintang								Category (*9) Kategori	Shape (*10) Bentuk	
1	KARANG BATUAN	03° 16' 0" LS	108° 58' 0" BT	Lighted Beacon	Long-range Light	Offshore waters (Perairan Lepas Pantai)	Category 1 (Vital)	Not Applicable (nil) (Tidak Beraku)	Not Applicable (nil) (Tidak Beraku)	White (Putih)	6 Not Applicable (nil) (Tidak Beraku)	6 Not Applicable (nil) (Tidak Beraku)	6 Not Applicable (nil) (Tidak Beraku)
2	ABADI REEF	03° 38' 46.32" LS	108° 45' 11.42" BT	Lighted Beacon	Long-range Light	Offshore waters (Perairan Lepas Pantai)	Category 1 (Vital)	Not Applicable (nil) (Tidak Beraku)	Not Applicable (nil) (Tidak Beraku)	White (Putih)	6 Not Applicable (nil) (Tidak Beraku)	6 Not Applicable (nil) (Tidak Beraku)	6 Not Applicable (nil) (Tidak Beraku)
3	KARANG F. ADELEIDE	02° 04' 08.3" LS	108° 04' 33.6" BT	Lighted Beacon	Long-range Light	Offshore waters (Perairan Lepas Pantai)	Category 1 (Vital)	Not Applicable (nil) (Tidak Beraku)	Not Applicable (nil) (Tidak Beraku)	White (Putih)	6 Not Applicable (nil) (Tidak Beraku)	6 Not Applicable (nil) (Tidak Beraku)	6 Not Applicable (nil) (Tidak Beraku)
4	KARANG JONG	06° 51' 09" LS	106° 38' 44" BT	Lighted Beacon	Long-range Light	Offshore waters (Perairan Lepas Pantai)	Category 1 (Vital)	Not Applicable (nil) (Tidak Beraku)	Not Applicable (nil) (Tidak Beraku)	Green (Hijau)	6 Not Applicable (nil) (Tidak Beraku)	6 Not Applicable (nil) (Tidak Beraku)	6 Not Applicable (nil) (Tidak Beraku)
5	BETING EKA	06° 17' 32" LS	106° 54' 30" BT	Lighted Beacon	Long-range Light	Offshore waters (Perairan Lepas Pantai)	Category 1 (Vital)	Not Applicable (nil) (Tidak Beraku)	Not Applicable (nil) (Tidak Beraku)	White (Putih)	6 Not Applicable (nil) (Tidak Beraku)	6 Not Applicable (nil) (Tidak Beraku)	6 Not Applicable (nil) (Tidak Beraku)
6	BETING RAJA	06° 12' 30" LS	106° 44' 20" BT	Lighted Beacon	Long-range Light	Offshore waters (Perairan Lepas Pantai)	Category 1 (Vital)	Not Applicable (nil) (Tidak Beraku)	Not Applicable (nil) (Tidak Beraku)	White (Putih)	6 Not Applicable (nil) (Tidak Beraku)	6 Not Applicable (nil) (Tidak Beraku)	6 Not Applicable (nil) (Tidak Beraku)
7	PULAU PUTRI REEF	06° 04' 06.00" LS	106° 52' 22.00" BT	Lighted Beacon	Long-range Light	Offshore waters (Perairan Lepas Pantai)	Category 1 (Vital)	Not Applicable (nil) (Tidak Beraku)	Not Applicable (nil) (Tidak Beraku)	Red (Merah)	6 Not Applicable (nil) (Tidak Beraku)	6 Not Applicable (nil) (Tidak Beraku)	6 Not Applicable (nil) (Tidak Beraku)

1-B Outline Map of Existing AtoN (Lighthouse)

9 Tg. Priok (I)

Existing AtoN (Lighthouse)

Group 1

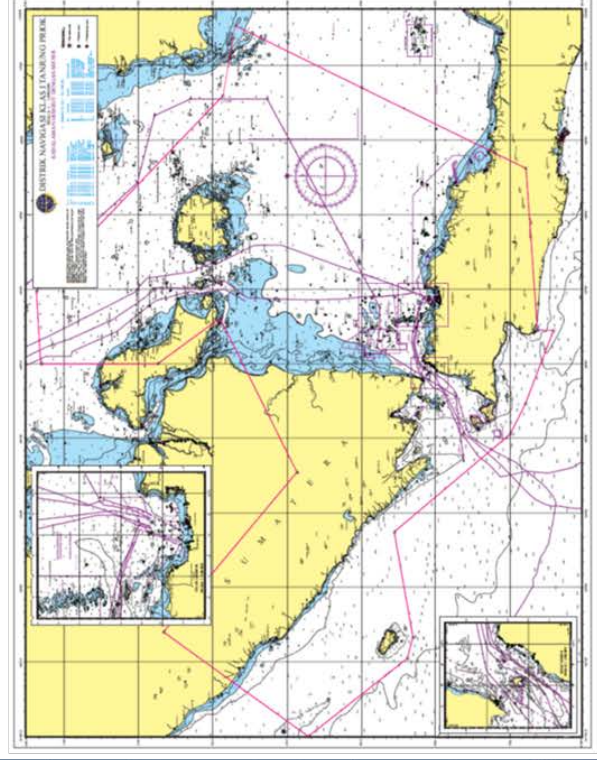
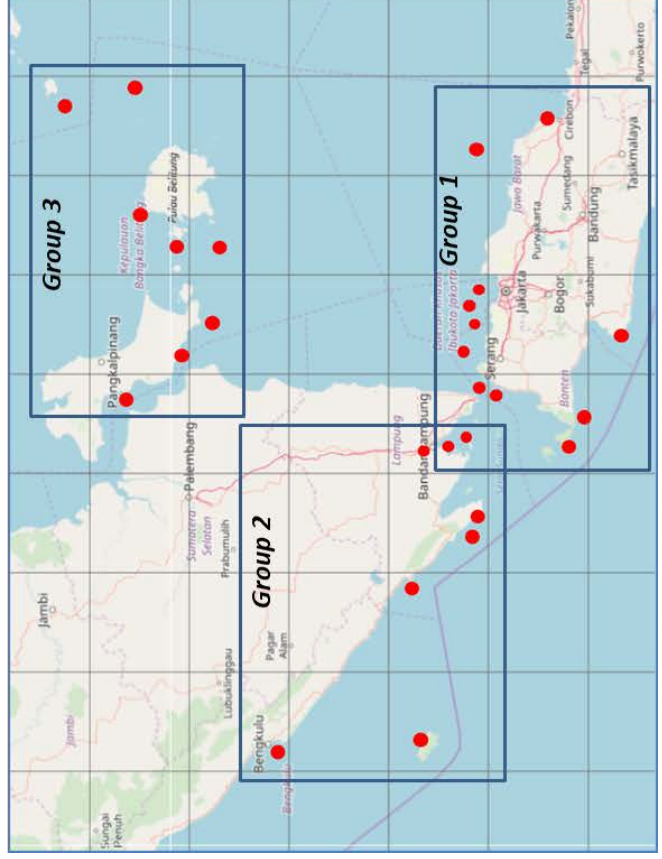
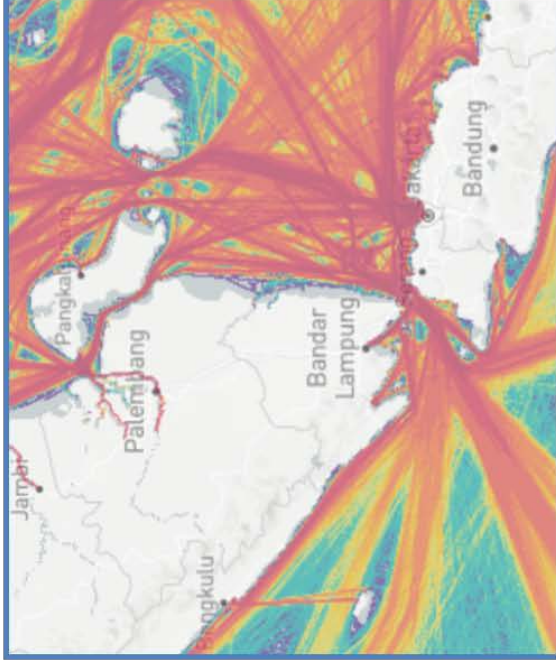
- 1 TANJUNG LAYAR
- 2 CIKONENG
- 3 PULAU TUNDA
- 4 PULAU TEMPURUNG
- 5 PULAU DELI
- 6 PULAU PAYUNG
- 7 PULAU JAGA UTARA
- 8 PULAU PENIKI
- 9 PULAU EDAM
- 10 PULAU SEGAMA
- 19 UJUNG GENTENG
- 20 PULAU BOMPIES
- 21 CIREBON

Group 2

- 11 PULAU BELIMBING
- 12 PULAU BATU KECIL
- 13 GUNUNG KUNYIT
- 14 PULAU SERDANG
- 15 PULAU MAITEM
- 16 TANJUNG WALOR
- 17 PULAU ENGGANO
- 18 PULAU TIKUS

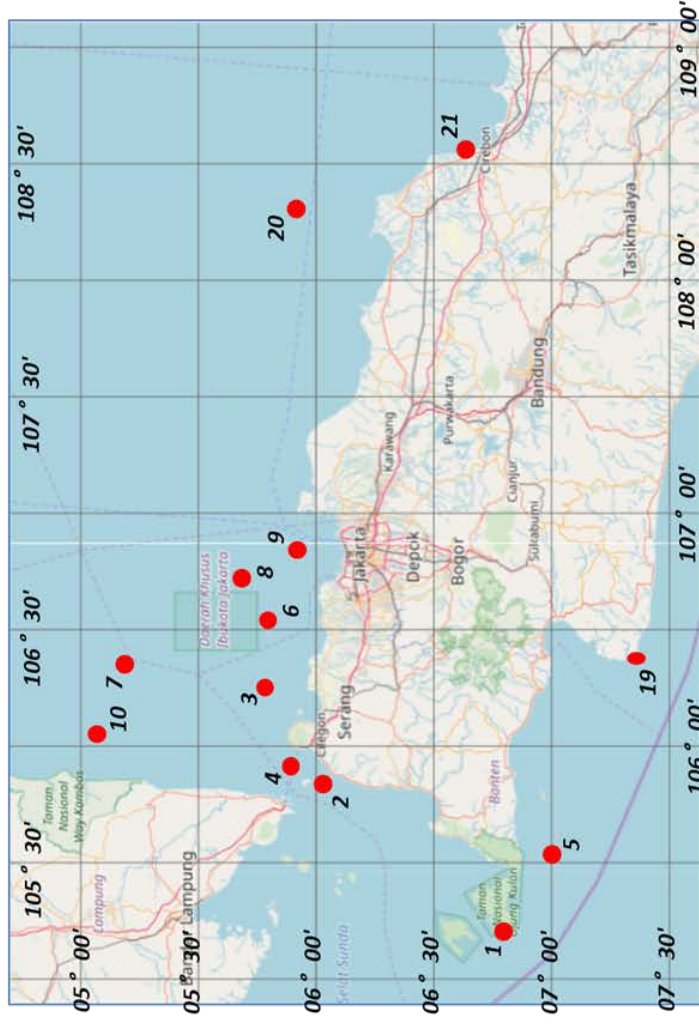
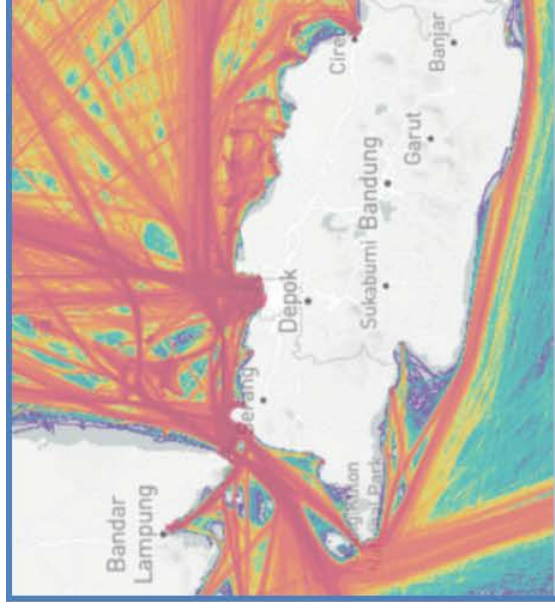
Group 3

- 22 PULAU NANGKA
- 23 PULAU BESAR
- 24 PULAU DAPUR
- 25 PULAU SIMEDANG
- 26 PULAU MENDANAU
- 27 PULAU LANGKUAS
- 28 PULAU PASEMUT
- 29 PULAU SERUTU



Existing AtoN (Lighthouse)

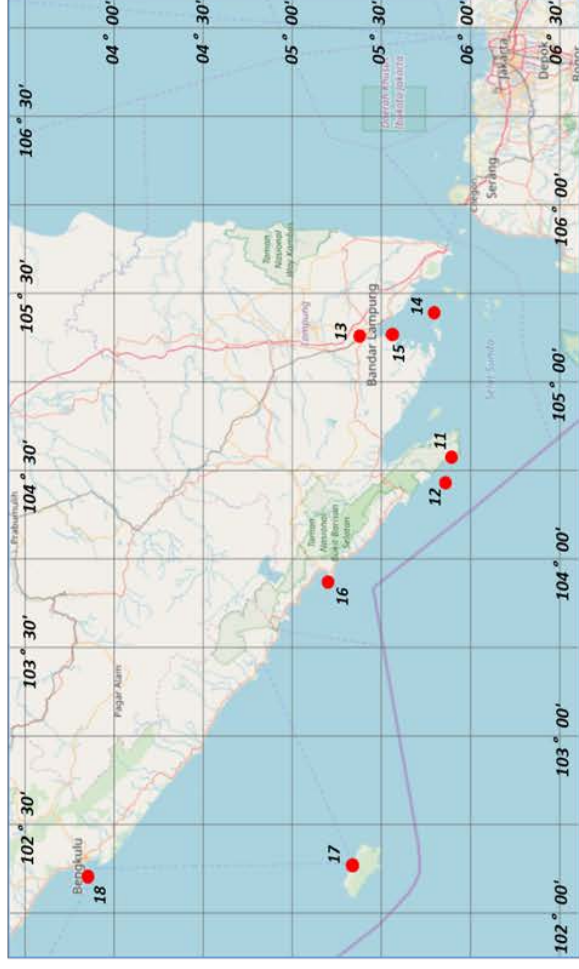
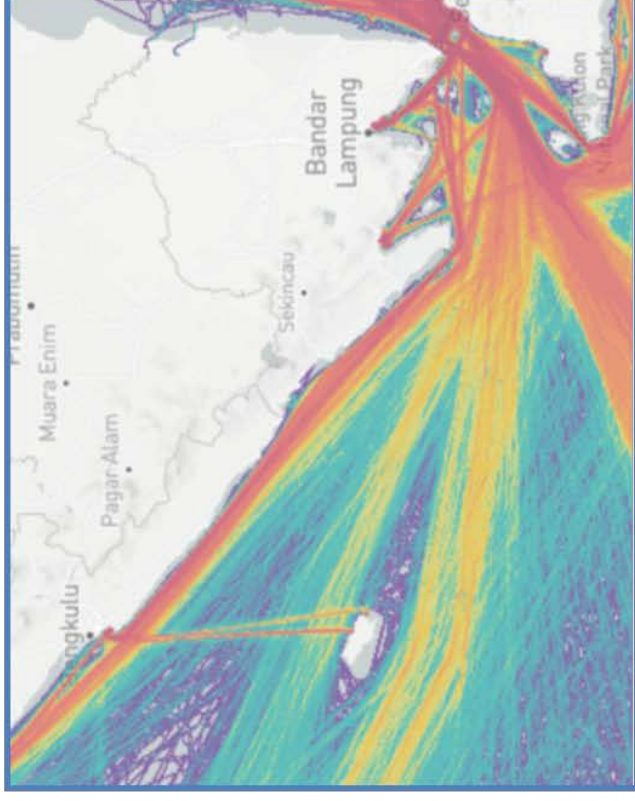
- 1 TANJUNG LAYAR
 - 2 CIKONENG
 - 3 PULAU TUNDA
 - 4 PULAU TEMPURUNG
 - 5 PULAU DELI
 - 6 PULAU PAYUNG
 - 7 PULAU JAGA UTARA
 - 8 PULAU PENIKI
 - 9 PULAU EDAM
 - 10 PULAU SEGAMA
 - 19 UJUNG GENTENG
 - 20 PULAU BOMPIES
 - 21 CIREBON
- | | | |
|----|-----------------|------------------|
| 1 | (06° 45'00.0" S | 105° 12'30.0" E) |
| 2 | (06° 04'00.0" S | 105° 53'00.0" E) |
| 3 | (05° 49'00.0" S | 106° 17'00.0" E) |
| 4 | (05° 54'03.0" S | 105° 56'00.0" E) |
| 5 | (07° 01'00.0" S | 105° 31'25.0" E) |
| 6 | (05° 49'30.0" S | 106° 33'30.0" E) |
| 7 | (05° 12'00.0" S | 106° 28'00.0" E) |
| 8 | (05° 41'40.0" S | 106° 42'43.0" E) |
| 9 | (05° 57'30.0" S | 106° 50'40.0" E) |
| 10 | (05° 10'10.0" S | 106° 06'30.0" E) |
| 19 | (07° 22'50.0" S | 106° 24'24.0" E) |
| 20 | (05° 56'30.0" S | 108° 23'00.0" E) |
| 21 | (06° 43'00.0" S | 108° 34'34.5" E) |



Existing AtoN (Lighthouse)

- 11 PULAU BELIMBING
- 12 PULAU BATU KECIL
- 13 GUNUNG KUNYIT
- 14 PULAU SERDANG
- 15 PULAU MAITEM
- 16 TANJUNG WALOR
- 17 PULAU ENGGANO
- 18 PULAU TIKUS

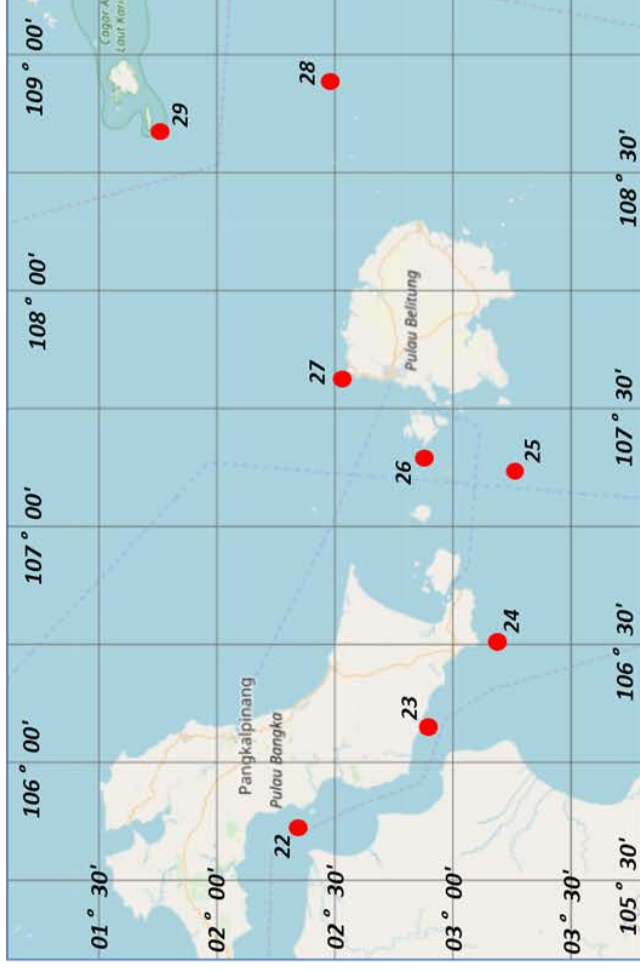
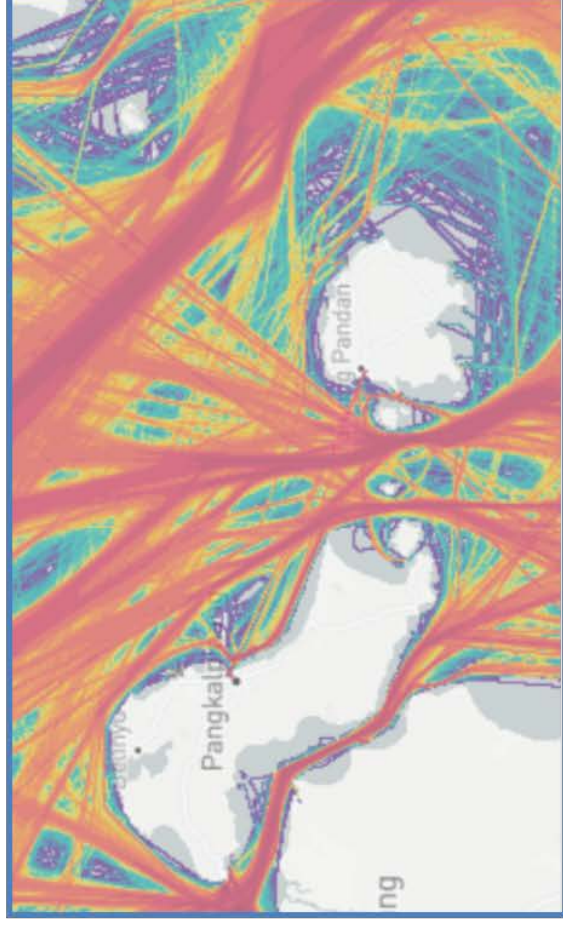
- 11 (05 ° 55'30.0" S 104 ° 33'30.0" E)
- 12 (05 ° 53'45.0" S 104 ° 26'26.0" E)
- 13 (05 ° 26'56.2" S 105 ° 16'48.0" E)
- 14 (05 ° 49'20.0" S 105 ° 23'30.0" E)
- 15 (05 ° 35'56.0" S 105 ° 15'04.3" E)
- 16 (05 ° 12'40.0" S 103 ° 54'20.0" E)
- 17 (05 ° 21'00.0" S 102 ° 17'23.0" E)
- 18 (03 ° 50'30.0" S 102 ° 11'00.0" E)



Existing AtoN (Lighthouse)

- 22 PULAU NANGKA
- 23 PULAU BESAR
- 24 PULAU DAPUR
- 25 PULAU SIMEDANG
- 26 PULAU MENDANAU
- 27 PULAU LANGKUAS
- 28 PULAU PASEMUT
- 29 PULAU SERUTU

- 22 (02 ° 23'00.0" S 105 ° 45'00.0" E)
- 23 (02 ° 53'00.0" S 106 ° 08'30.0" E)
- 24 (03 ° 08'00.0" S 106 ° 31'00.0" E)
- 25 (03 ° 19'00.0" S 107 ° 13'00.0" E)
- 26 (02 ° 53'00.0" S 107 ° 20'30.0" E)
- 27 (02 ° 32'00.0" S 107 ° 37'30.0" E)
- 28 (02 ° 29'50.0" S 108 ° 50'33.0" E)
- 29 (01 ° 43'00.0" S 108 ° 42'00.0" E)



Sheet 2 Reporting Format for List of Existing Aton
Lembar 2 (Format Pelaporan Daftar Aton yang telah ada)

Name of Sea Area / Port
Nama Lahan / Pelabuhan
District
Chart No (Name)
: Fill Out (Diisi)
: To Print (Cetak)
: Fill Out (Diisi)

Reference Number / Referensi	Location (PFI and / or DSD)		Type (*)	Specification (K2)	Sea Area (K3) (Area Loc)	Significance (K4) (Significance)	Lateral (K5)	Cardinal (K6)	Special (K7) (Remarks)	Light Color (K8) (Warna Lampu)	Category (K9) (Kategori)	Type of Mark (Tipe dan Tanda)		Remarks (Catatan)
	Name of Aton / Nama Aton	Position (P1,2) (Latitude, Guna Bujur)										Top Mark		
												Shape (S1) (Bentuk)	Color (C1) (Warna)	
1	TANJUNGPAYAR	05° 47' 00.0" LS 107° 12' 30.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	4 SAFE WATER MARKS	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
2	CANDONO	05° 04' 00.0" LS 107° 53' 00.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	4 SAFE WATER MARKS	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
3	PULAU TUNDIA	05° 49' 00.0" LS 108° 17' 00.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 1 (Visual)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	4 SAFE WATER MARKS	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
4	PULAU TERPUNGGUNG	05° 54' 00.0" LS 107° 56' 00.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	4 SAFE WATER MARKS	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
5	PULAU DELI	05° 01' 00.0" LS 107° 31' 20.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 1 (Visual)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	4 SAFE WATER MARKS	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
6	PULAU RAYONG	05° 49' 30.0" LS 108° 33' 30.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 1 (Visual)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	4 SAFE WATER MARKS	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
7	PULAU JAGA UTARA	05° 12' 00.0" LS 108° 28' 00.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	4 SAFE WATER MARKS	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
8	PULAU RENONG	05° 41' 40.0" LS 108° 42' 40" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 1 (Visual)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	4 SAFE WATER MARKS	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
9	PULAU EDAM	05° 57' 30.0" LS 108° 50' 40.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	4 SAFE WATER MARKS	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
10	PULAU SEGAMA	05° 10' 10.0" LS 108° 08' 30" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 1 (Visual)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	4 SAFE WATER MARKS	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
11	PULAU BELUNGGUNG	05° 59' 30.0" LS 108° 33' 30.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Special Mark (Quadrant Area) / Tanda Khusus (Area Kuadrant)	White (Putih)	4 SAFE WATER MARKS	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
12	PULAU BELUNGGUNG	05° 59' 45.0" LS 108° 36' 30.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 1 (Visual)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
13	CANDONO	05° 59' 55.0" LS 107° 16' 40.0" BT	Lighthouse	Lantern Light	Helix (PFI Restricted area) Dipergunakan (PFI area terbatas)	Category 1 (Visual)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Special Mark (Mark Zebra) / Tanda Khusus (Zona Kuda Kuda)	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
14	PULAU BERANG	05° 49' 30.0" LS 107° 23' 30.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
15	PULAU MATEM	05° 59' 00.0" LS 107° 19' 40.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
16	TANJUNG MALOR	05° 12' 40.0" LS 108° 46' 30" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
17	PULAU BERANG	05° 21' 00.0" LS 107° 17' 20.0" BT	Lighthouse	Lantern Light	Helix (PFI Restricted area) Dipergunakan (PFI area terbatas)	Category 1 (Visual)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
18	PULAU TUBUS	05° 59' 30.0" LS 107° 11' 00.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
19	UJUNG BERANG	05° 59' 30.0" LS 108° 34' 24.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
20	PULAU EMPRES	05° 59' 30.0" LS 108° 22' 00.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
21	CEREBON	06° 42' 00.0" LS 108° 34' 24.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 1 (Visual)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
22	PULAU MANDIA	05° 22' 00.0" LS 107° 45' 00.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
23	PULAU BEBAR	05° 59' 00.0" LS 108° 8' 30.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
24	PULAU DADR	05° 8' 00.0" LS 108° 31' 00.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
25	PULAU BERANG	05° 19' 00.0" LS 107° 12' 00.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
26	PULAU BERANG	05° 59' 00.0" LS 107° 29' 30.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
27	PULAU LINDUNAS	05° 32' 00.0" LS 107° 37' 30.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
28	PULAU PASIBUT	05° 29' 50.0" LS 108° 50' 30.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial
29	PULAU BERU TU	05° 47' 00.0" LS 108° 42' 00.0" BT	Lighthouse	Lantern Light	Overlaid waters Penerapan Parsial	Category 2 (Dipancarkan / Peninggal)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Sea Water / Laut	White (Putih)	6 Not Applicable (n/a)	Not Applicable (n/a) / Tidak Berhala	Not Applicable (n/a) / Tidak Berhala	Overlaid waters Penerapan Parsial

1-A Summary Table for Planned AtoN

10 DISNAV Cilacap

No	Area	Planned AtoN						Reference (Purpose)
		No	Name	Location		Type		
				Latitude	Longitude			
1	Garut	1	Sentolo Pamengpeuk	07° 39' 44.0" S	107° 40' 53.1" E	Lighted Beacon	Medium-range Light	
2	Bsbadan	1	Babadan	07° 25' 22.12" S	106° 39' 36.78" E	Lighted Beacon	Medium-range Light	

1-B Outline Map of Planned AtoN

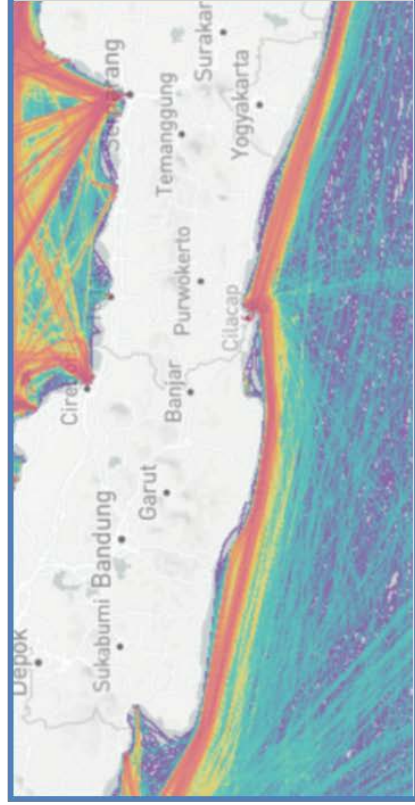
10 Cilacap (III)

Planned AtoN

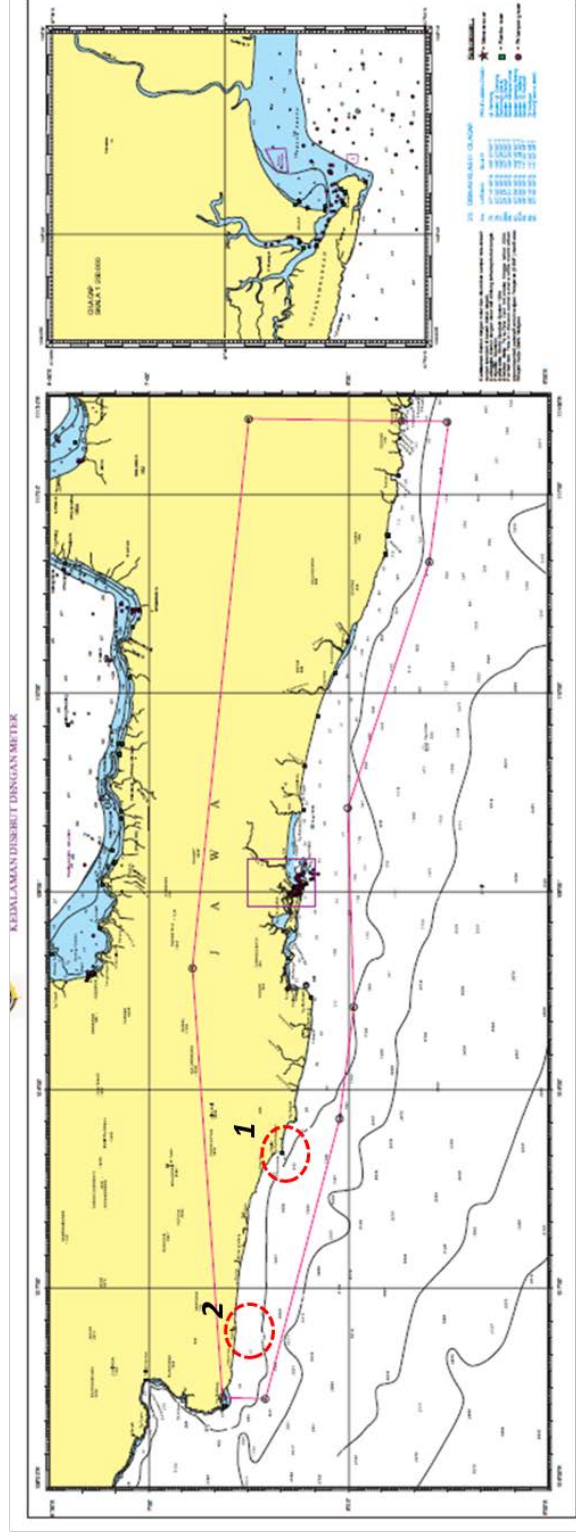
(L.B : Lighted Beacon)

- 1 Sentolo Pamengpeuk (L.B)
- 2 Babadan (L.B)

1 (07° 39'44.00"S 107° 40'53.10"E)
2 (07° 25'22.12"S 106° 39'36.78"E)



Planned AtoN

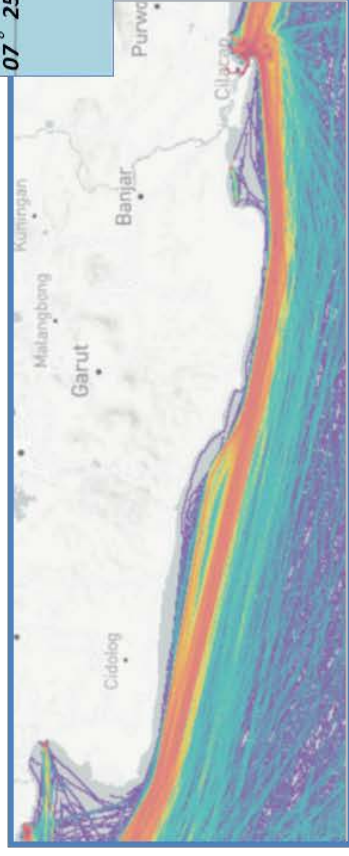


10 Cilacap (III)

Planned Aton

- 1 Sentolo Pamengpeuk (L.B)
- 2 Babadan (L.B)

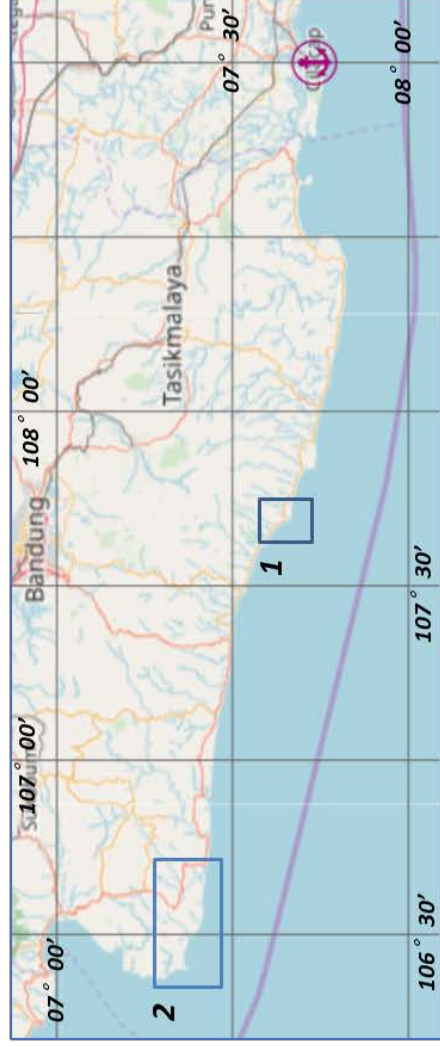
1 (07 ° 39'44.00" S 107 ° 40' 53.10" E)
2 (07 ° 25'22.12" S 106 ° 39' 36.78" E)



2 Babadan



1 Sentolo Pamengpeuk

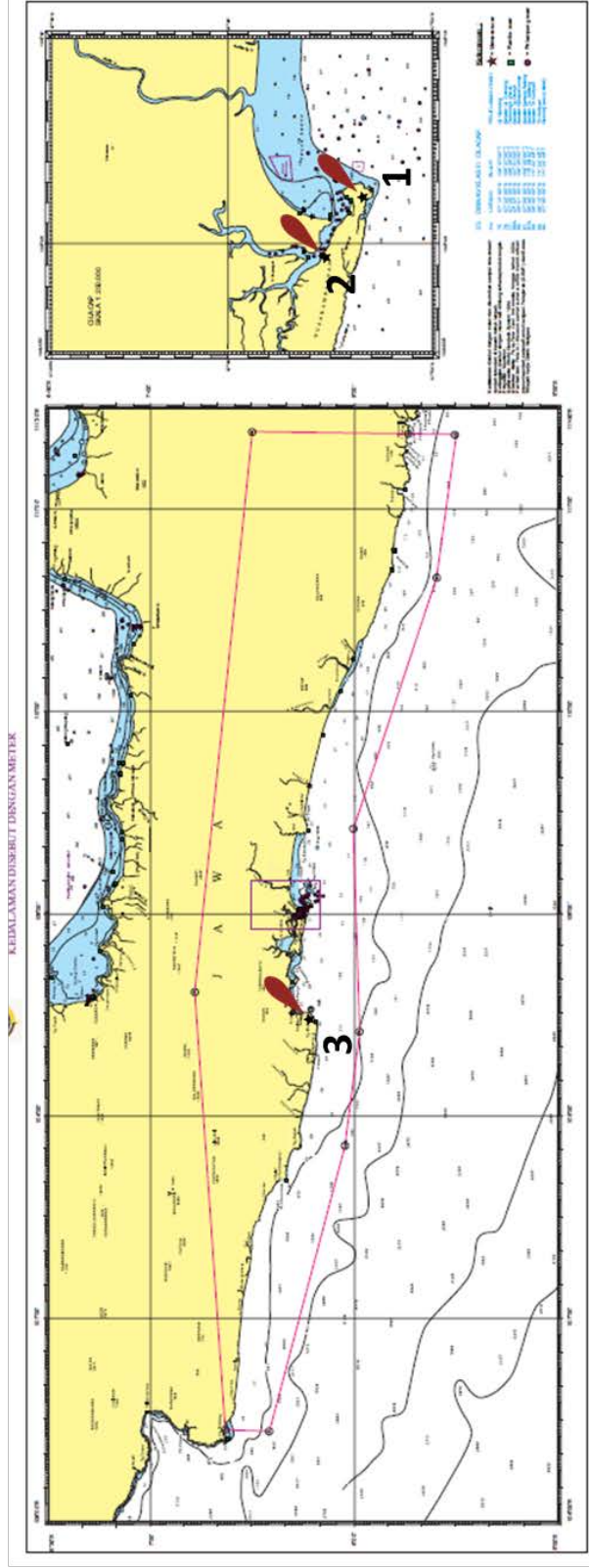
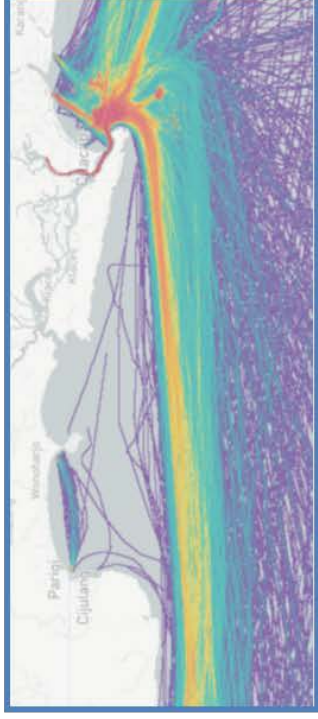
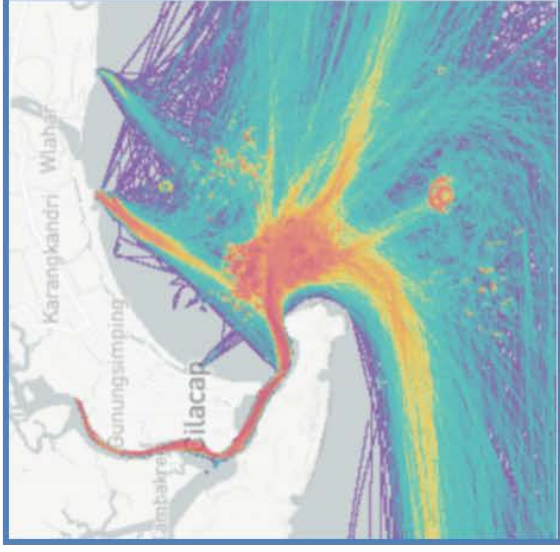


1-B Existing AtoN (Lighthouse)

10 Cilacap (III)

Existing AtoN (Lighthouse)

- 1 Cimiring
- 2 Tg. Sodong
- 3 Legok Jawa

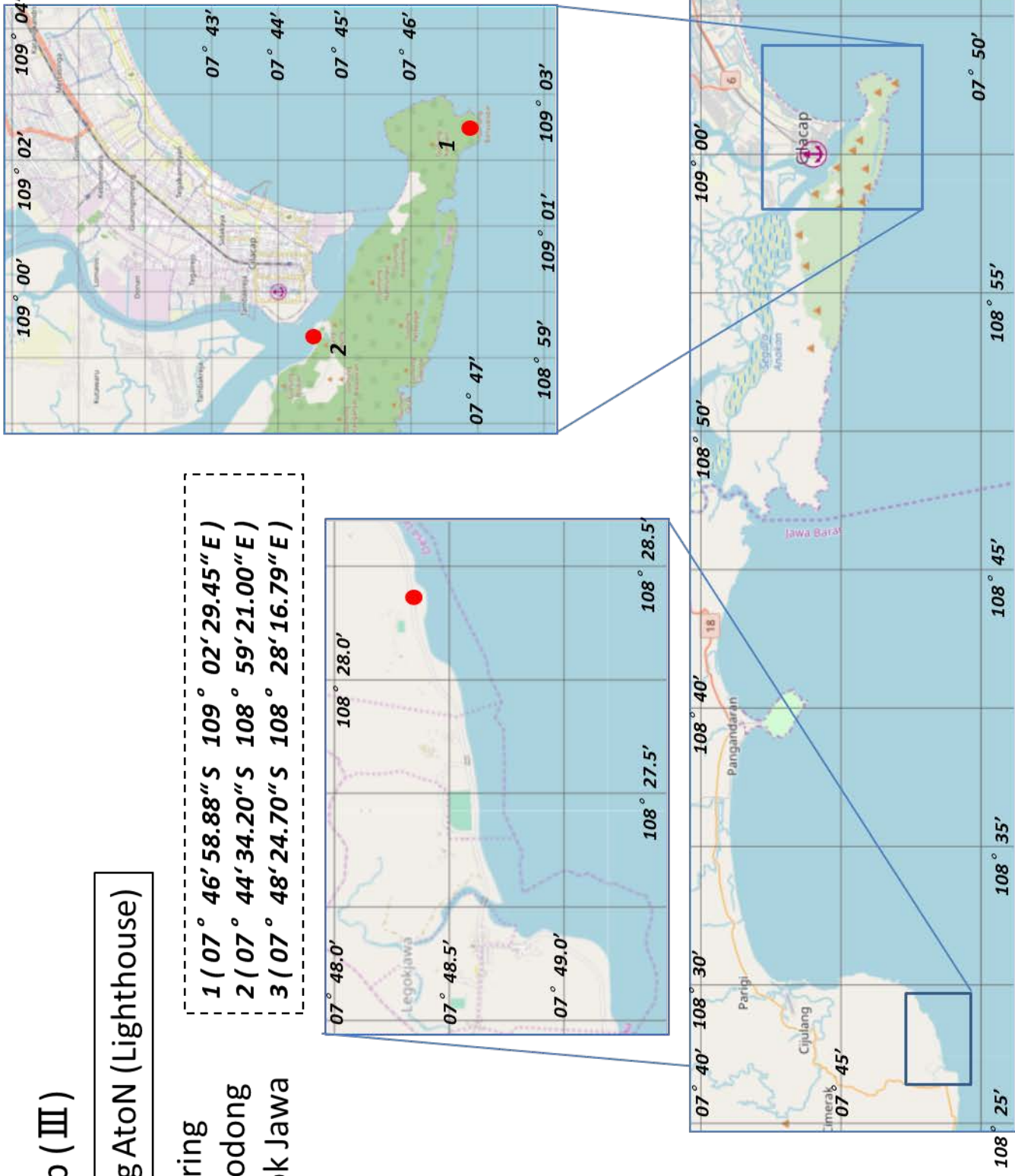


10 Cilacap (III)

Existing AtoN (Lighthouse)

- 1 Cimiring
- 2 Tg. Sodong
- 3 Legok Jawa

1 (07° 46' 58.88" S 109° 02' 29.45" E)
2 (07° 44' 34.20" S 108° 59' 21.00" E)
3 (07° 48' 24.70" S 108° 28' 16.79" E)



Sheet 2 Reporting Format for List of Existing AtoN
Lembar 2 (Format Pelaporan Daftar AtoN yang telah ada)

Name of Sea Area / Port
 Nama Lokasi / Pelabuhan

: Fill Out (Diisi)

District

: Cilacap (10)

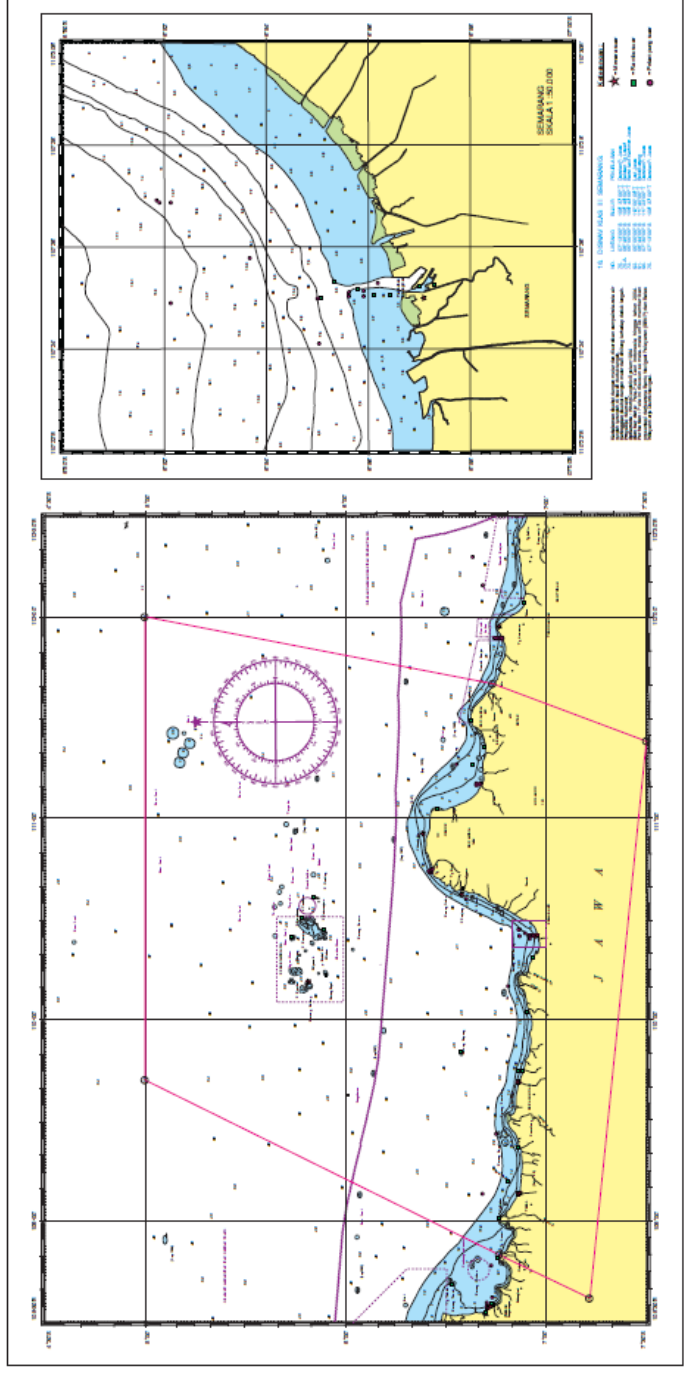
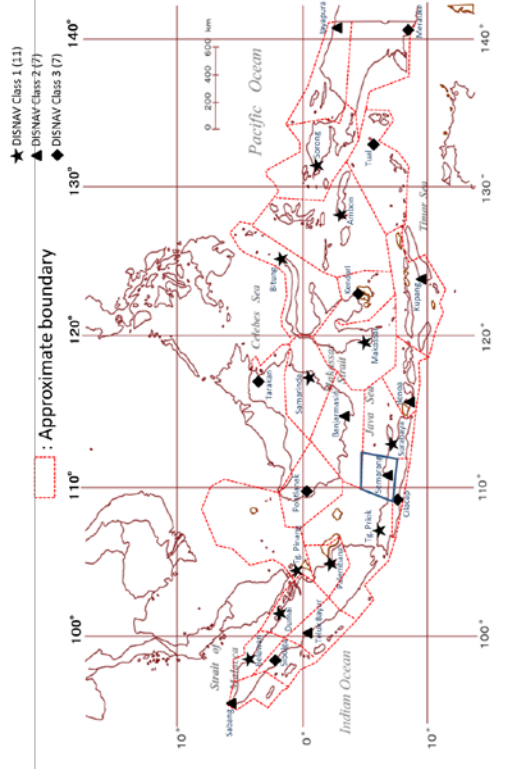
Chart No (Name)

: Fill Out (Diisi)

Reference Number (Nomor Referensi)	Location (Fill out) / Lokasi (Diisi)		Aid (Type dan Spesifikasi Alet Bantu)		Category (Kategori)		Type of Marks (Tipe dan Tanda)					Remarks (Catatan)	
	Name of AtoN (Nama AtoN)	Position (Posisi)	Type (*)	Specification (*)	Sea Area (*) (Area Laut)	Significance (*) (Signifikansi)	Latency (*) (Latensi)	Cardinal (*) (Kardinal)	Special (*) Khusus	Light Color (*) (Warna Lampu)	Top Mark		
											Category (*) (Kategori)		Shape (*) (Bentuk)
1	Cirifring	Longitude Garis Bujur 07°46'58.88" S Latitude Garis Lintang 108°02'25.45" T	Lighthouse	Long-range Light	Compsted area (Area Padat)	Category 1 (Visual)	Not Applicable (nie) (Tidak Beraku)	Not Applicable (nie) (Tidak Beraku)	Not Applicable (nie) (Tidak Beraku)	White (Putih)	6 Not Applicable (nie) / Tidak beraku		
2	Tg. Soorng	Longitude Garis Bujur 07°46'58.2" S Latitude Garis Lintang 108°58'21.0" T	Lighthouse	Long-range Light	Compsted area (Area Padat)	Category 1 (Visual)	Not Applicable (nie) (Tidak Beraku)	Not Applicable (nie) (Tidak Beraku)	Not Applicable (nie) (Tidak Beraku)	White (Putih)	6 Not Applicable (nie) / Tidak beraku		
3	Lagoh Jawa	Longitude Garis Bujur 07°48'21.7" S Latitude Garis Lintang 108°26'15.75" T	Lighthouse	Long-range Light	Compsted area (Area Padat)	Category 1 (Visual)	Not Applicable (nie) (Tidak Beraku)	Not Applicable (nie) (Tidak Beraku)	Not Applicable (nie) (Tidak Beraku)	White (Putih)	6 Not Applicable (nie) / Tidak beraku		

11 DISNAV Semarang

Outline of DISNAV Service Area

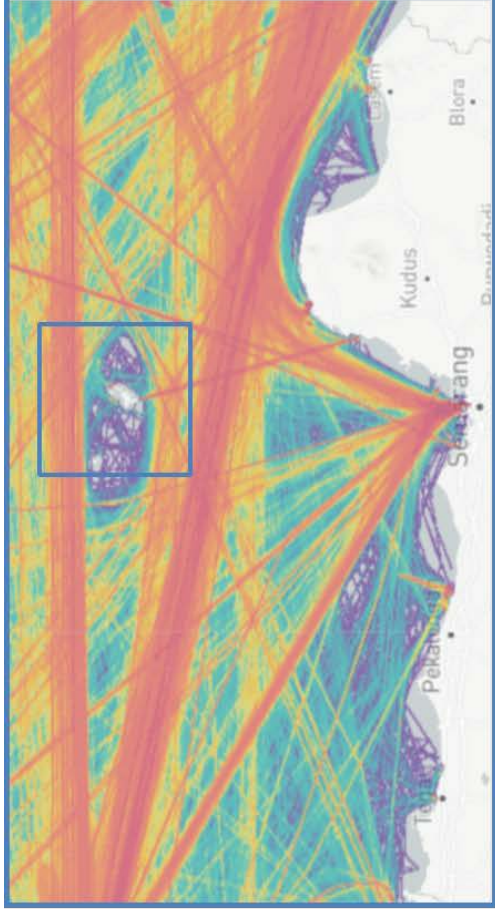


1-A Summary Table for Nominated Area

11 DISNAV Semarang

No	Area	Planned AtoN					Reference (Purpose)
		No	Name	Location		Type	
				Latitude	Longitude		
1	Logon Bajak	1	-----	-----	-----	Lighted Buoy	
		2	-----	-----	-----	"	
		3	-----	-----	-----	"	
		4	-----	-----	-----	"	
2	Kalimunjawa	1	-----	-----	-----	Lighted Beacon	
		2	-----	-----	-----	"	
		3	-----	-----	-----	"	
		4	-----	-----	-----	"	

1-B Outline Map of Nominated Area

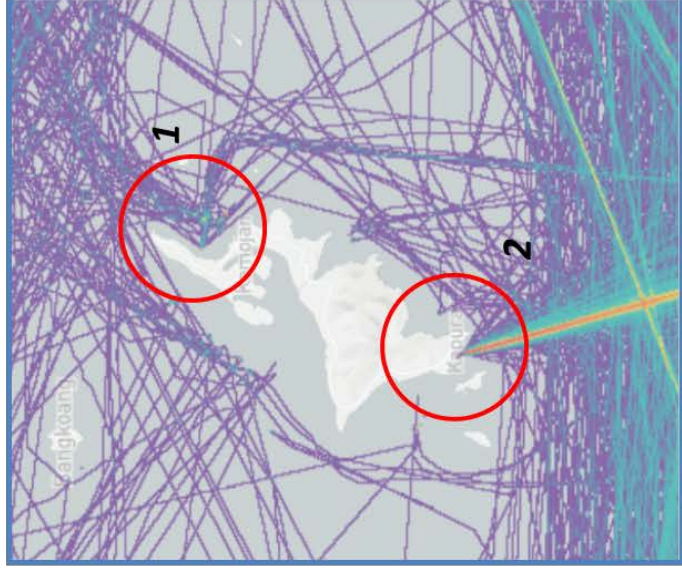
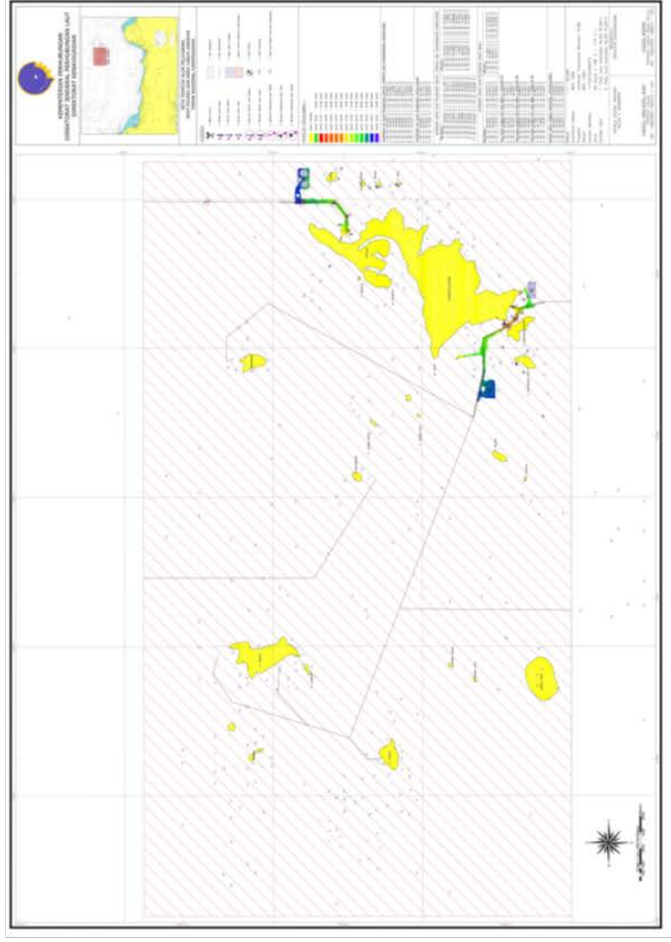


11 Semarang

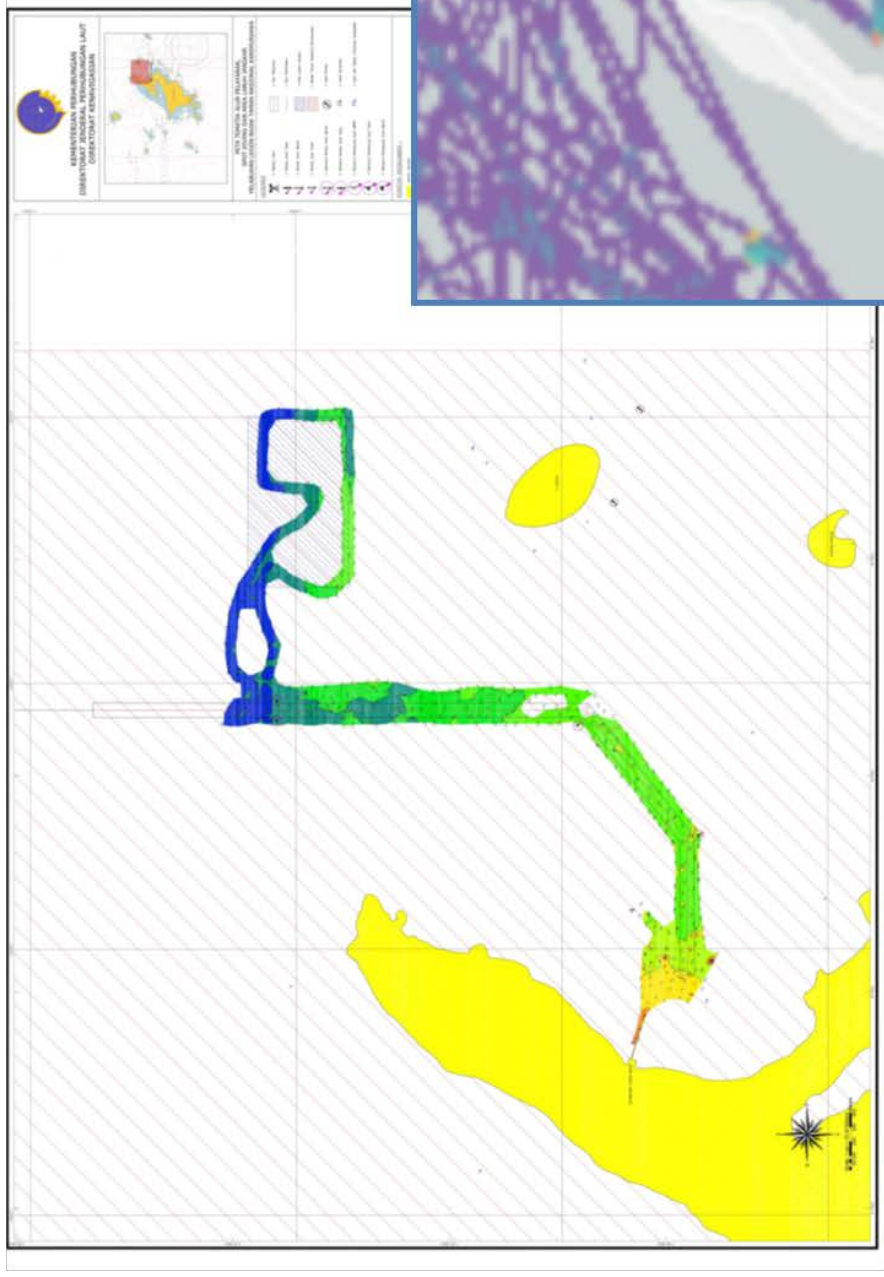
Traffic Rout and Planned Aton

Pulau Karimunjawa

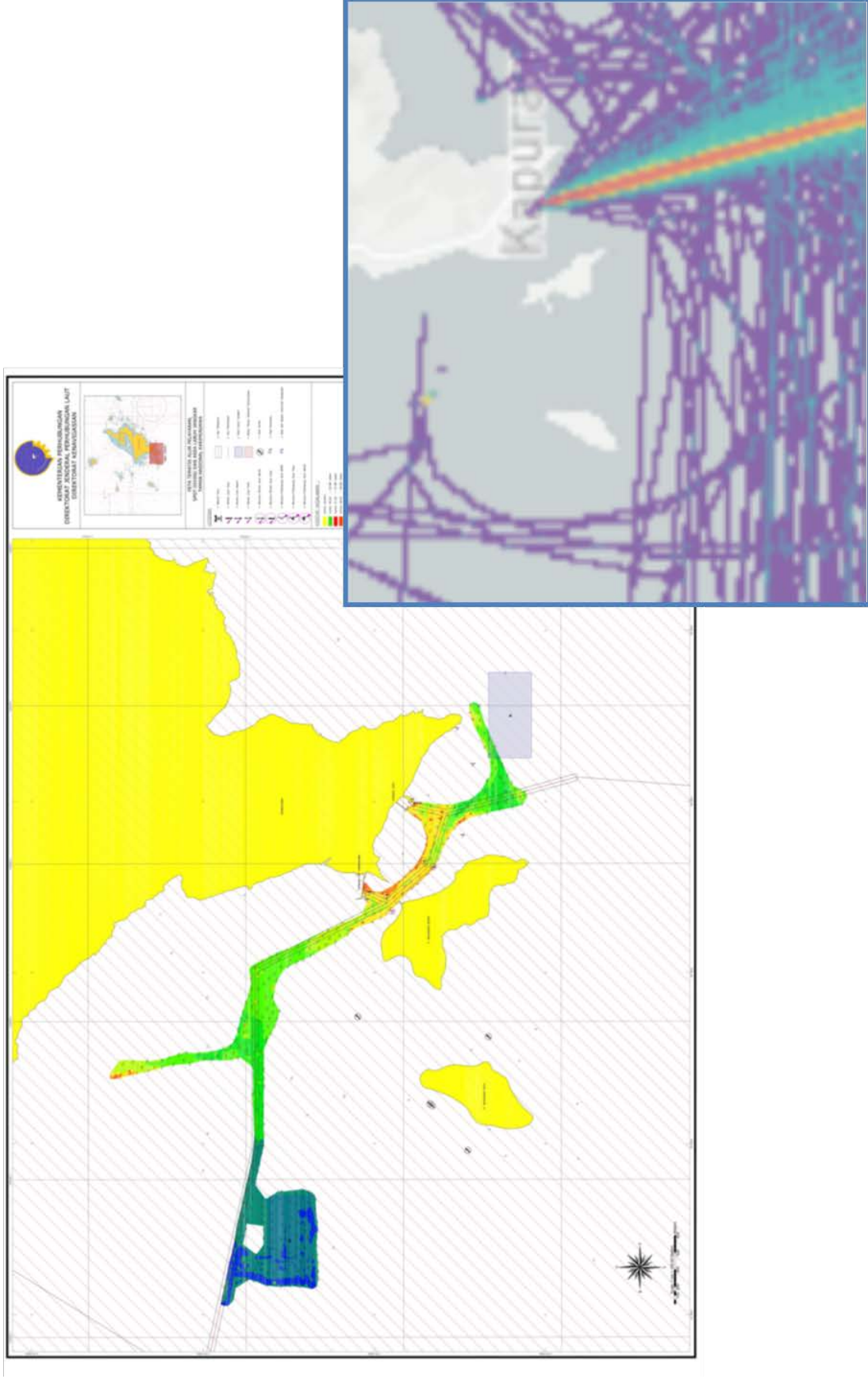
- 1 Logon Bajak
- 2 Kalimunjawa



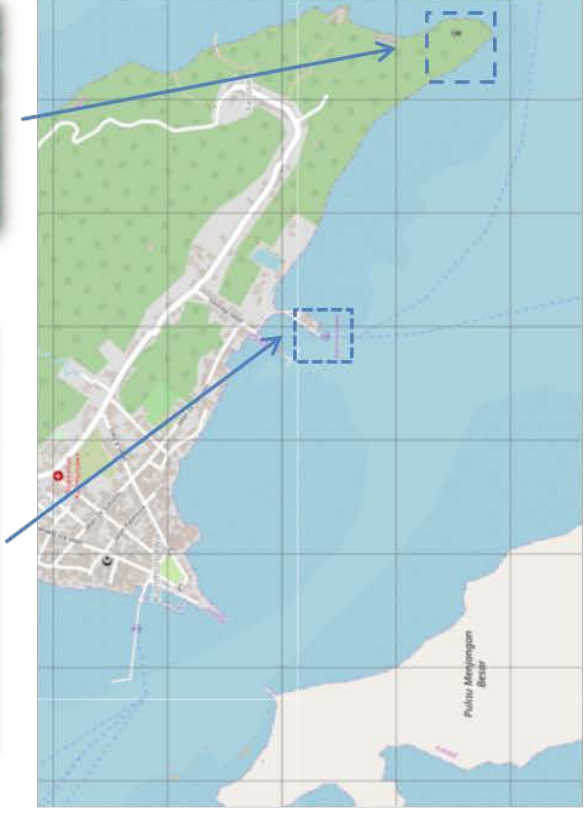
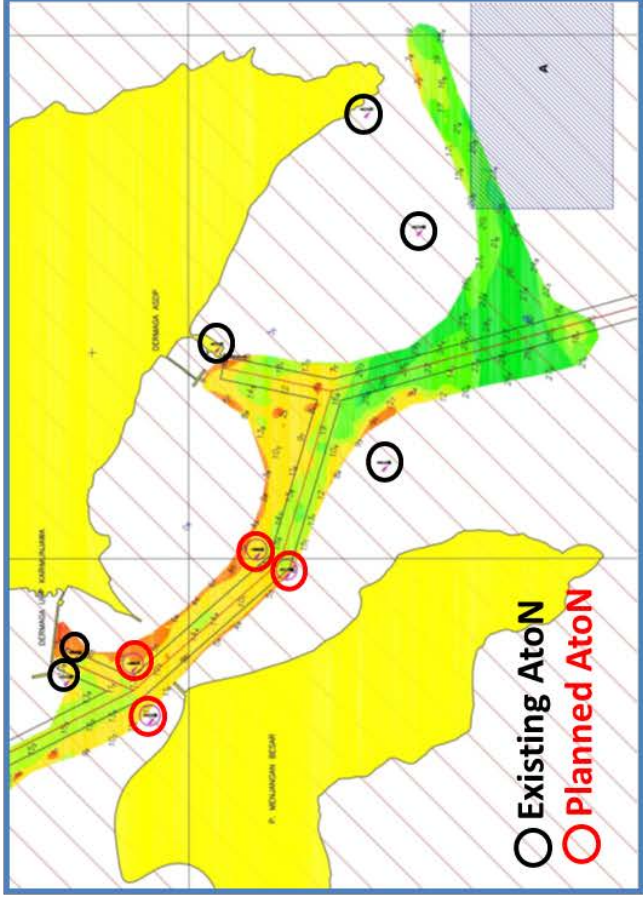
1 PELABUHAN Logon Bajak



2 PELABUHAN Kalimunjawa

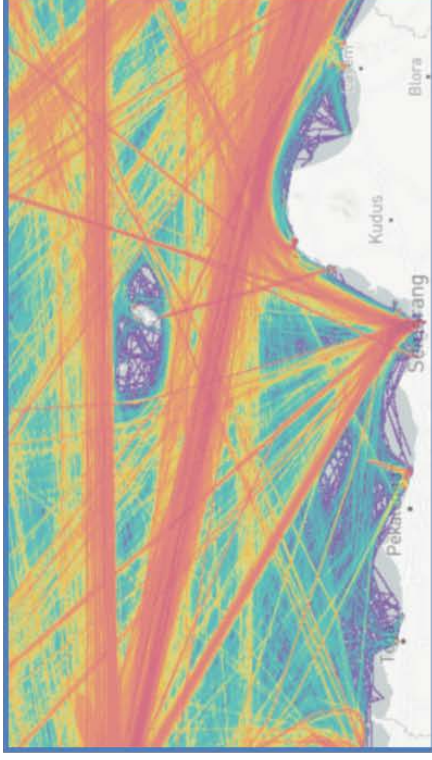


2 PELABUHAN Kalimantan



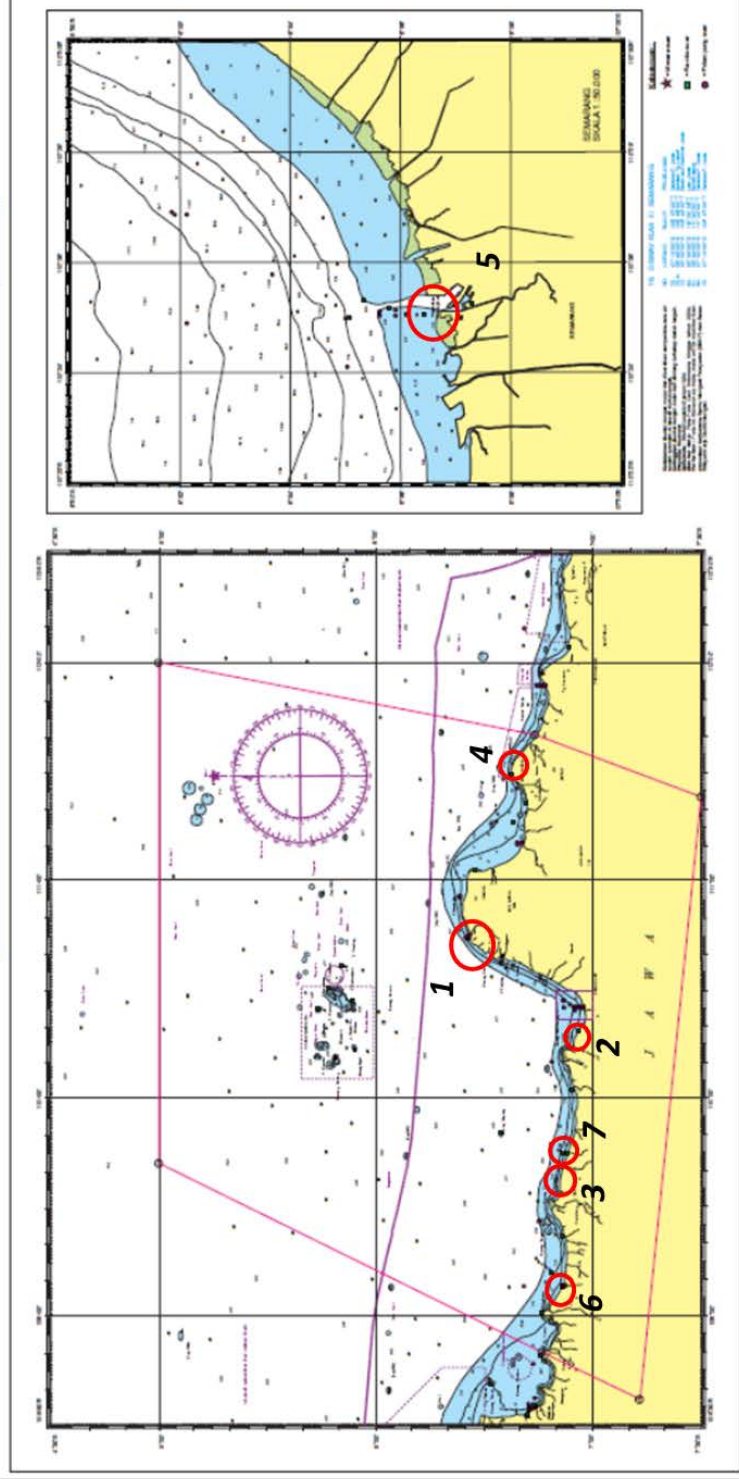
1-B Outline Map of Existing Traffic Route

11 Semarang

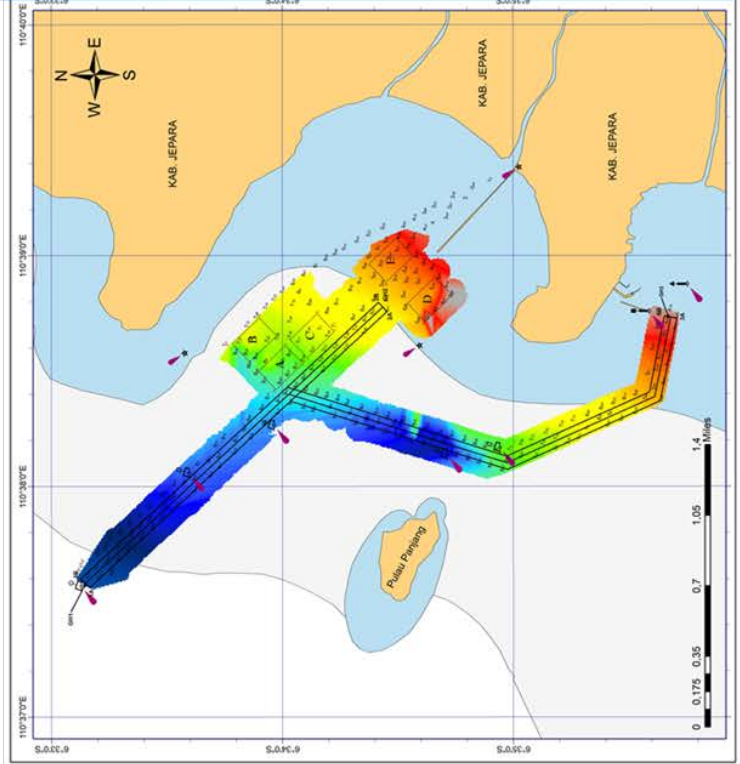
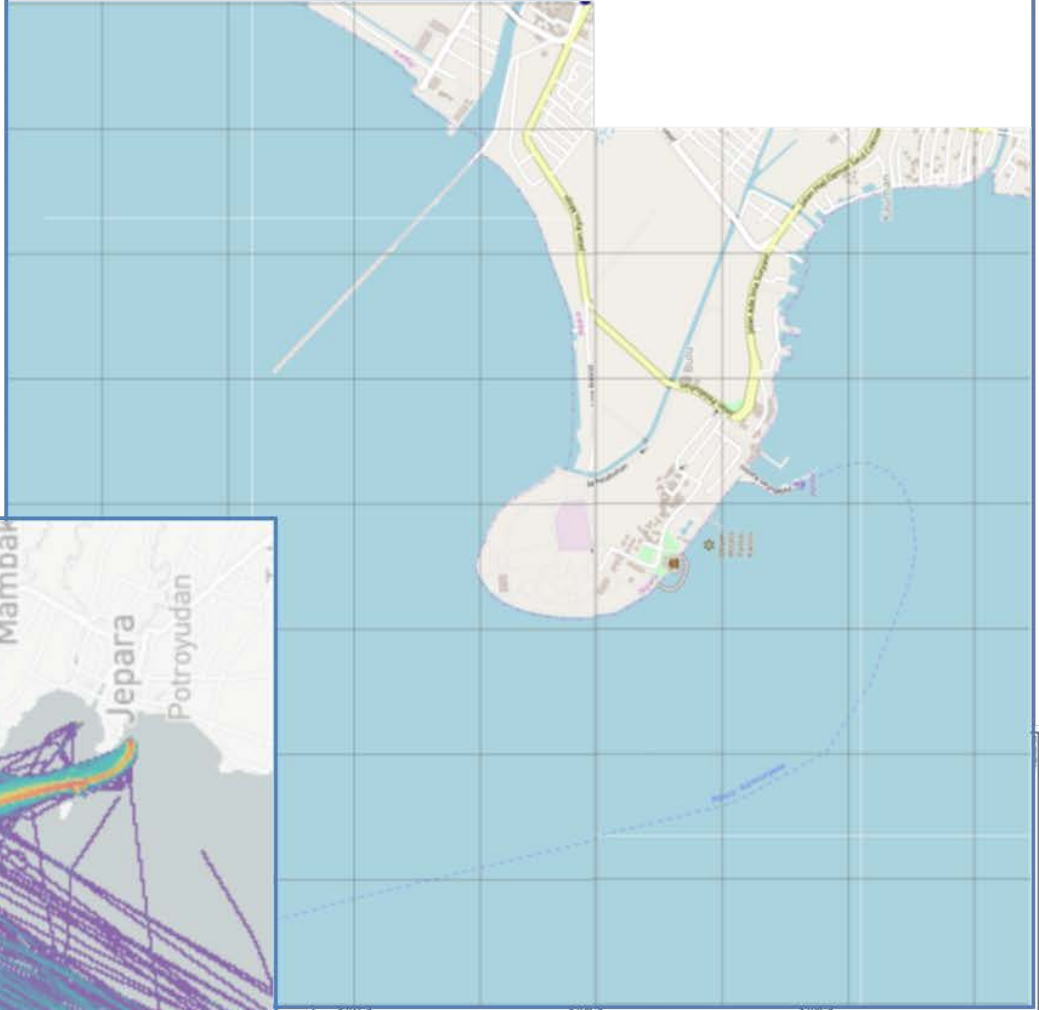
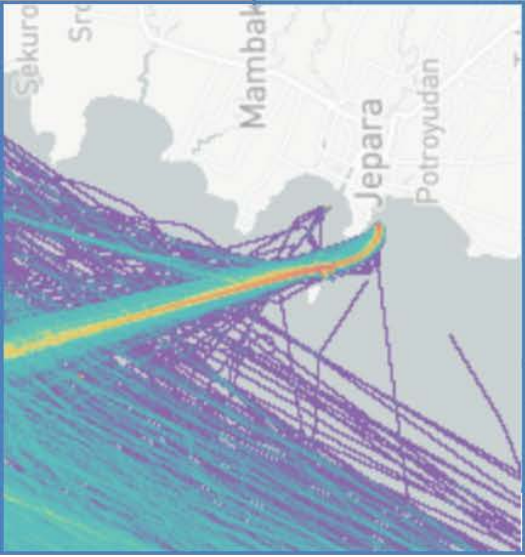
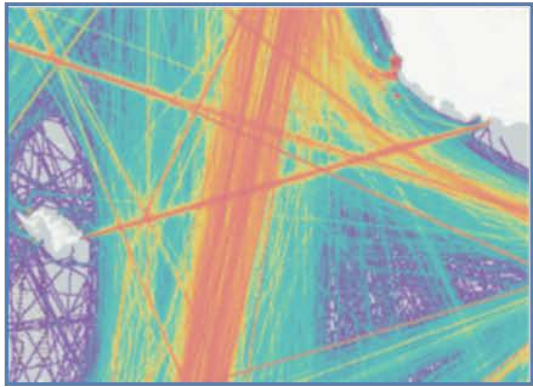


Traffic Rout and Aton

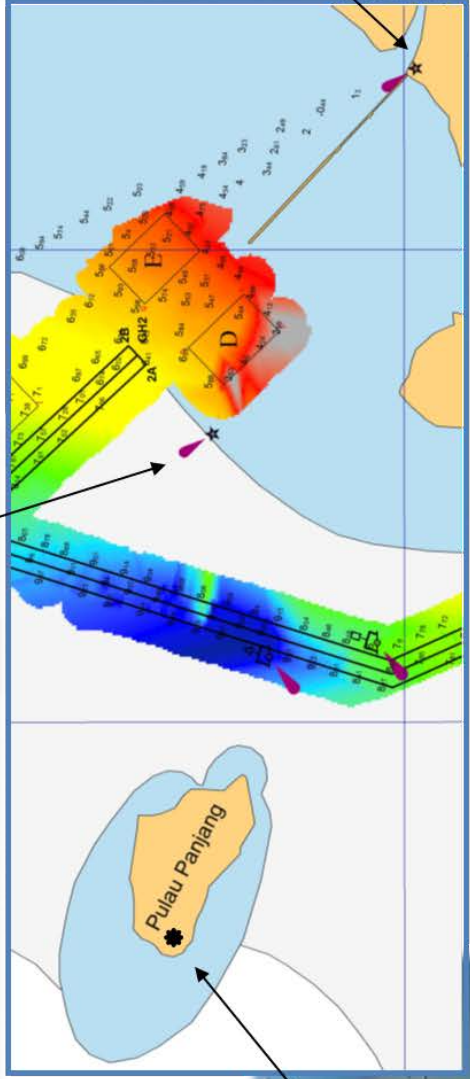
- 1 Jepara
- 2 Kendal
- 3 Pekalongan
- 4 Rembang
- 5 Semarang
- 6 Tegal
- 7 Batang



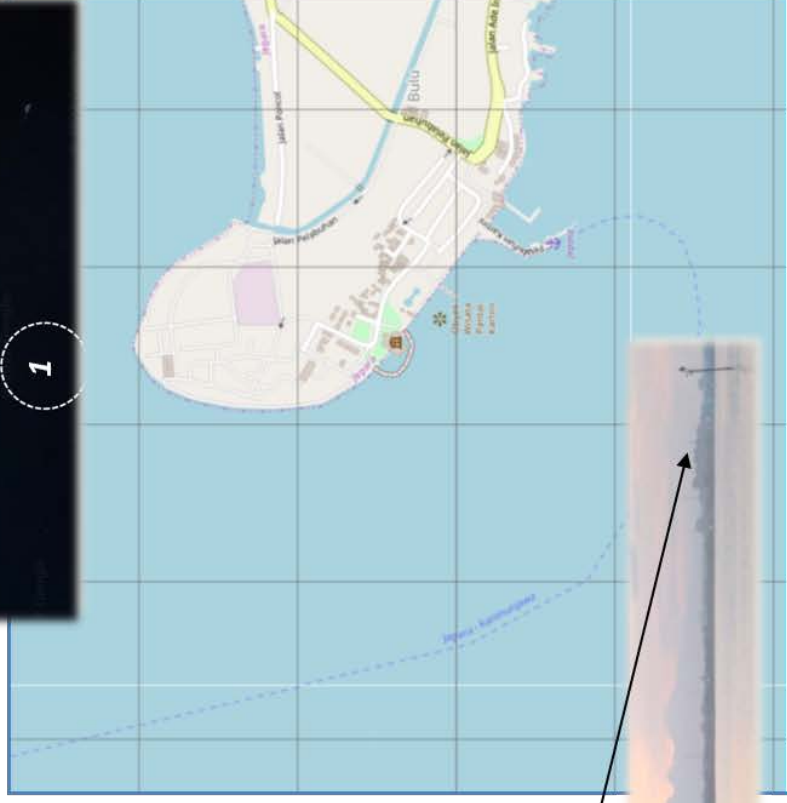
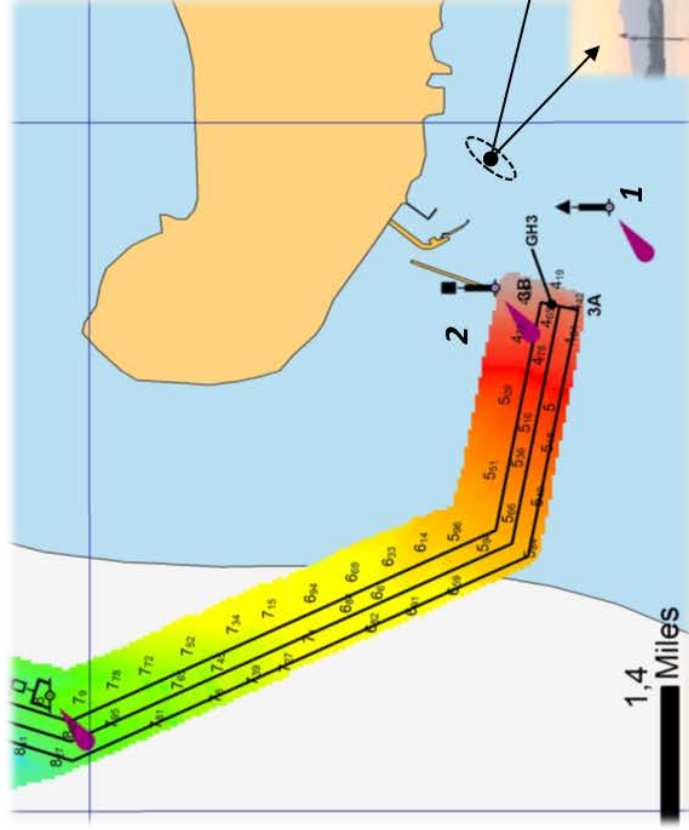
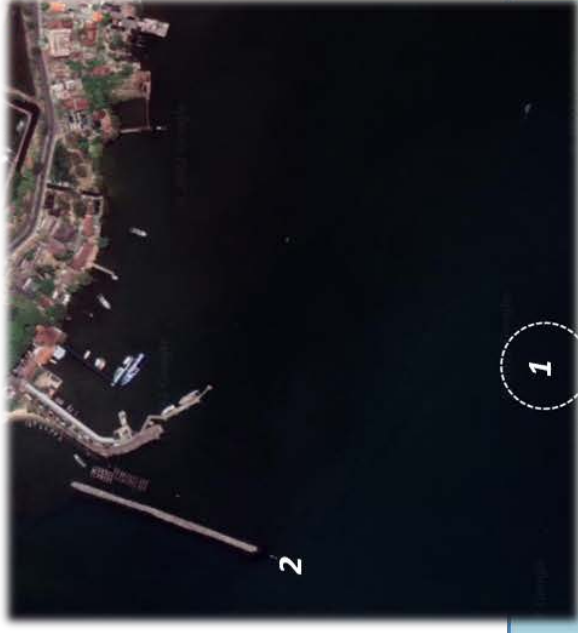
1 Jepara



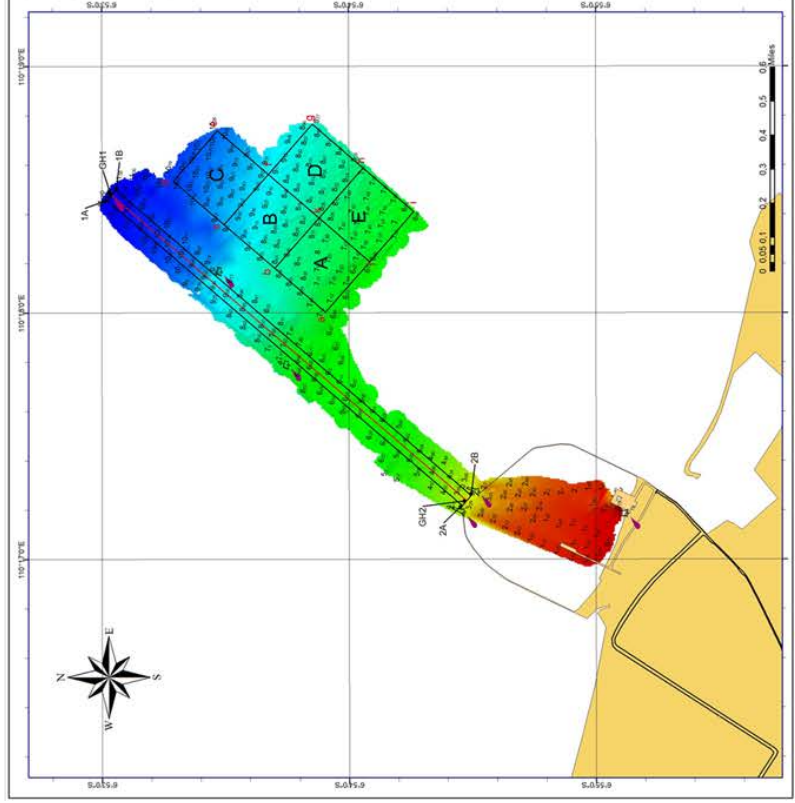
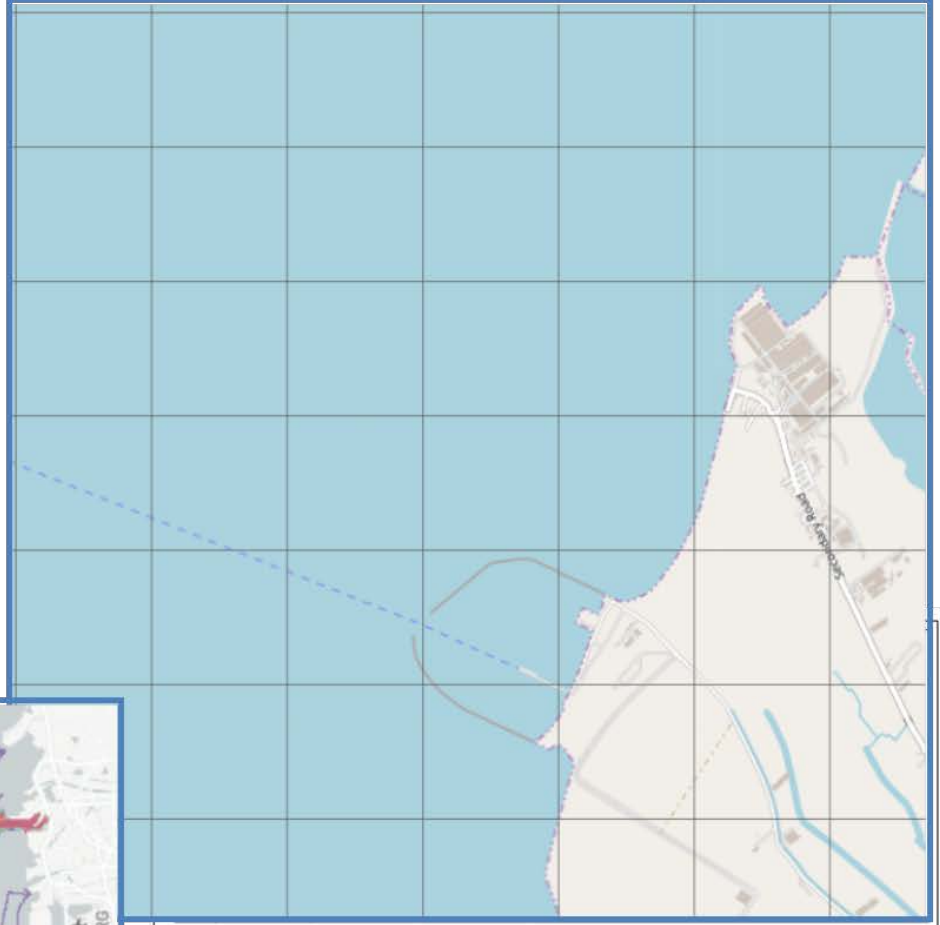
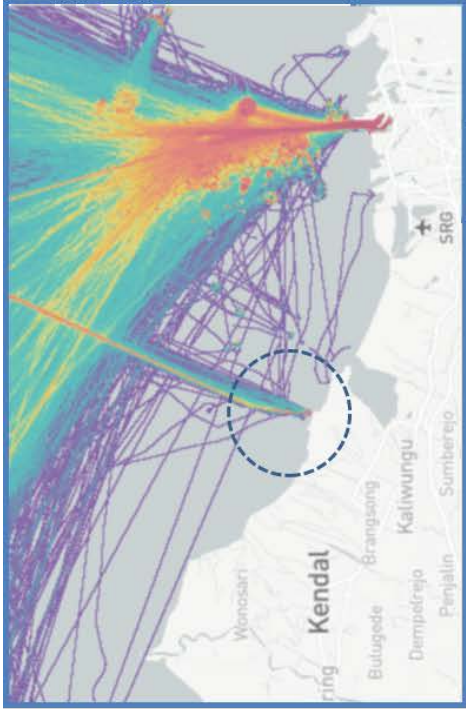
1 Jepara



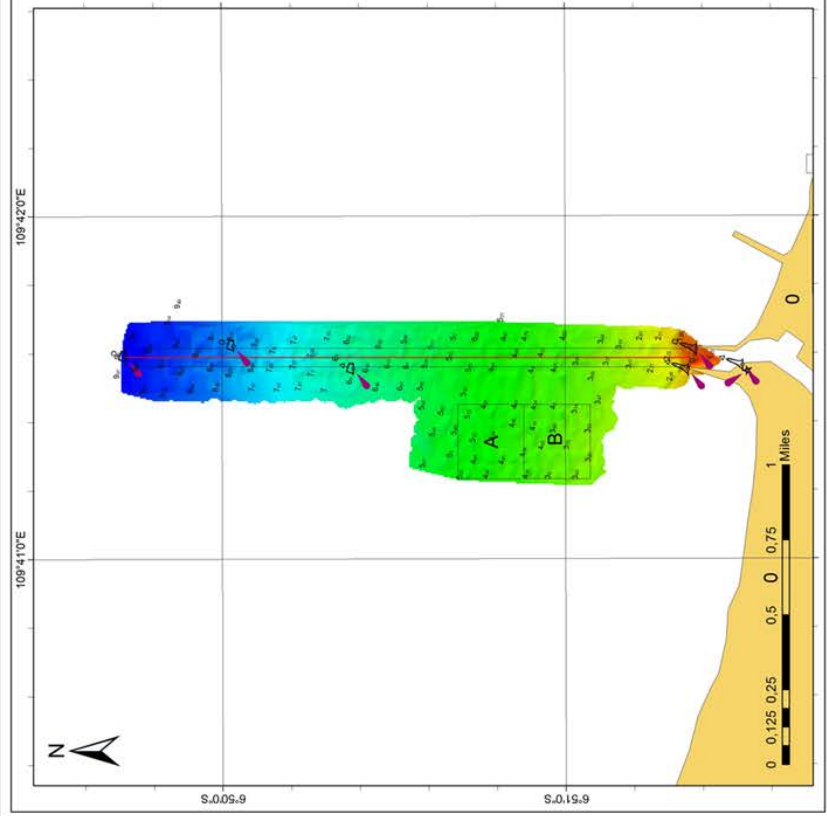
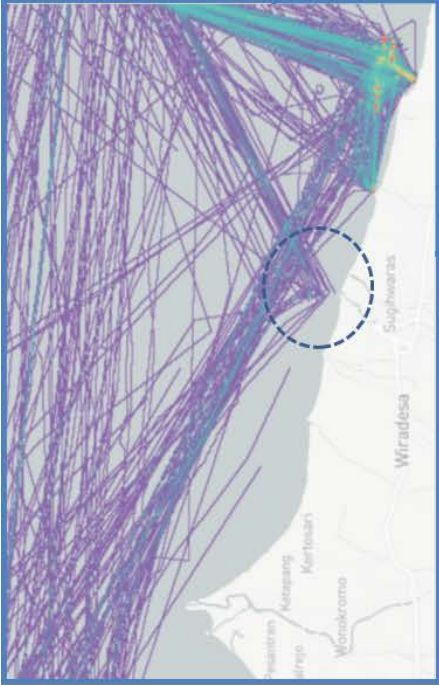
1 Jepará



2 Kendal



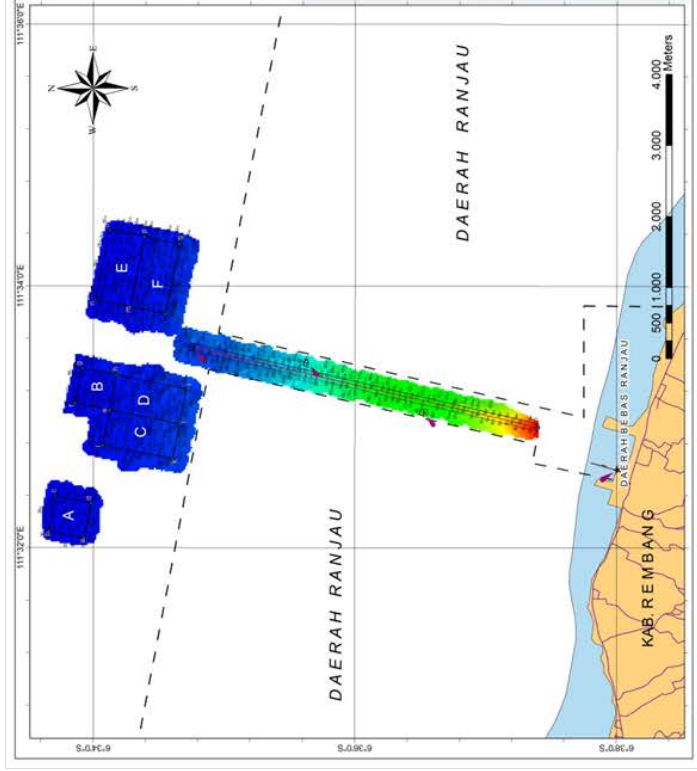
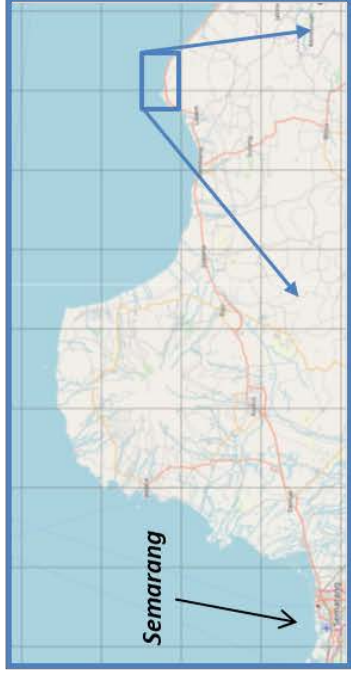
3 Pekalongan



3 Pekalongan



4 Rembang



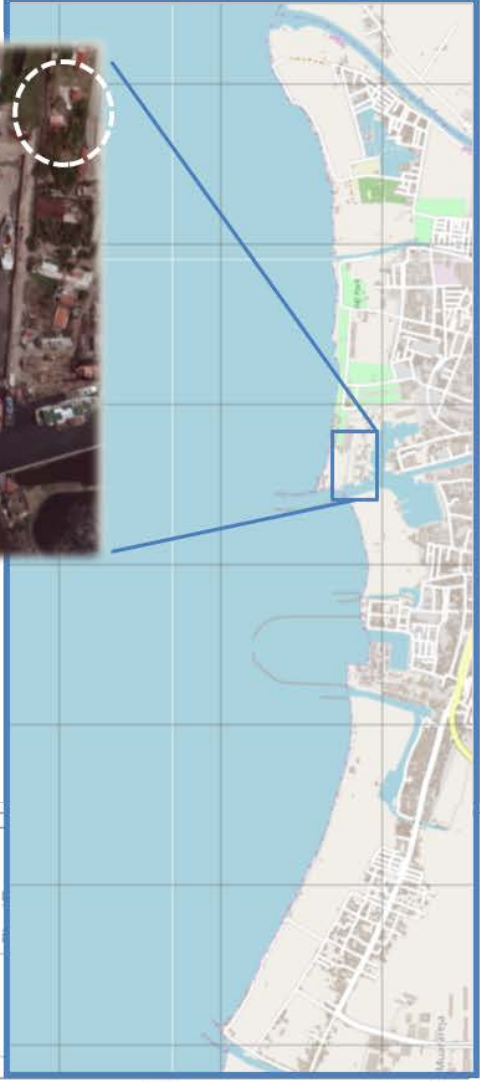
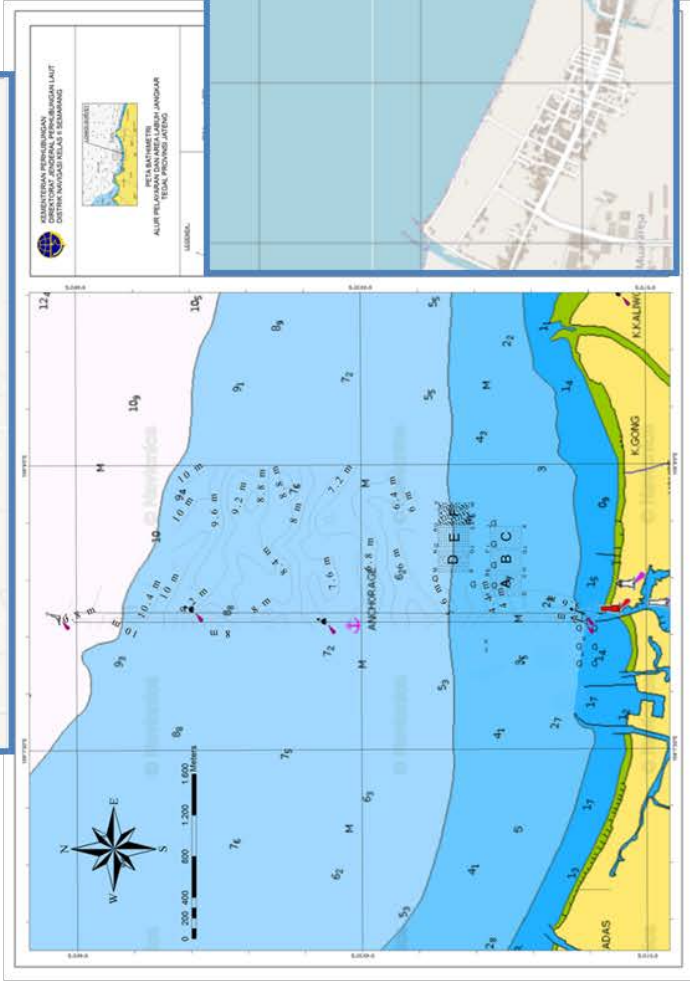
4 Rembang



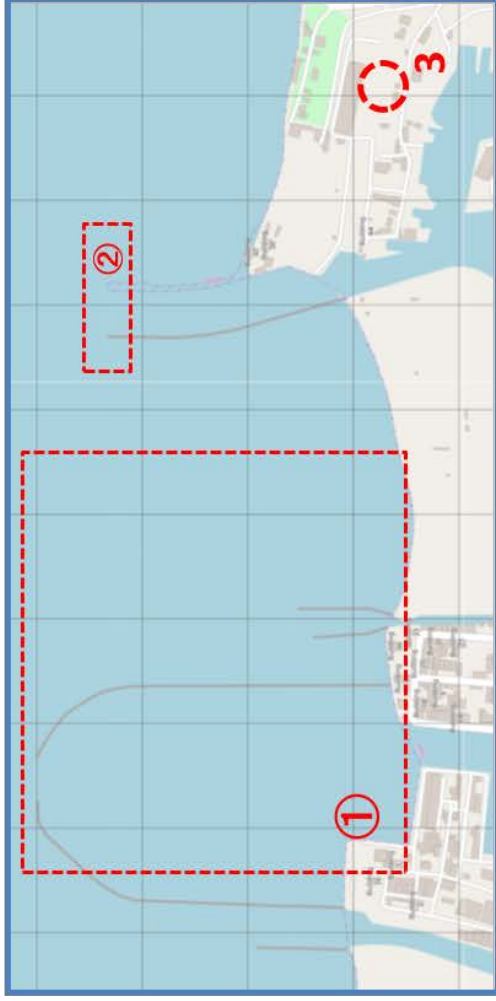
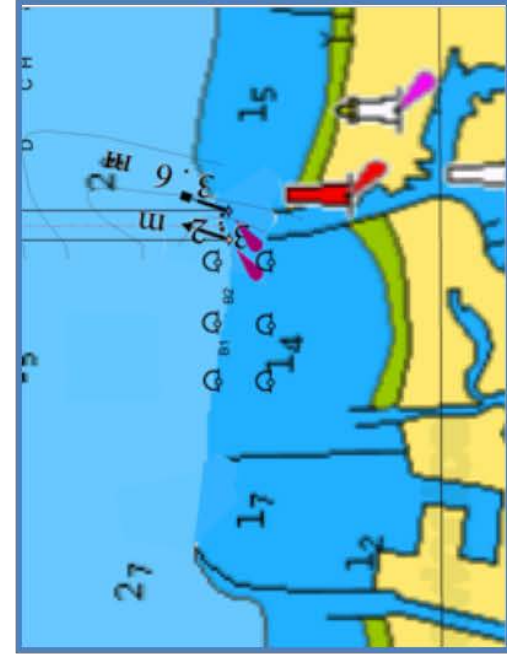
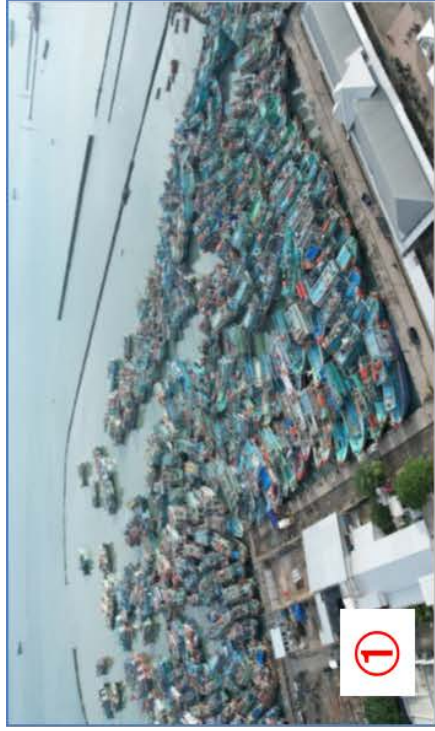
5 Semarang



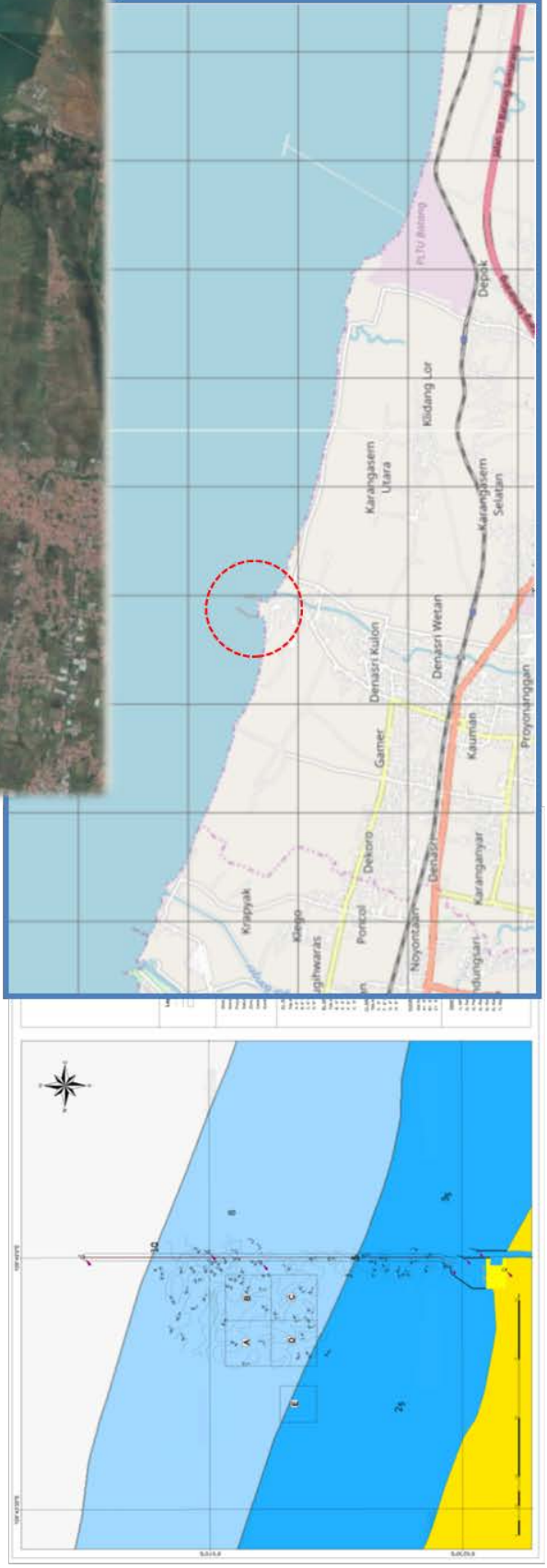
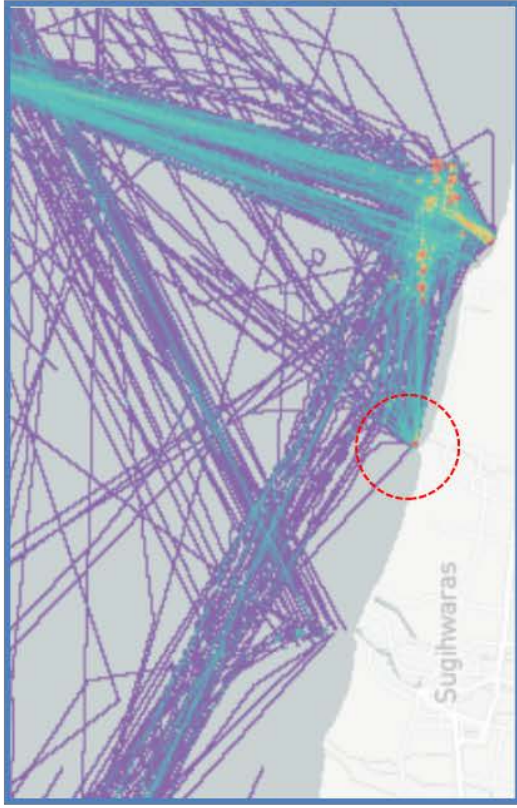
6 Tegal



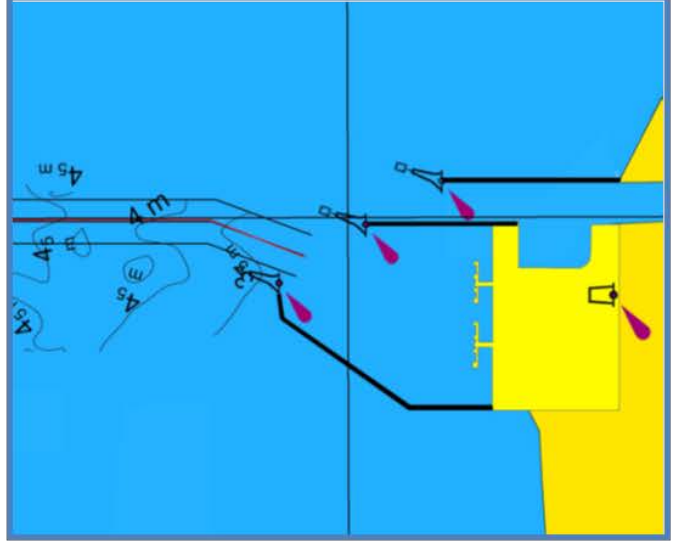
6 Tegal



7 Batang



7 Batang



1-A Summary Table for Nominated Area

12 DISNAV Surabaya

No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
1	Mandangin	Coastal Waters	-----	-----	Menghindari kapal kandas

1-B Outline Map of Nominated Area

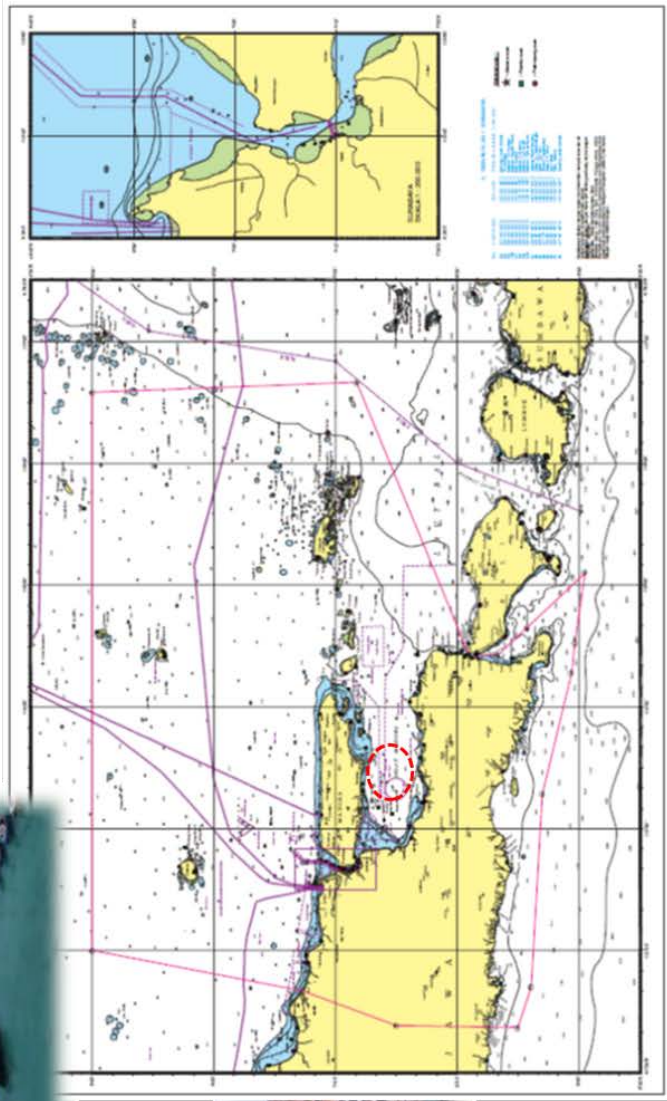
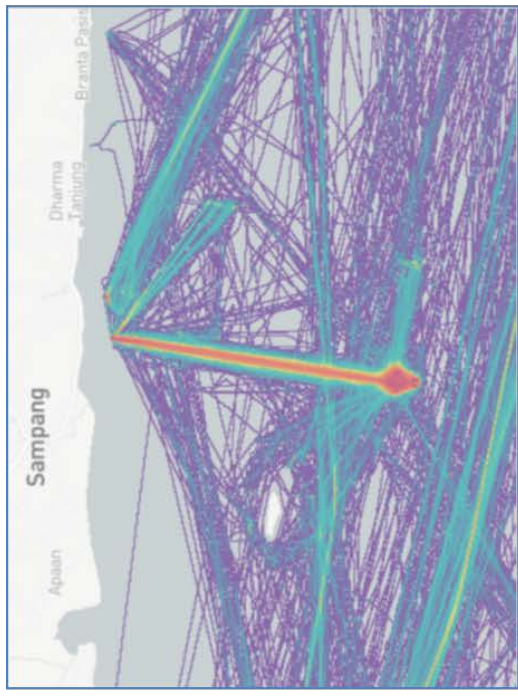
12 Surabaya (I)

Nominated Area (Innovation)

1 Mandangin



PULAU MANDANGIN



11 Surabaya

Mandangin



Pulau Mandangin



Menghindari kapal kandas

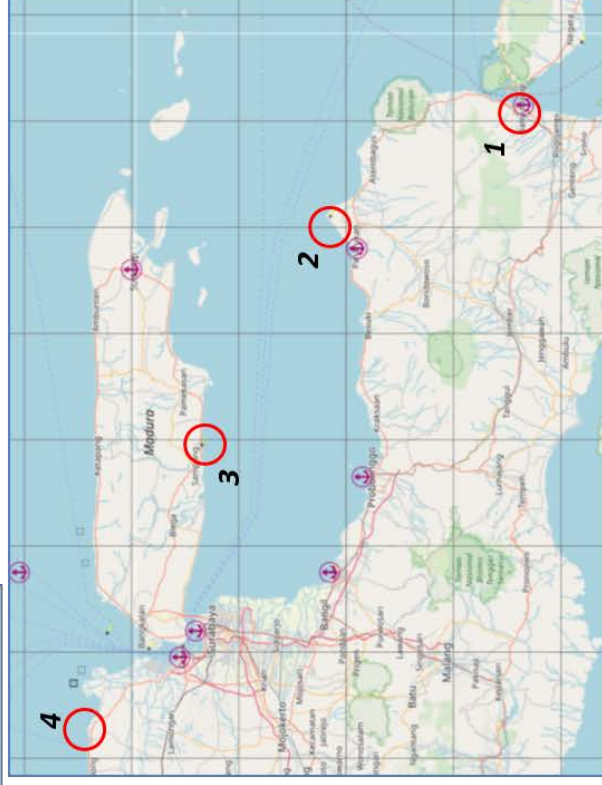
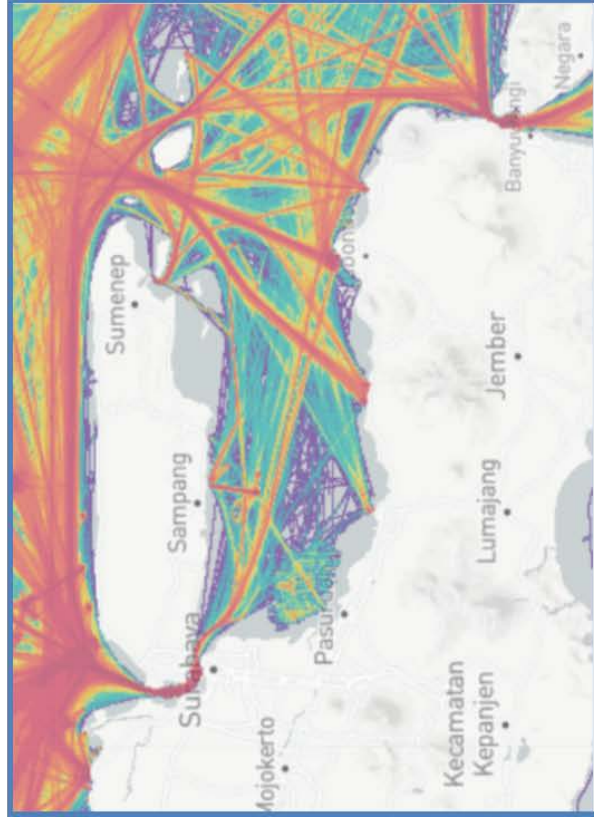
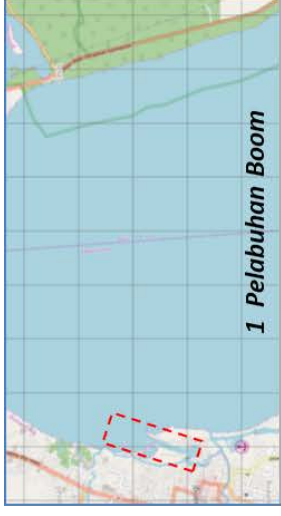
(Avoid the ship aground)

1-B Outline Map of Existing Traffic Route

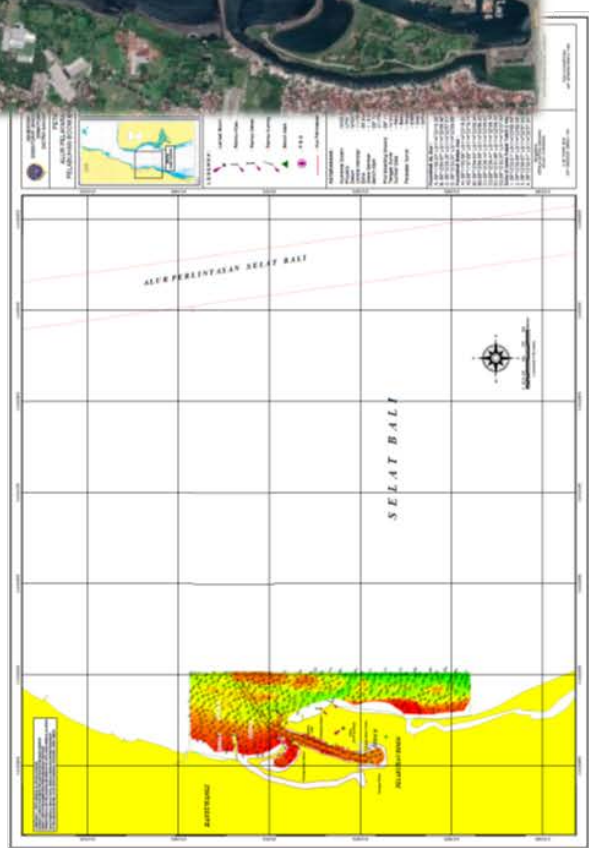
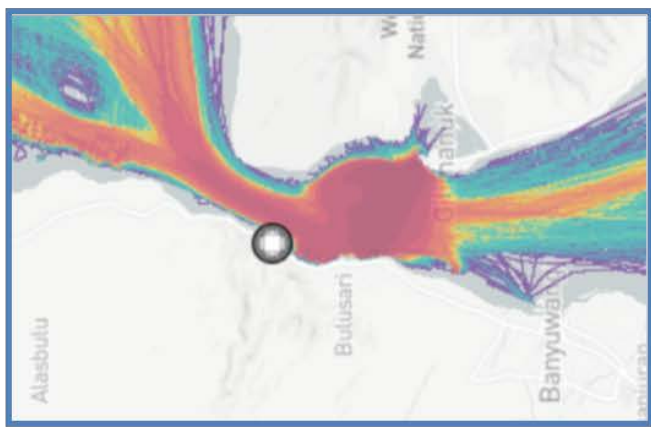
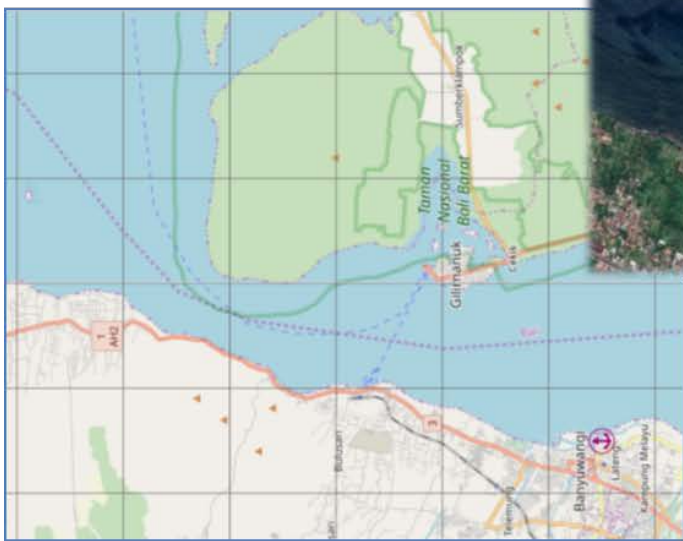
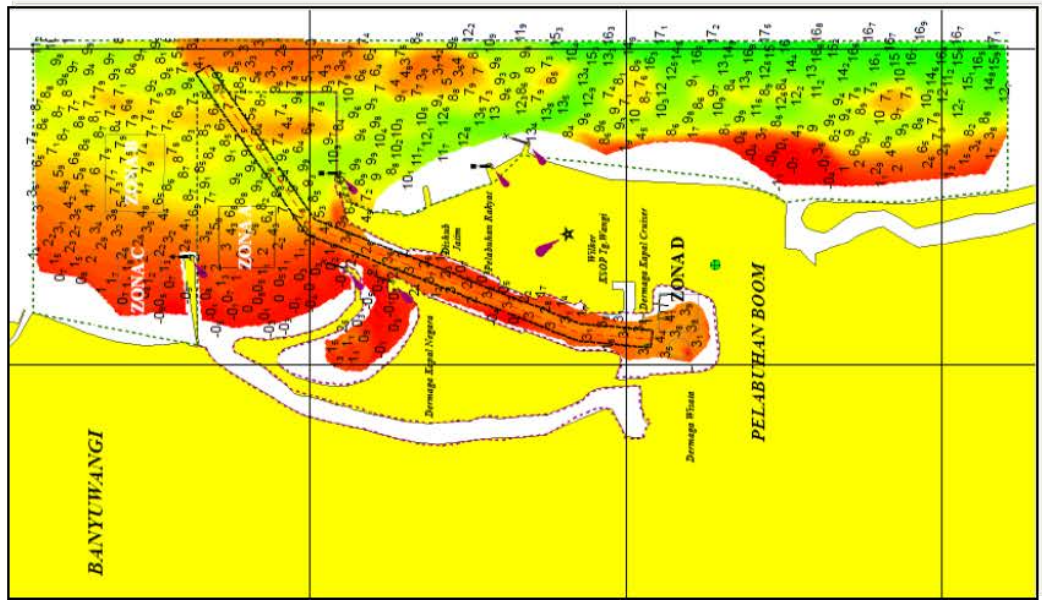
12 Surabaya

Existing Traffic Rout

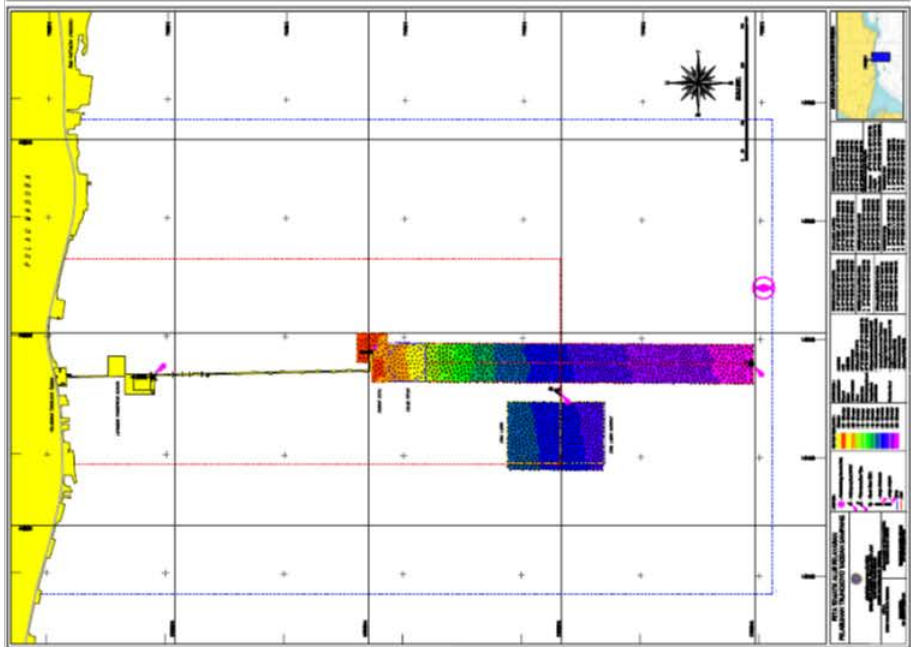
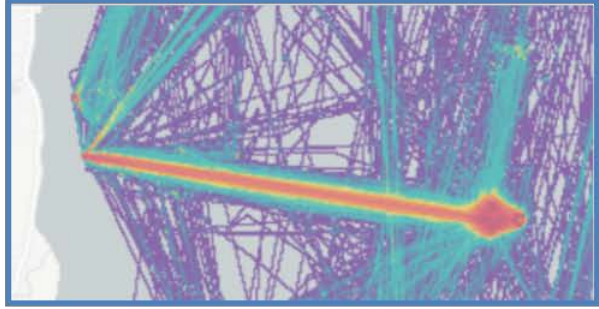
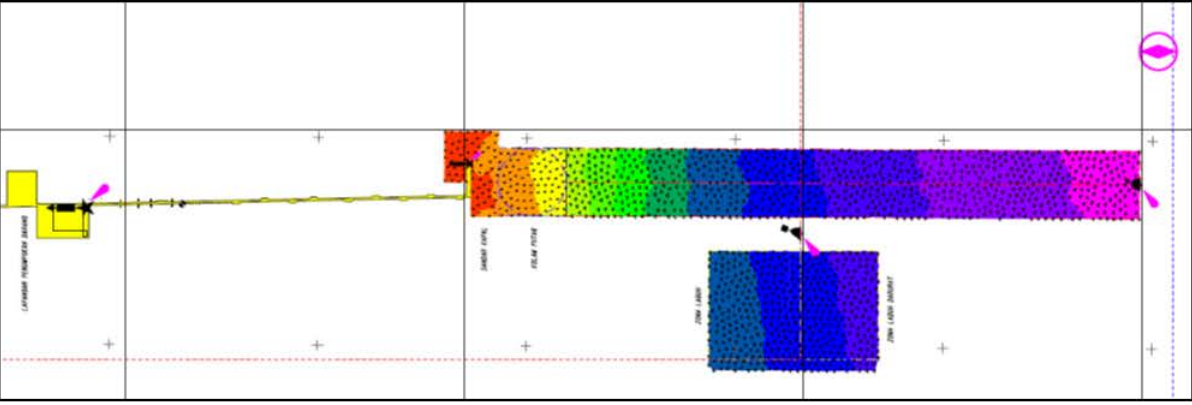
- 1 Pelabuhan Boom
- 2 Pelabuhan Kalbut
- 3 Pelabuhan Taddan
- 4 Pelabuhan Tanjung Pakis



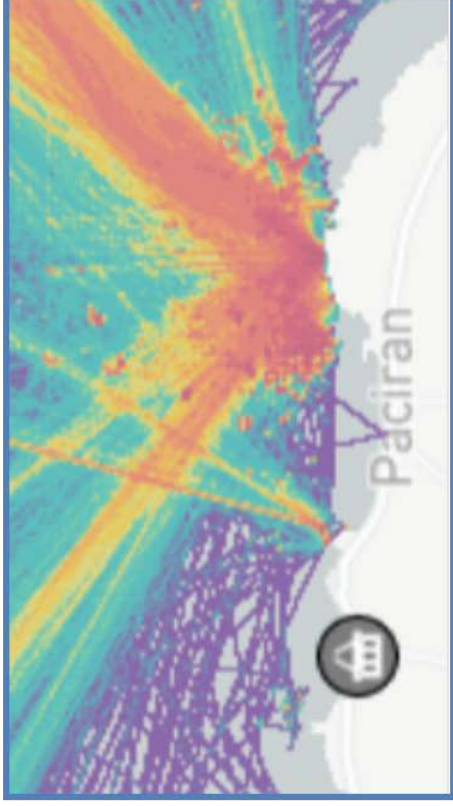
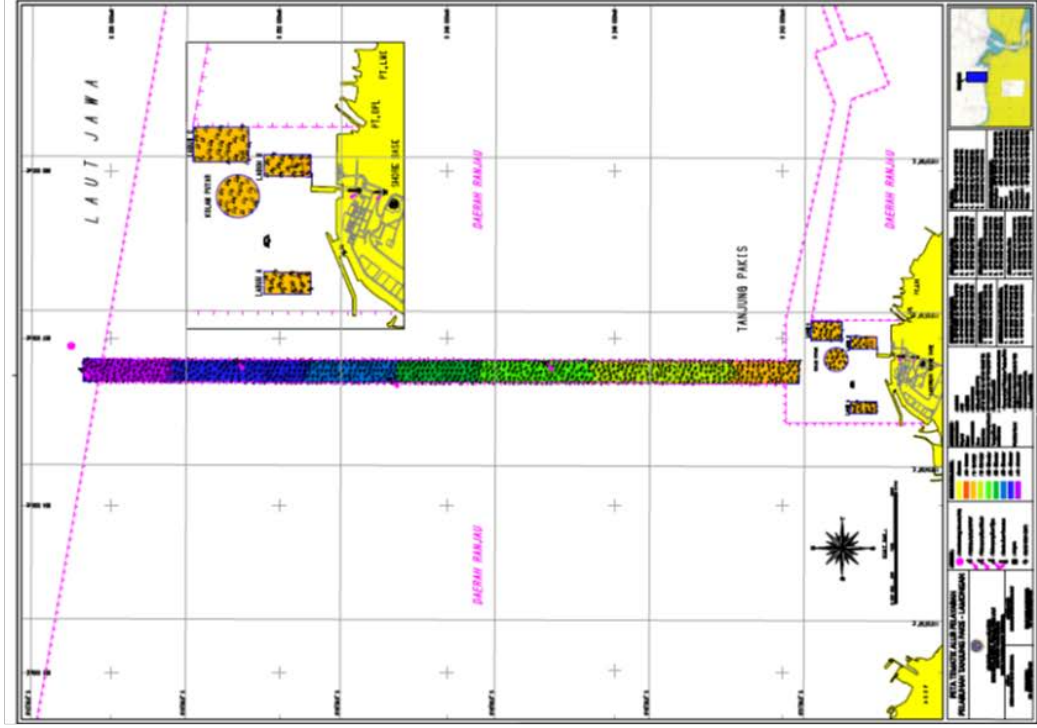
1 Pelabuhan Boom



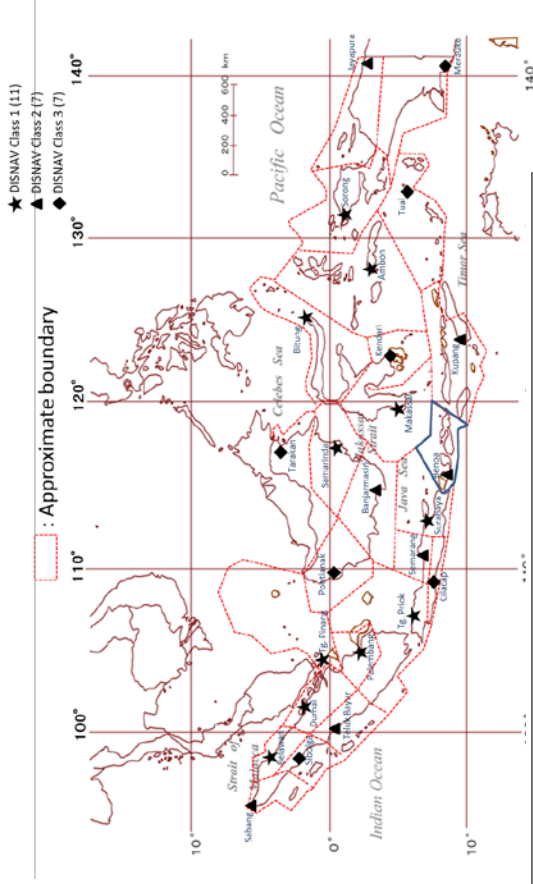
3 Pelabuhan Taddan



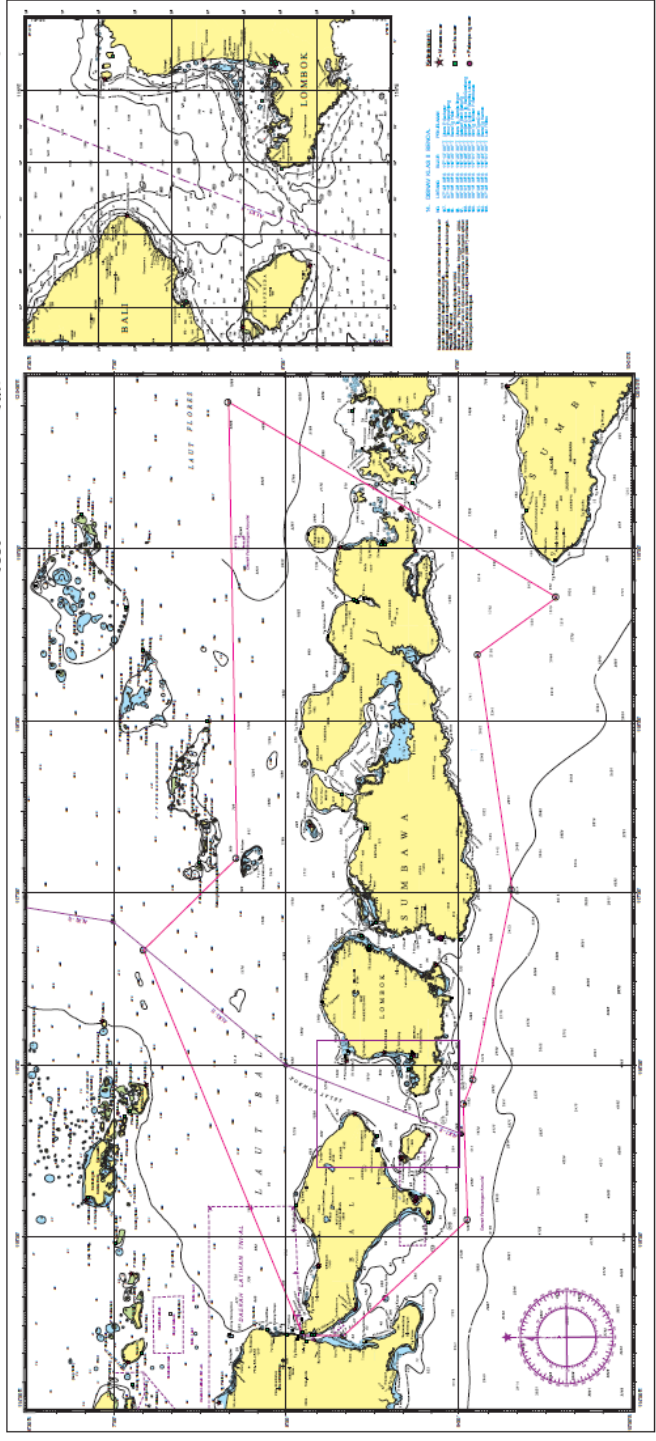
4 Pelabuhan Tanjung Pakis



Outline of DISNAV Service Area



13 DISNAV Benoa



1-A Summary Table for Planned AtoN

13 DISNAV Benoai

No	Area	Planned AtoN					Reference (Purpose)
		No	Name	Location		Type	
				Latitude	Longitude		
1	Selat Alas	1	Rambu suar Bahaya terencil	08° 27' 58.85" S	116° 42' 17.62" E	Lighted Beacon	Medium Range
		7	Rambu Suar Pulau Pasir	08°26' 54.40" S	116°45' 06.44" E	"	"
2	Carik	8	Rambu Suar Pelabuhan Carik	08°13' 22.45" S	116°25' 34.72" E	"	"
		2	Rambu suar Hijau Labuahan lombok	08°28' 51.43" S	116°40' 18.70" E	"	Short Range
3	Pelabuhan Labuahan Lombok	3	Rambu Suar Percabangan Warna Merah Hijau Merah	08°29' 28.92" S	116°40' 21.92" E	"	
		4	Rambu suar Merah Labuahan lombok	08°29' 13.70" S	116°40' 01.50" E	"	
		5	Rambu suar Hijau Labuahan lombok	08°29' 29.92" S	116°39' 57.69" E	"	
		6	Rambu suar Merah Labuahan lombok	08°29' 35.43" S	116°40' 05.15" E	"	
4	Pelabuhan Lembar	9	Rambu Suar Ujung Karang Lembar	08°44' 47.59" S	116°03' 32.90" E	"	Medium Range

No	Area	Planned AtoN						Reference (Purpose)
		No	Name	Location		Type		
				Latitude	Longitude			
5	Pelabuhan Sampalan	10	Rambu suar. Pelabuhan Sampalan	08°40' 20.50" S	115°33' 27.00" E	Lighted Beacon	Medium Range	
		11	Rambu Suar Hijau Pelabuhan Sampalan	08°40' 20.30" S	115°33' 28.20" E	"	"	
		12	Rambu Suar Merah Pelabuhan Sampalan	08°40' 18.66" S	115°33' 27.88" E	"	"	
6	Pelabuhan Sanur	13	Rambu Suar Pelabuhan Pantai Matahari Terbit Sanur	08°40' 11.82" S	115°15' 39.69" E	"	"	
		14	Rambu suar hijau Pelabuhan Pantai Matahari Terbit Sanur	08°40' 00.42" S	115°15' 41.98" E	"	"	
		15	Rambu suar Merah Pelabuhan Pantai Matahari Terbit Sanur	08°39' 56.61" S	115°15' 46.36" E	"	"	

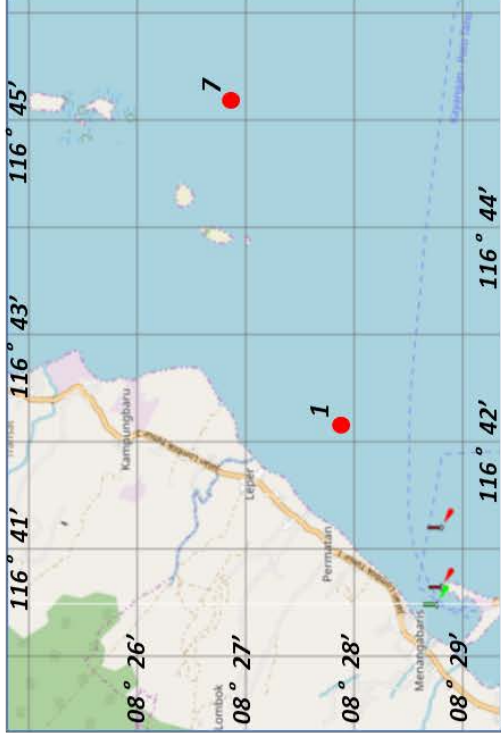
1-B Outline Map of Planned AtoN

13 Bena

Planned AtoN

- 1 Rambu suar Bahaya terencil (L.B)
- 7 Rambu Suar Pulau Pasir (L.B)

1 (08° 27'58.85" S 116° 42'17.62" E)
 7 (08° 26'54.40" S 116° 45'06.44" E)



- 8 Rambu Suar Pelabuhan Carik (L.B)

8 (08° 13'22.45" S 116° 25'34.72" E)

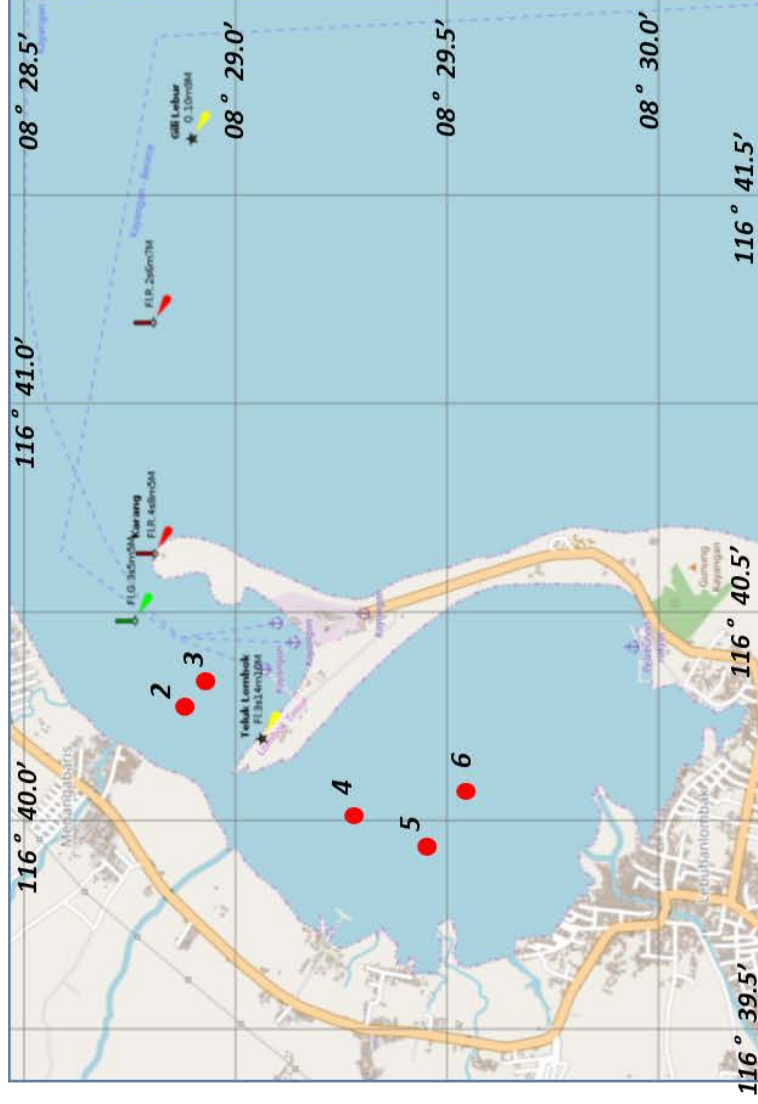
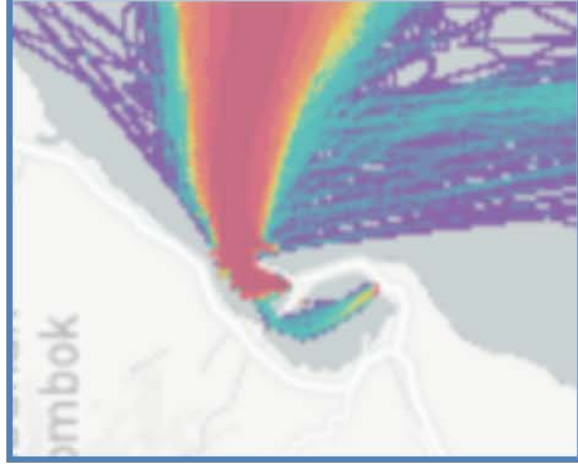


13 Benoa

Planned AtoN

- 2 Rambu suar Hijau Labuahan lombok (L.B)
- 3 Rambu Suar Percabangan Warna Merah Hijau Merah (L.B)
- 4 Rambu suar Merah Labuahan lombok (L.B)
- 5 Rambu suar Hijau Labuahan lombok (L.B)
- 6 Rambu suar Merah Labuahan lombok (L.B)

- 2 (08° 28'51.43" S 116° 40'18.70" E)
- 3 (08° 29'28.92" S 116° 40'21.92" E)
- 4 (08° 29'13.70" S 116° 40'01.50" E)
- 5 (08° 29'29.92" S 116° 39'57.69" E)
- 6 (08° 29'35.43" S 116° 40'05.15" E)



13 Bena

Planned Aton

9 Rambu Suar Ujung Karang Lembar (L.B)

9 (08° 44'47.59" S 116° 03'32.90" E)



10 Rambu suar. Pelabuhan Sampalan (L.B)

11 Rambu Suar Hijau Pelabuhan Sampalan (L.B)

12 Rambu Suar Merah Pelabuhan Sampalan (L.B)

10 (08° 40'20.50" S 115° 33'27.00" E)

11 (08° 40'20.30" S 115° 33'28.20" E)

12 (08° 40'18.66" S 115° 33'27.88" E)

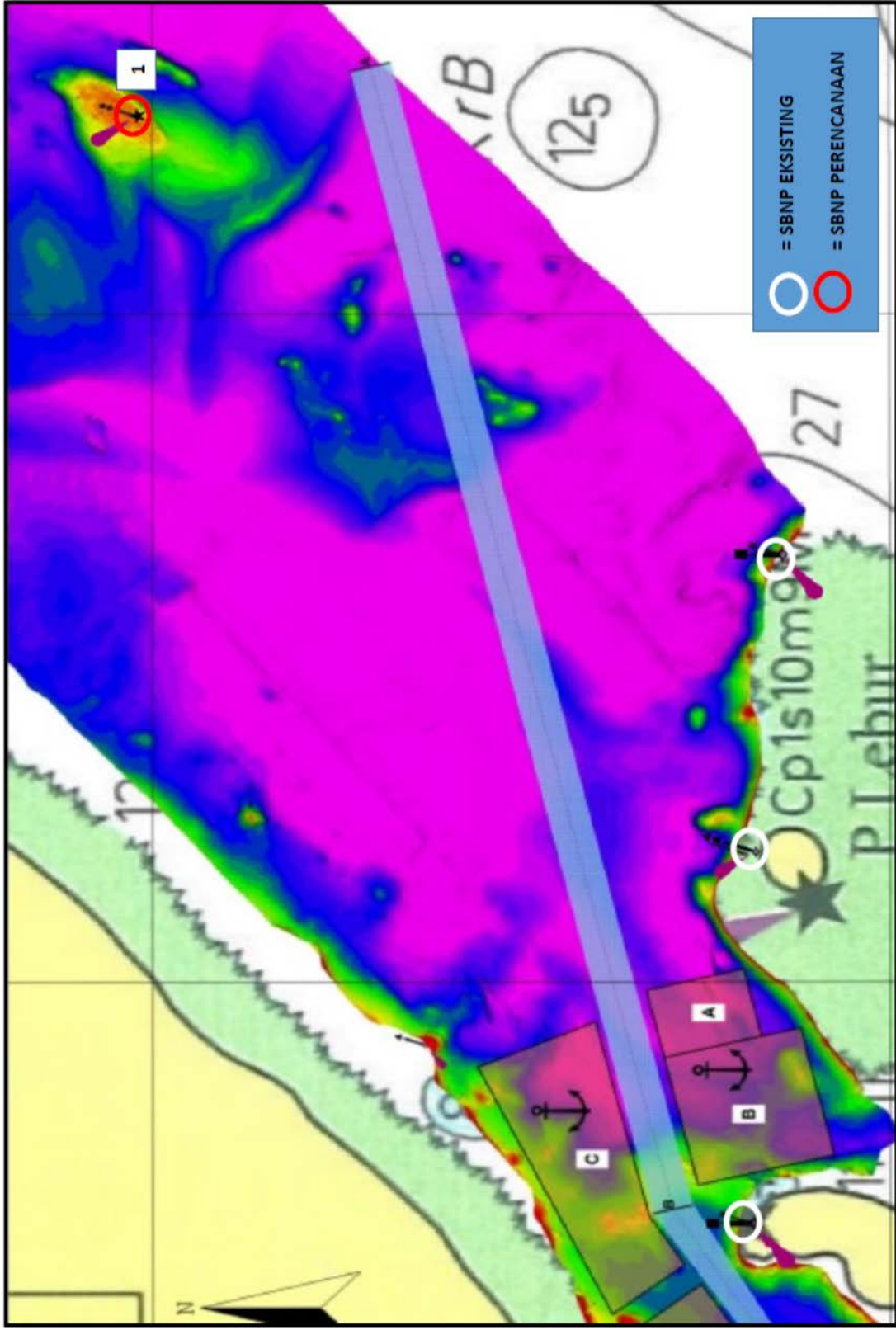


13 Bena
Planned AtoN

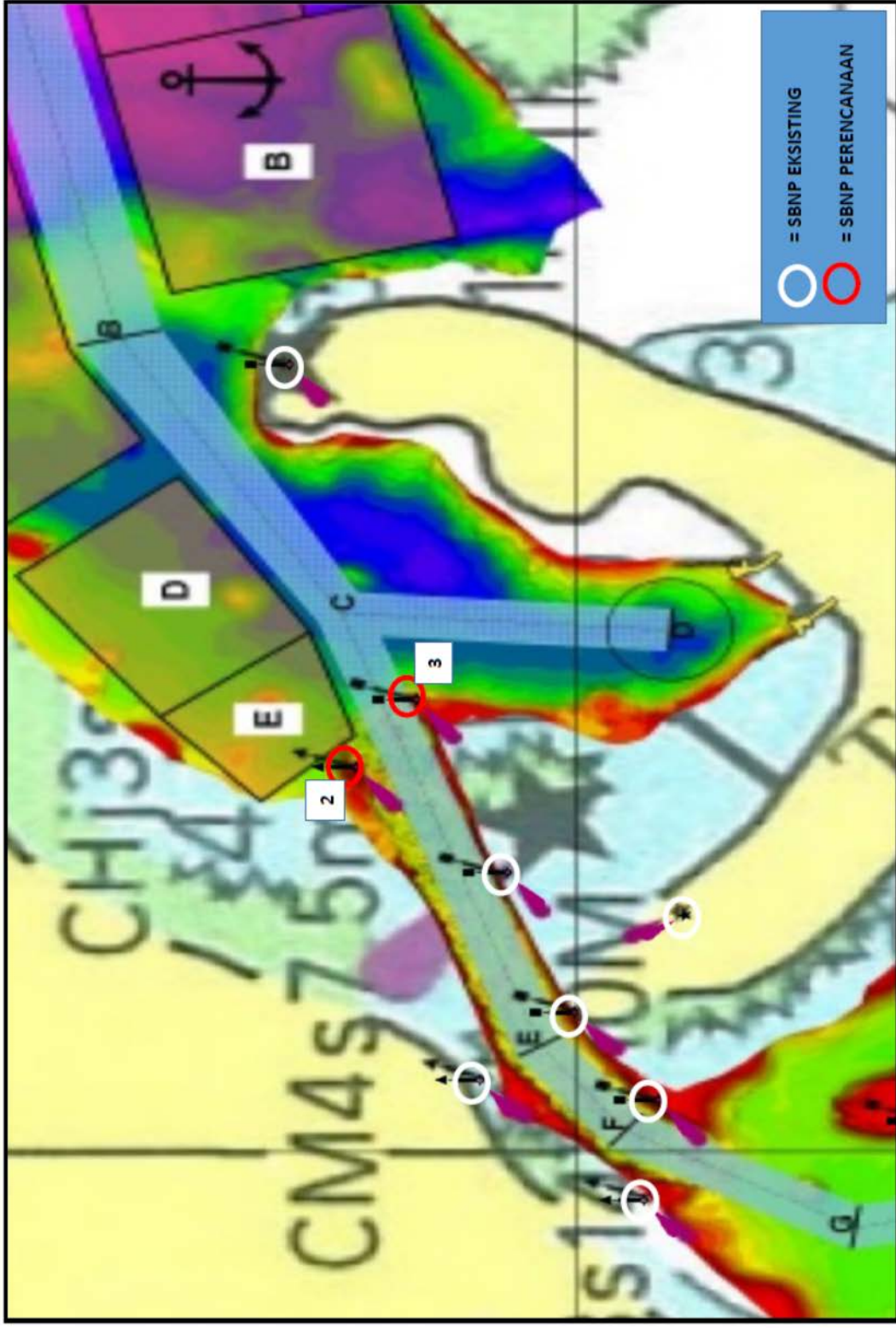
- 13 Rambu Suar Pelabuhan Pantai Matahari Terbit Sanur (L.B)
- 14 Rambu suar hijau Pelabuhan Pantai Matahari Terbit Sanur (L.B)
- 15 Rambu suar Merah Pelabuhan Pantai Matahari Terbit Sanur (L.B)

13 (08° 40' 11.82" S 115° 15' 39.69" E)
14 (08° 40' 00.42" S 115° 15' 41.98" E)
15 (08° 39' 56.61" S 115° 15' 46.36" E)

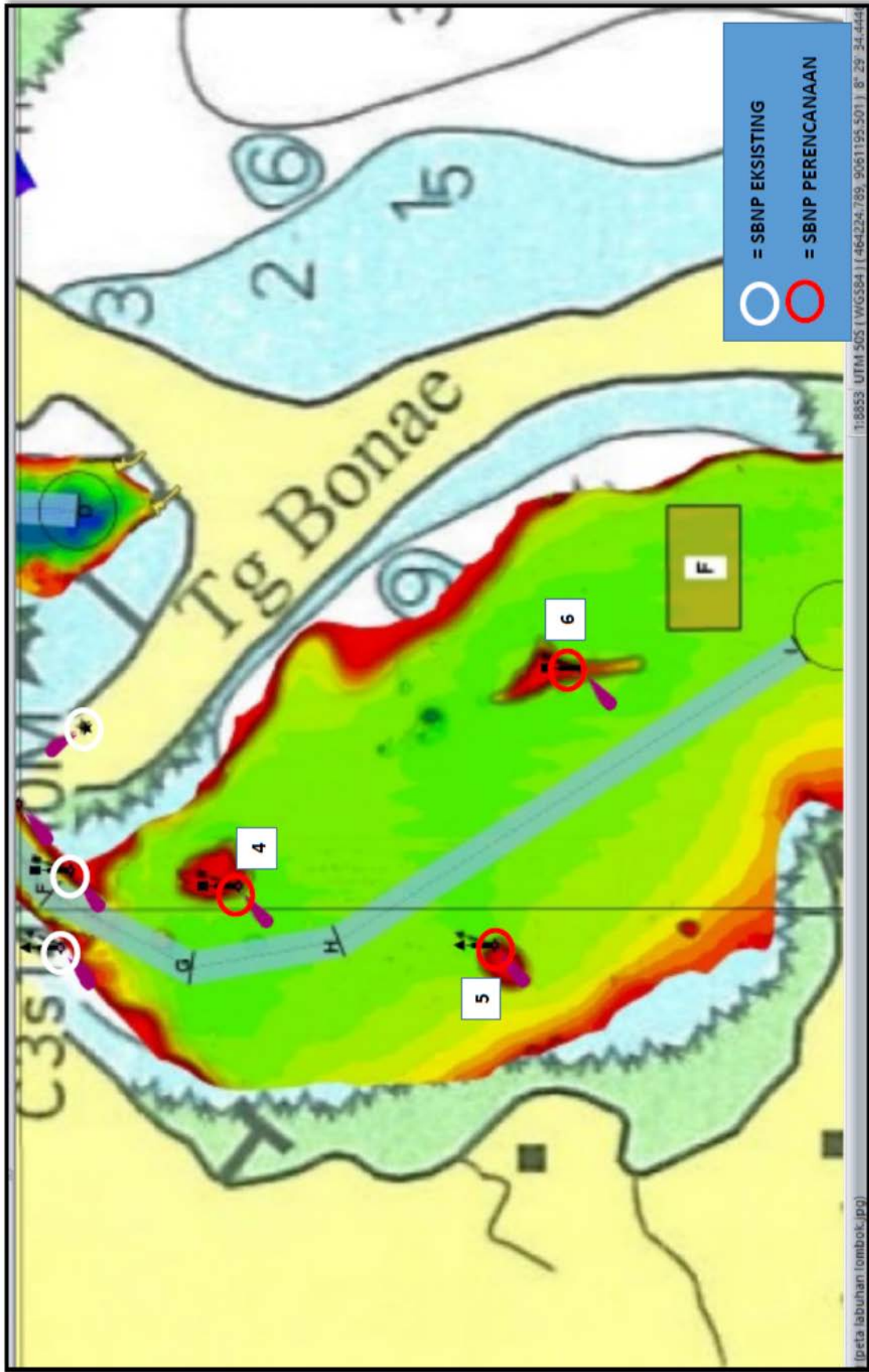




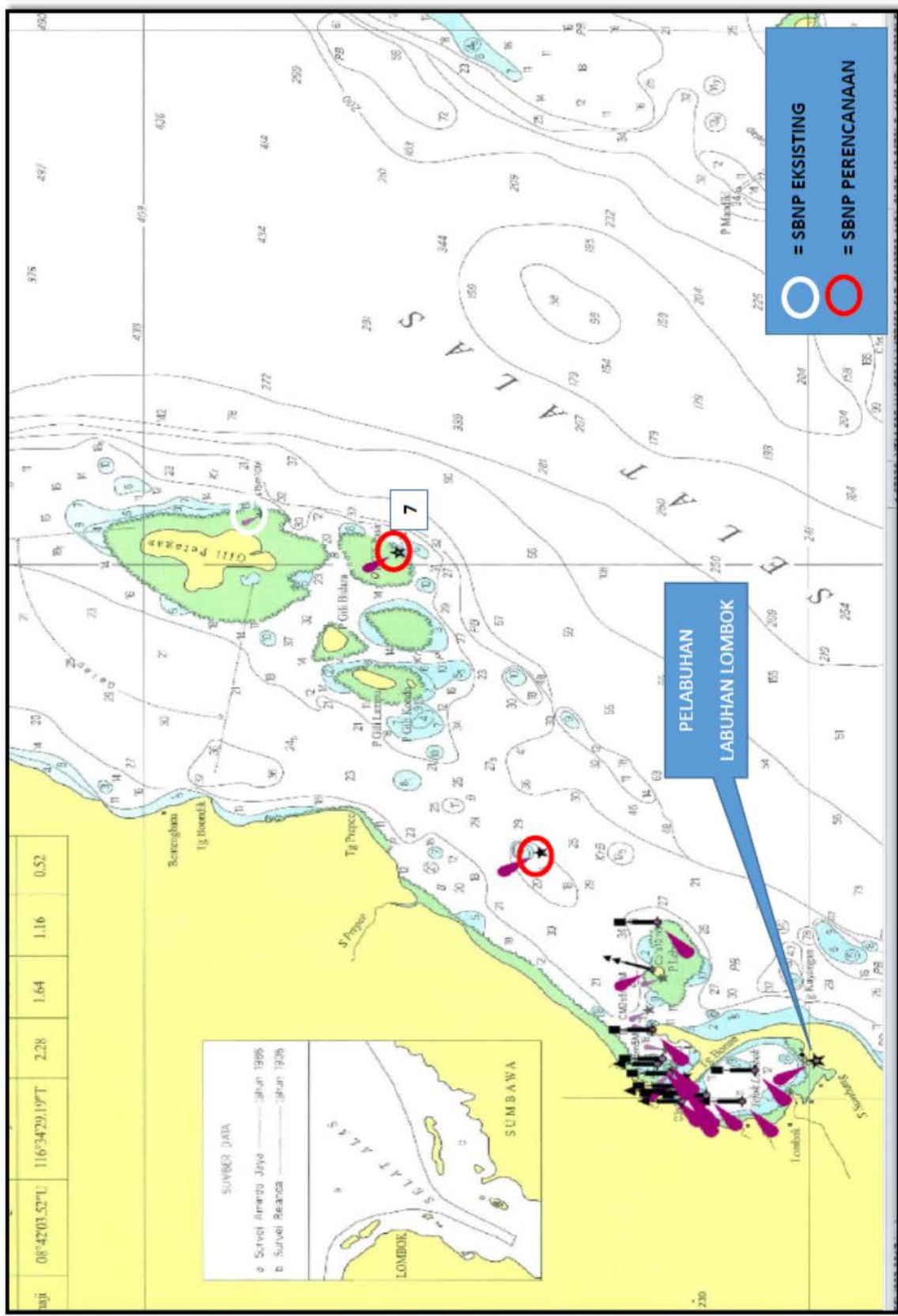
1 Rambu Suar Bahaya Terpencil : 116° 42' 17.6166" BT/ 08° 27' 58.8449" LS di laut pada kedalaman -4 mLws tinggi 10 meter



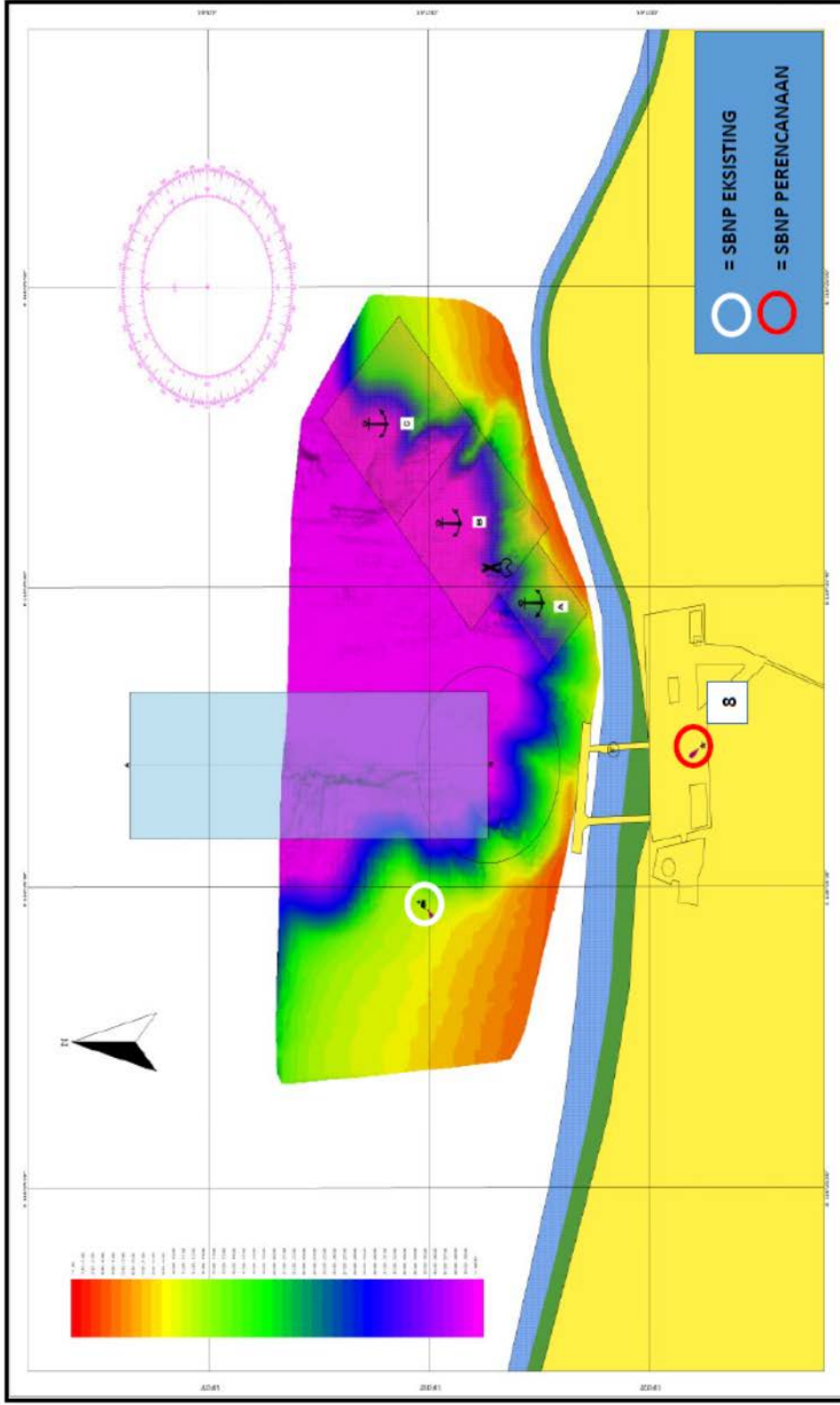
- 2 Rambu Suar Hijau : $116^{\circ} 40' 18.6903''$ BT/ $08^{\circ} 28' 51.4333''$ LS di laut pada kedalaman -3.5 mlws tinggi 10 meter;
- 3 Rambu Suar Percabangan Warna Merah Hijau Merah : $116^{\circ} 40' 21.9169''$ BT/ $08^{\circ} 29' 29.9157''$ LS di laut pada kedalaman -3.5 mlws tinggi 10 meter;



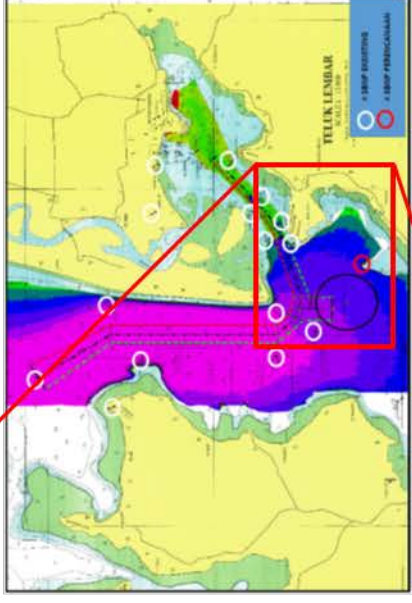
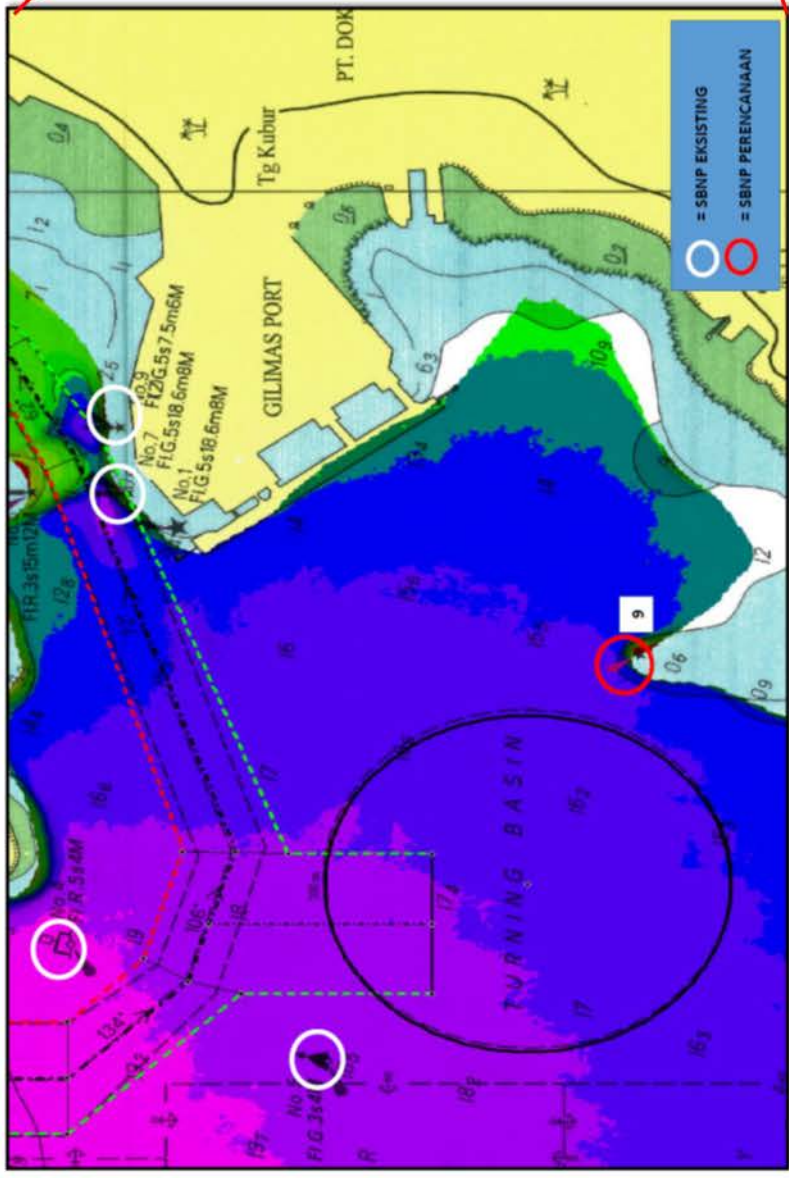
- 4 Rambu Suar Merah : $116^{\circ} 40' 01.4960''$ BT/ $08^{\circ} 29' 13.7011''$ LS di laut pada kedalaman -3.5 mLws tinggi 10 meter;
- 5 Rambu Suar Hijau : $116^{\circ} 39' 57.6872''$ BT/ $08^{\circ} 29' 29.9157''$ LS di laut pada kedalaman -3.5 mLws tinggi 10 meter;
- 6 Rambu Suar Merah : $116^{\circ} 40' 15.1480''$ BT/ $08^{\circ} 29' 35.4287''$ LS di laut pada kedalaman -3.5 mLws tinggi 10 meter;



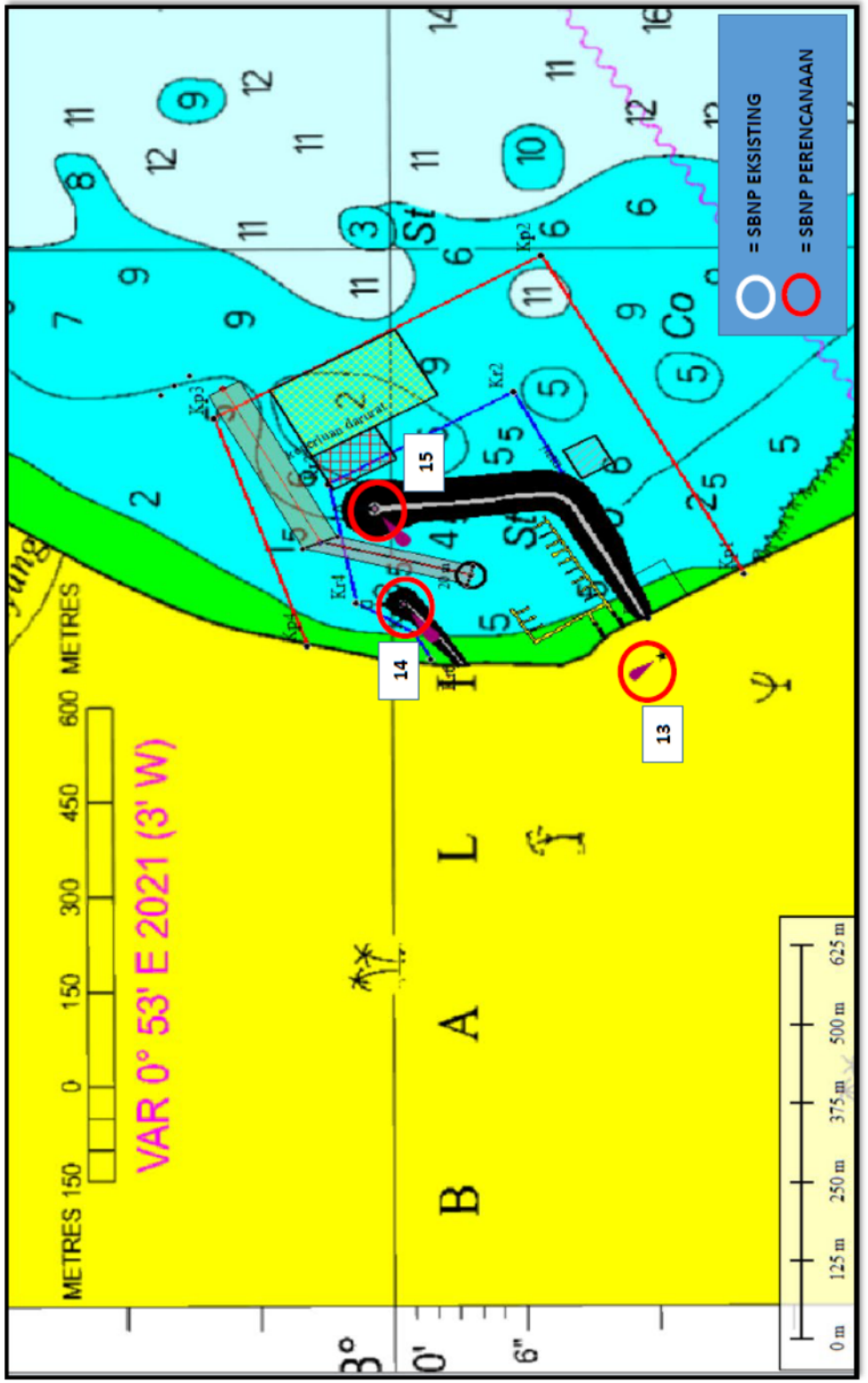
7 Rambu Suar Pulau Pasir : 116° 45' 06.4407" BT / 08° 26' 54.3896" LS di laut pada kedalaman -3 mLws tinggi 10 meter;



8. Rambu Suar Pelabuhan Carik : 116° 25' 34,72" BT/ 08° 13' 22,45" LS di Darat tinggi 20 meter;



9 Rambu Suar Ujung Karang : 116° 03' 32.9022" BT/ 08° 44' 47.5764" LS di laut kedalaman -3 mLws tinggi 10 meter;



- 13 Rambu Suar Pelabuhan : 115° 15' 39.6926" BT / 8° 40' 11.8152" LS di darat tinggi 20 meter masih tentative dikarenakan di lokasi ada banyak bangunan sehingga kesulitan menentukan terkait estetika bangunan di lokasi;
- 14 Rambu Suar Hijau : 115° 15' 41.9800" BT / 08° 40' 00.4200" LS di ujung breakwater tinggi 7.5 meter;
- 15 Rambu Suar Merah : 115° 15' 46.3600" BT / 08° 39' 56.6100" LS di ujung breakwater tinggi 7.5 meter;

**Sheet 3 Reporting Format for List of Planned AtoN
Lembar 3 (Format Pelaporan Daftar AtoN yang direncanakan)**

Name of Sea Area / Port
Nama Lokasi / Pelabuhan

: Fill Out (Diisi)

District

: Bena (13)

Chart No. (Name)

: Fill Out (Diisi)

Reference Number (Nomor Referensi)	Location (Fill out) / Lokasi (Diisi)		Aid (Type dan Spesifikasi Alat Bantu)		Category (Kategori)		Type of Marks (Tipe dari Tanda)				Remarks (Catatan)	
	Name of AtoN (Nama AtoN)	Position (Posisi) Longitude Garis Bujur Latitude Garis Lintang	Type (*)	Specification (**)	Sea Area (**3) (Area Laut)	Significance (**4) (Signifikansi)	Lateral (**5)	Cardinal (**6)	Special (**7) Khusus	Light Color (**8) (Warna Bantu)		Top Mark Category (**9) Kategori Shape (**10) Bentuk
1	Rambu suar Bahaya Isopand	116° 42' 17.6169" BT 08° 27' 58.8459" LS	Lighted Beacon	Medium-range Light	Offshore waters (Perairan Lepas Pantai)	Category 2 (Important/Penting)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) / (Tidak Beraku)	White (Putih)		3-0: 2 black spheres, one above the other 2 bola hitam, satu di atas yang lain
2	Rambu suar Hijau Labuhan Lombok	116° 40' 16.6907" BT 08° 28' 51.4303" LS	Lighted Beacon	Short-range Light	Harbor/Port (Restricted area) (Dermagat/Pelabuhan) (area terbatas)	Category 1 (Vital)	Preferred Channel of Port (Kanal Pilihan Pelabuhan)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) / (Tidak Beraku)	Green (Hijau)		1-0: Single green cone, point upwards/ Kerucut hijau tunggal, mengarah ke atas
3	Rambu Suar Peringatan Warna Merah Hijau Merah	116° 40' 21.9187" BT 08° 29' 29.9157" LS	Lighted Beacon	Short-range Light	Harbor/Port (Restricted area) (Dermagat/Pelabuhan) (area terbatas)	Category 1 (Vital)	Preferred Channel of Port (Kanal Pilihan Pelabuhan)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) / (Tidak Beraku)			
4	Rambu suar Merah Labuhan Lombok	116° 40' 01.4967" BT 08° 29' 13.7011" LS	Lighted Beacon	Short-range Light	Harbor/Port (Restricted area) (Dermagat/Pelabuhan) (area terbatas)	Category 1 (Vital)	Preferred Channel of Port (Kanal Pilihan Pelabuhan)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) / (Tidak Beraku)	Red (Merah)		1-0: Single red cylinder (can) / Sylinder merah tunggal (kaleng)
5	Rambu suar Hijau Labuhan Lombok	116° 39' 57.6937" BT 08° 29' 29.9157" LS	Lighted Beacon	Short-range Light	Harbor/Port (Restricted area) (Dermagat/Pelabuhan) (area terbatas)	Category 1 (Vital)	Preferred Channel of Port (Kanal Pilihan Pelabuhan)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) / (Tidak Beraku)	Green (Hijau)		1-0: Single green cone, point upwards/ Kerucut hijau tunggal, mengarah ke atas
6	Rambu suar Merah Labuhan Lombok	116° 40' 15.1807" BT 08° 29' 35.4297" LS	Lighted Beacon	Short-range Light	Harbor/Port (Restricted area) (Dermagat/Pelabuhan) (area terbatas)	Category 1 (Vital)	Preferred Channel of Port (Kanal Pilihan Pelabuhan)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) / (Tidak Beraku)	Red (Merah)		1-0: Single red cylinder (can) / Sylinder merah tunggal (kaleng)
7	Rambu Suar Pulau Pasir	116° 49' 06.4407" BT 08° 28' 54.3997" LS	Lighted Beacon	Medium-range Light	Offshore waters (Perairan Lepas Pantai)	Category 1 (Vital)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) / (Tidak Beraku)	White (Putih)		
8	Rambu Suar Pelabuhan Carik	116° 29' 34.72" BT 08° 13' 22.48" LS	Lighted Beacon	Medium-range Light	Harbor/Port (Restricted area) (Dermagat/Pelabuhan) (area terbatas)	Category 1 (Vital)	Port (Pelabuhan)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) / (Tidak Beraku)	White (Putih)		
9	Rambu suar Ujung Karang Lembar	116° 08' 32.9002" BT 08° 44' 47.5764" LS	Lighted Beacon	Medium-range Light	Harbor/Port (Restricted area) (Dermagat/Pelabuhan) (area terbatas)	Category 1 (Vital)	Preferred Channel of Port (Kanal Pilihan Pelabuhan)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) / (Tidak Beraku)	White (Putih)		
10	Rambu suar Pelabuhan Sampelan	115° 33' 27.0197" BT 08° 40' 00.8" LS	Lighted Beacon	Medium-range Light	Harbor/Port (Restricted area) (Dermagat/Pelabuhan) (area terbatas)	Category 1 (Vital)	Port (Pelabuhan)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) / (Tidak Beraku)	White (Putih)		6: Not Applicable (n/a) / (Tidak Beraku)
11	Rambu Suar Hijau Pelabuhan Sampelan	115° 33' 28.307" BT 08° 40' 20.807" LS	Lighted Beacon	Medium-range Light	Harbor/Port (Restricted area) (Dermagat/Pelabuhan) (area terbatas)	Category 1 (Vital)	Preferred Channel of Port (Kanal Pilihan Pelabuhan)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) / (Tidak Beraku)	Green (Hijau)		1-0: Single green cone, point upwards/ Kerucut hijau tunggal, mengarah ke atas
12	Rambu Suar Merah Pelabuhan Sampelan	115° 33' 27.887" BT 08° 40' 18.66" LS	Lighted Beacon	Medium-range Light	Harbor/Port (Restricted area) (Dermagat/Pelabuhan) (area terbatas)	Category 1 (Vital)	Preferred Channel of Port (Kanal Pilihan Pelabuhan)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) / (Tidak Beraku)	Red (Merah)		1-0: Single red cylinder (can) / Sylinder merah tunggal (kaleng)
13	Pantai Malahan Terik Saur	115° 15' 39.6926" BT 08° 40' 11.8127" LS	Lighted Beacon	Medium-range Light	Harbor/Port (Restricted area) (Dermagat/Pelabuhan) (area terbatas)	Category 1 (Vital)	Port (Pelabuhan)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) / (Tidak Beraku)	White (Putih)		6: Not Applicable (n/a) / (Tidak Beraku)
14	Rambu suar Merah Pelabuhan Pantai Malahan Terik Saur	115° 15' 41.9007" BT 08° 40' 06.4007" LS	Lighted Beacon	Medium-range Light	Harbor/Port (Restricted area) (Dermagat/Pelabuhan) (area terbatas)	Category 1 (Vital)	Port (Pelabuhan)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) / (Tidak Beraku)	Green (Hijau)		1-0: Single green cone, point upwards/ Kerucut hijau tunggal, mengarah ke atas
15	Rambu suar Merah Pelabuhan Pantai Malahan Terik Saur	115° 15' 46.3007" BT 08° 40' 06.6107" LS	Lighted Beacon	Medium-range Light	Harbor/Port (Restricted area) (Dermagat/Pelabuhan) (area terbatas)	Category 1 (Vital)	Port (Pelabuhan)	Not Applicable (n/a) (Tidak Beraku)	Not Applicable (n/a) / (Tidak Beraku)	Red (Merah)		1-0: Single red cylinder (can) / Sylinder merah tunggal (kaleng)

1-A Summary Table for Existing AtoN

14 DISNAV Kupang

- 1 Lighthouse
- 2 Harbor Light
- 3 Lighted Beacon
- 4 Lighted Buoy



Existing AtoN

No.	Number of AtoN	Name of Area (Port)	No.	Number of AtoN	Name of Area (Port)
1	(9)	PELABUHAN TENAU - KUPANG	21	(2)	PELABUHAN MARAPOKOT
2	(4)	PELABUHAN SULAMU	22	(2)	PELABUHAN REO
3	(2)	PELABUHAN NAIKLIU	23	(7)	PELABUHAN WAEKELAMBU
4	(5)	PELABUHAN WINI	24	(9)	PELABUHAN LABUHAN BAJO
5	(4)	PELABUHAN ATAPUPU	25	(6)	PELABUHAN LOHLIANG P. KOMODO
6	(5)	PELABUHAN MARITAING ALOR TIMUR	26	(1)	PELABUHAN WAIWOLE
7	(5)	PELABUHAN PULAU LIRAN	27	(1)	PELABUHAN MBORONG
8	(2)	PELABUHAN ILWAKI P. WETAR	28	(1)	PELABUHAN MAUMBAWA
9	(1)	PELABUHAN WONRELI - KISAR	29	(1)	PELABUHAN P. ENDE
10	(2)	PELABUHAN TOMRA-LETI	30	(1)	PELABUHAN ENDE
11	(5)	PELABUHAN WAERWAWAN-LAKOR	31	(1)	PELABUHAN IPPY-ENDE
12	(4)	PELABUHAN KAIWATU-MOA	32	(4)	PELABUHAN PENYEBERANGAN ASDP PANTEBARU
13	(4)	PELABUHAN HILA-ROMANG	33	(3)	PELABUHAN BA'A
14	(5)	PELABUHAN KALABAHI-ALOR	34	(1)	PELABUHAN OELABA
15	(6)	PELABUHAN BARANUSA	35	(3)	PELABUHAN NDAO
16	(1)	PELABUHAN BALAUIN	36	(4)	PELABUHAN BIU-SABU TIMUR
17	(4)	PELABUHAN LEWOLEBA	37	(4)	PELABUHAN SEBA
18	(1)	PELABUHAN WAIWERANG	38	(3)	PELABUHAN RAIJUA
19	(6)	PELABUHAN LARANTUKA	39	(2)	PELABUHAN WAIKELO
20	(6)	PELABUHAN MAUMERE	40	(10)	PELABUHAN WAINGAPU

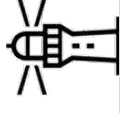
AtoN Total : 147

Lighthouse : 21, Harbor Light : 33, Lighted Beacon : 78, Lighted Buoy : 15

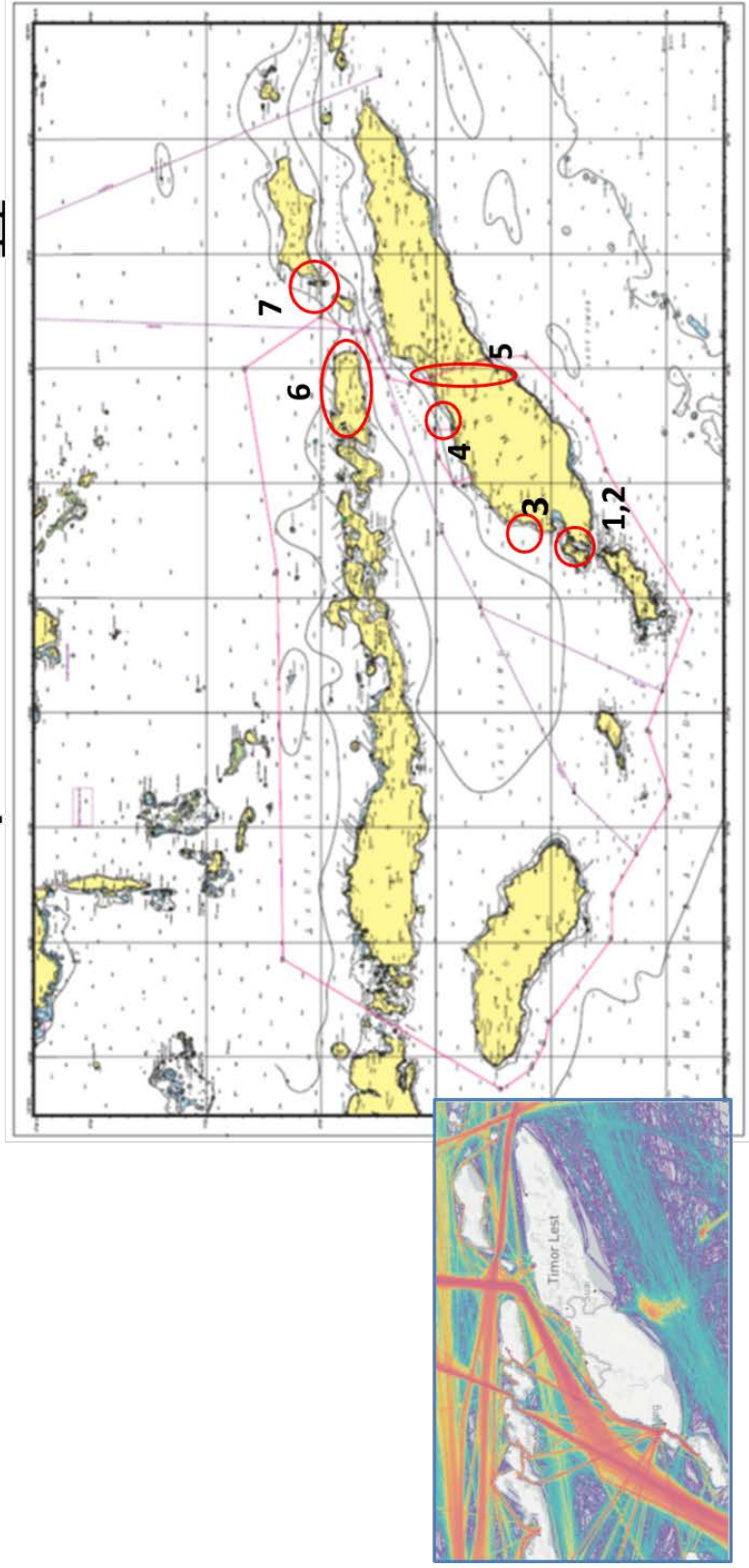
1-B Outline Map of Existing AtoN (Area/Port)

14 Kupang (II)

- | | |
|----------------------------|---------------------------------|
| 1 PELABUHAN TENAU - KUPANG | 5 PELABUHAN ATAPUPU |
| 2 PELABUHAN SULAMU | 6 PELABUHAN MARITANG ALOR TIMUR |
| 3 PELABUHAN NAIKLIU | 7 PELABUHAN PULAU LIRAN |
| 4 PELABUHAN WINI | |

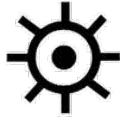


Location Map

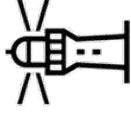


14 Kupang (II)

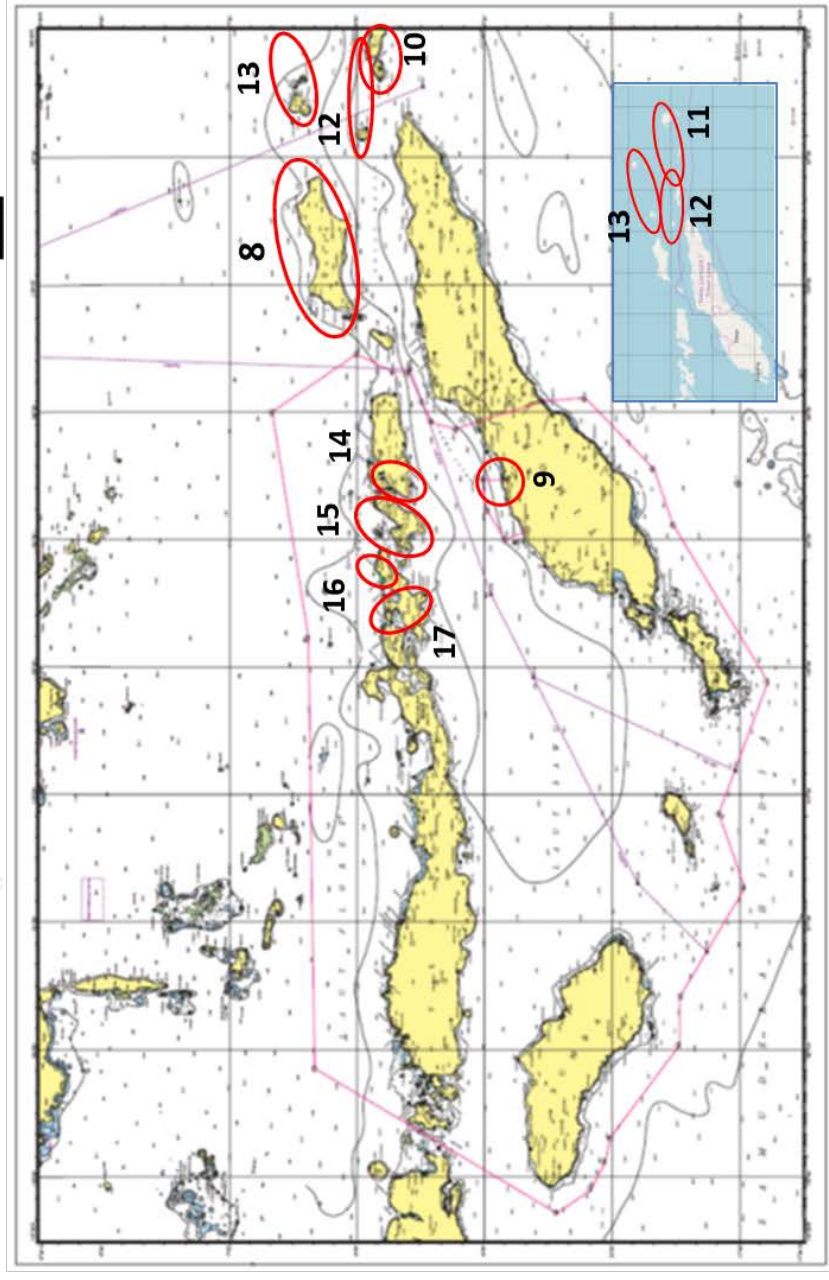
- 8 PELABUHAN ILWAKI P. WETAR
- 9 PELABUHAN WONRELI - KISAR
- 10 PELABUHAN TOMRA-LETI
- 11 PELABUHAN WAERWAWAN-LAKOR
- 12 PELABUHAN KAIWATU-MOA



- 13 PELABUHAN HILA-ROMANG
- 14 PELABUHAN KALABAHI-ALOR
- 15 PELABUHAN BARANUSA
- 16 PELABUHAN BALAURIN
- 17 PELABUHAN LEWOLEBA



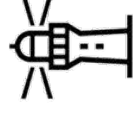
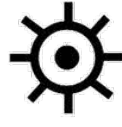
Location Map



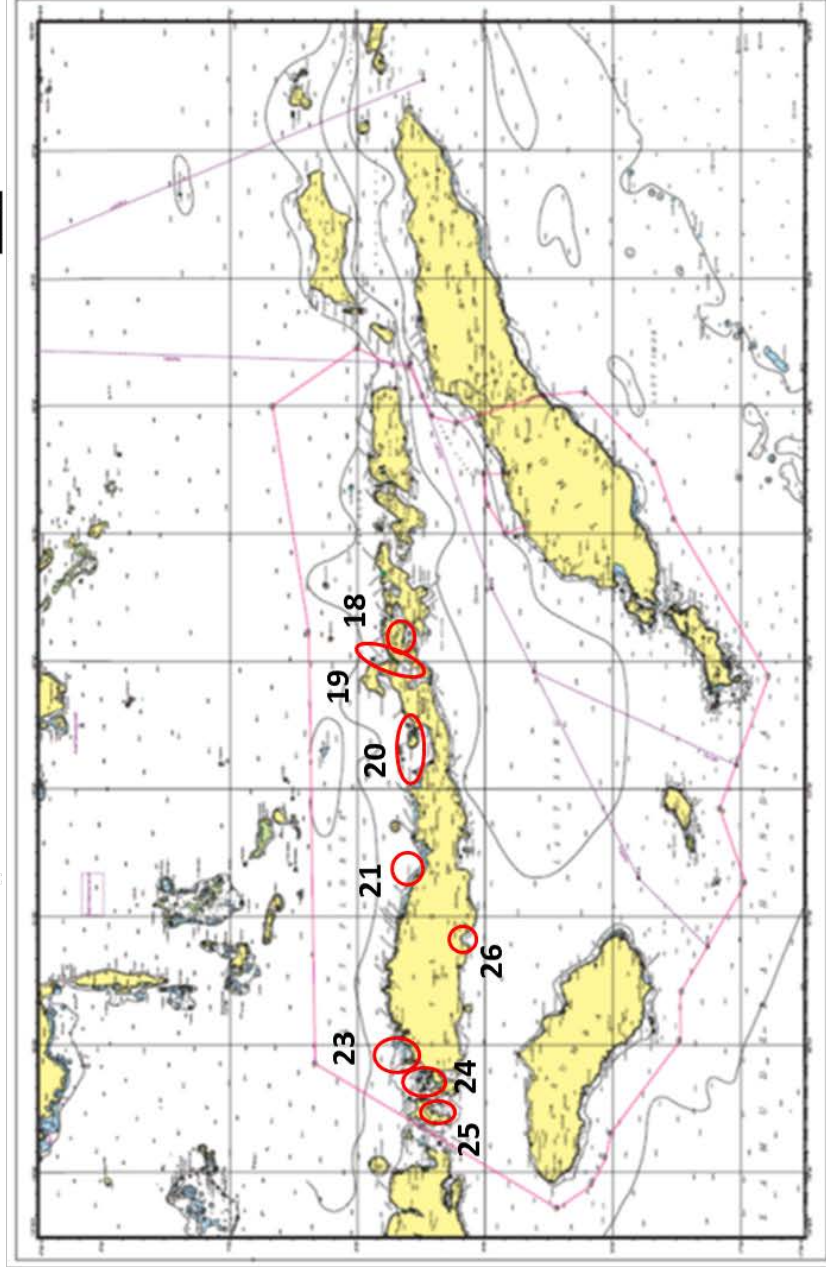
14 Kupang (II)

- 18 PELABUHAN WAIWERANG
- 19 PELABUHAN LARANTUKA
- 20 PELABUHAN MAUMERE
- 21 PELABUHAN MARAPOKOT
- 22 PELABUHAN REO**

- 23 PELABUHAN WAEKELAMBU
- 24 PELABUHAN LABUHAN BAJO
- 25 PELABUHAN LOHLIANG P. KOMODO
- 26 PELABUHAN WAIWOLE



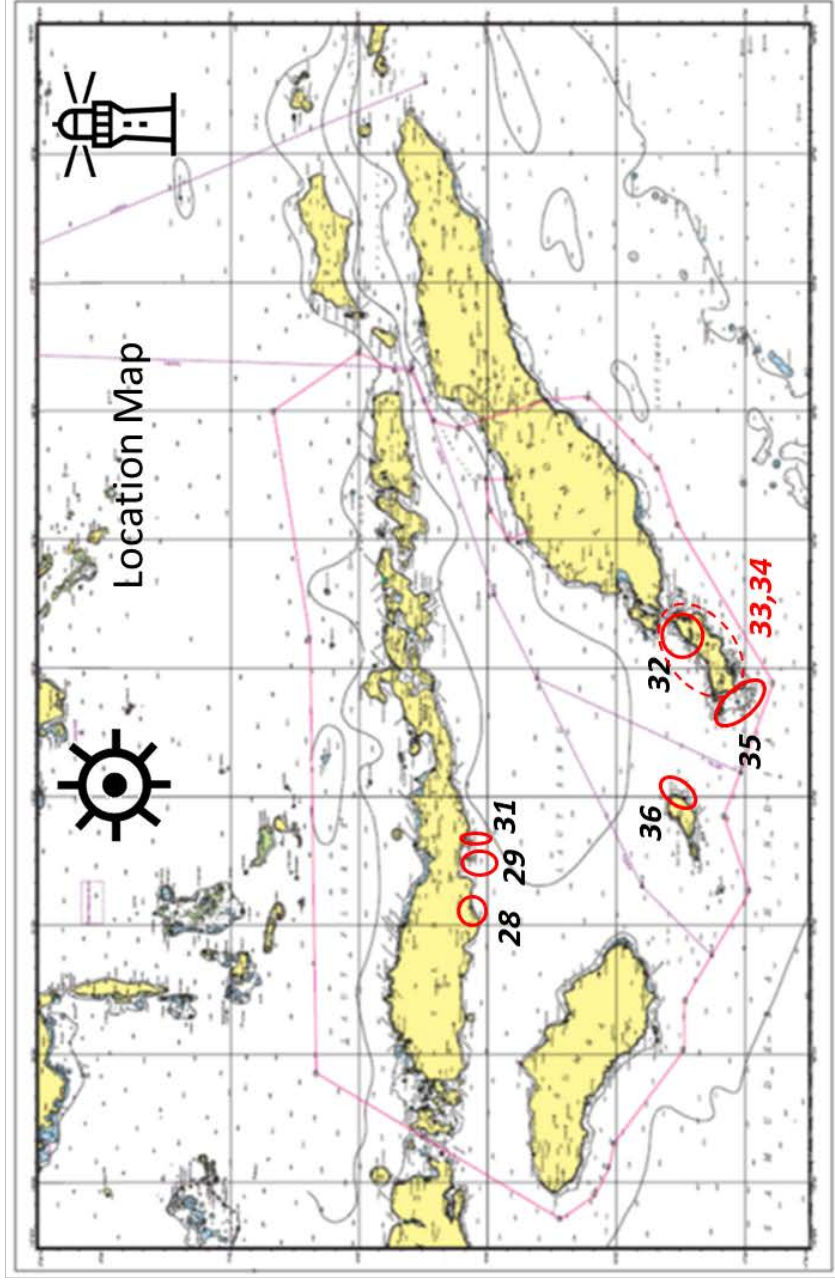
Location Map



14 Kupang (II)

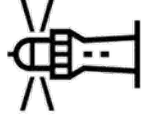
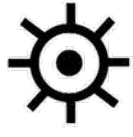
- 27 PELABUHAN MBORONG**
- 28 PELABUHAN MAUMBAWA**
- 29 PELABUHAN P. ENDE**
- 30 PELABUHAN ENDE**
- 31 PELABUHAN IPPI-ENDE**
- 32 PELABUHAN PENYEBERANGAN ASDP PANTEBARU**

- 33 PELABUHAN BA'A**
- 34 PELABUHAN OELABA**
- 35 PELABUHAN NDAO**
- 36 PELABUHAN BIU-SABU TIMUR**

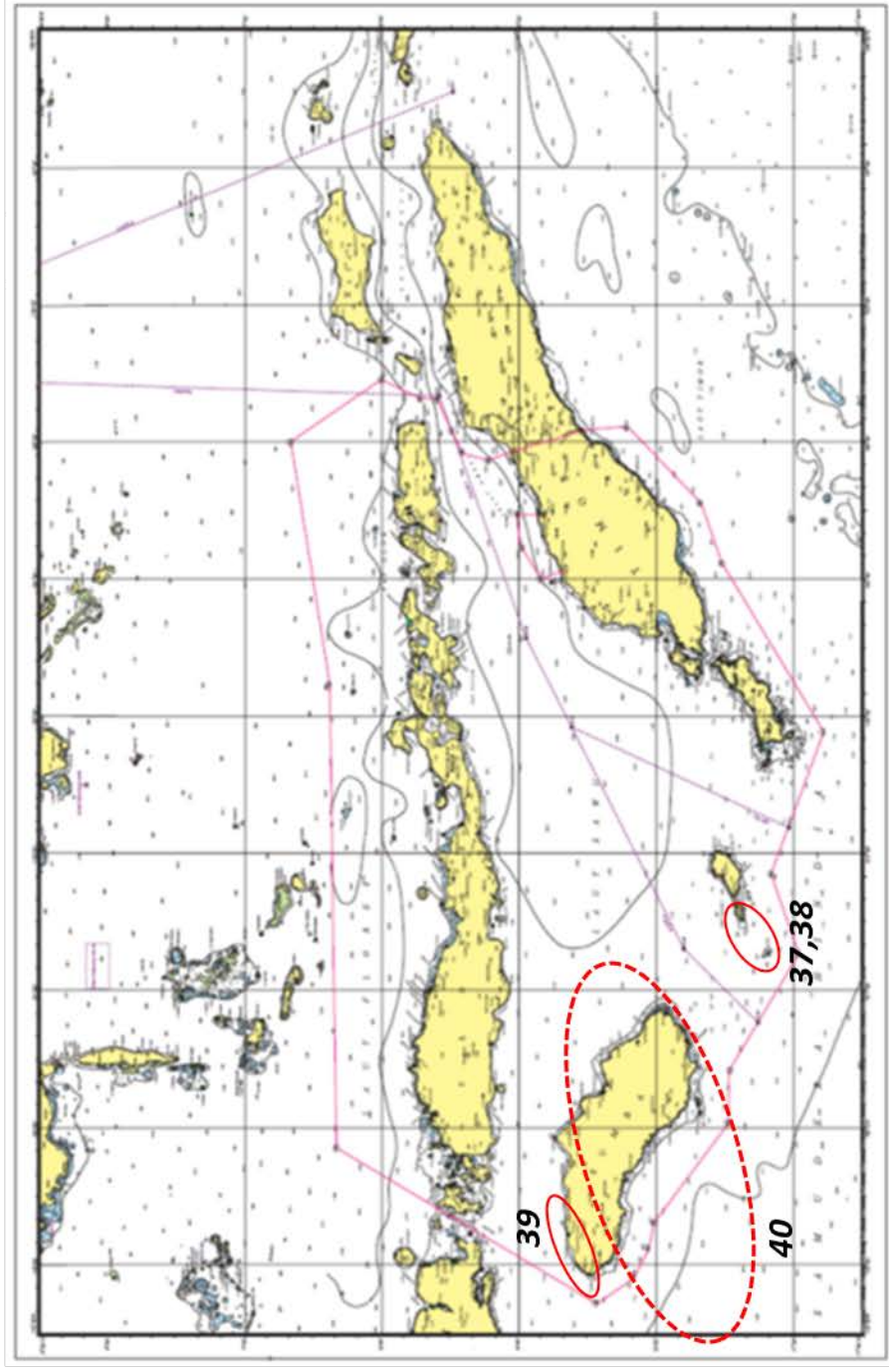


14 Kupang (II)

- 37** PELABUHANSEBA **39** PELABUHANWAIKELO
- 38** PELABUHANRAIJUA **40** PELABUHANWAINGAPU

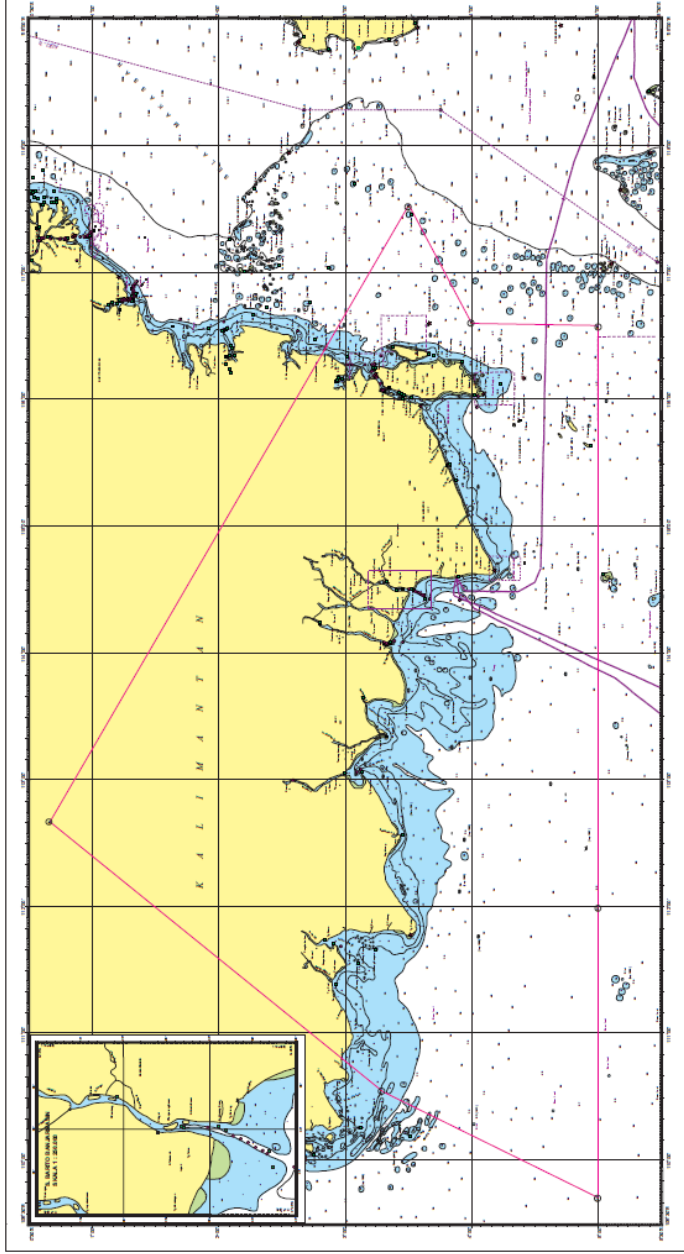
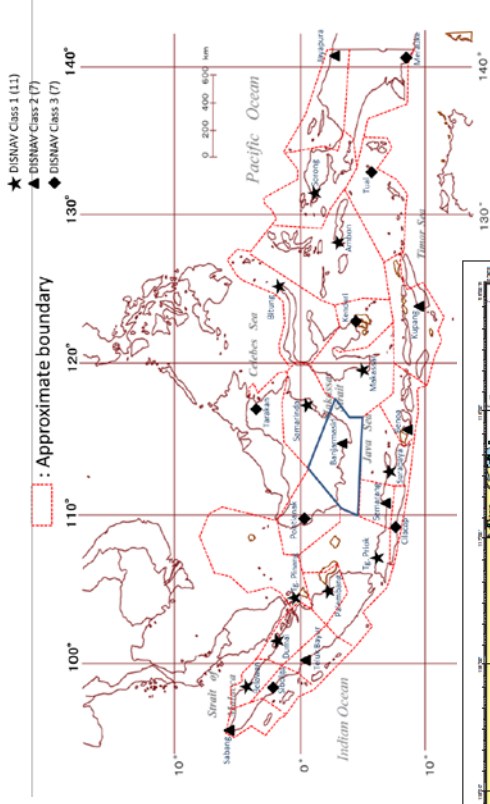


Location Map



15 DISNAV Banjarmasin

Outline of DISNAV Service Area



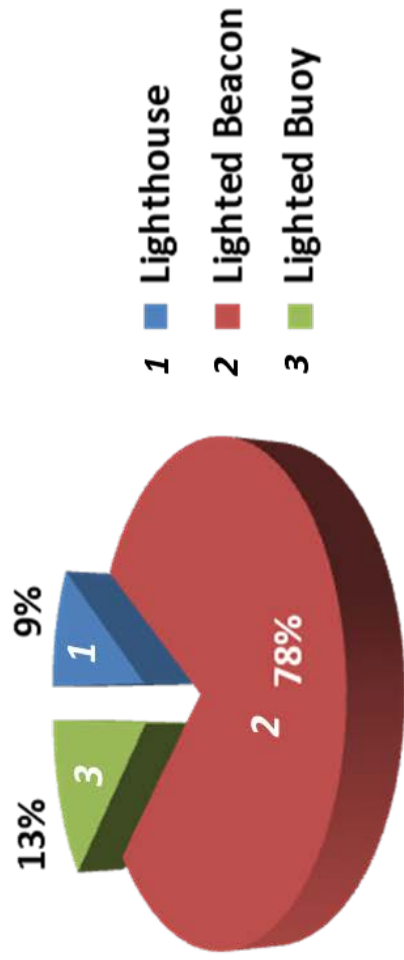
1-A Summary Table for Existing AtoN

15 DISNAV Banjarmashin

Existing AtoN (Lighthouse)

- | | |
|-------------------------------|------------------------------------------|
| 1 Mensu Tanjung Matua | 6 Mensu Tg. Padadatua Ma. S. Barito |
| 2 Mensu Tg. Puting | 7 Mensu Sember Galang |
| 3 Mensu Tg. Pandan | 8 Mensu Tg. Kuyit Pulau Laut |
| 4 Mensu Tg. Pandaran | 9 Mensu Tg. Petang Selat Laut |
| 5 Mensu Tg. Selatan Laut Jawa | 10 Mensu Gn. Belingkar Pulau Laut |
| | 11 Mensu Sember Gelap Pulau Sember Gelap |

AtoN Total : 120
 Lighthouse : 11, Lighted Beacon : 94, Lighted Buoy : 15

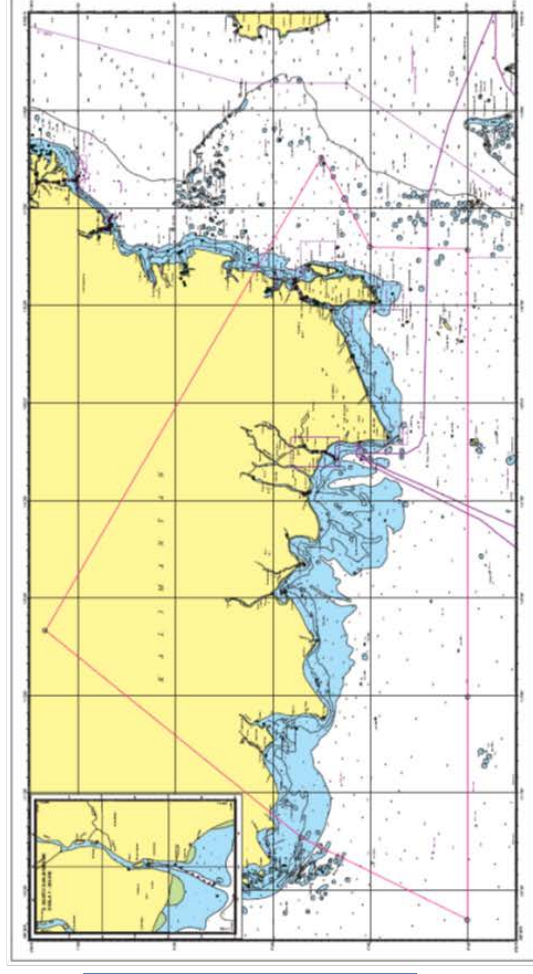
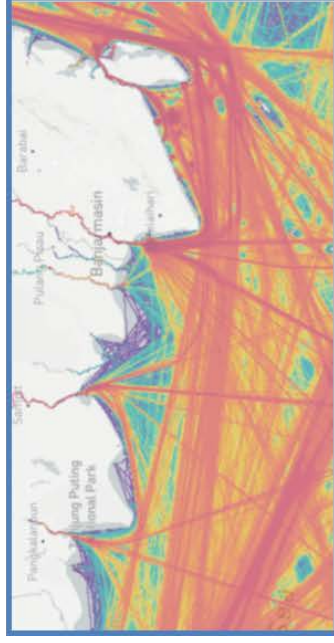
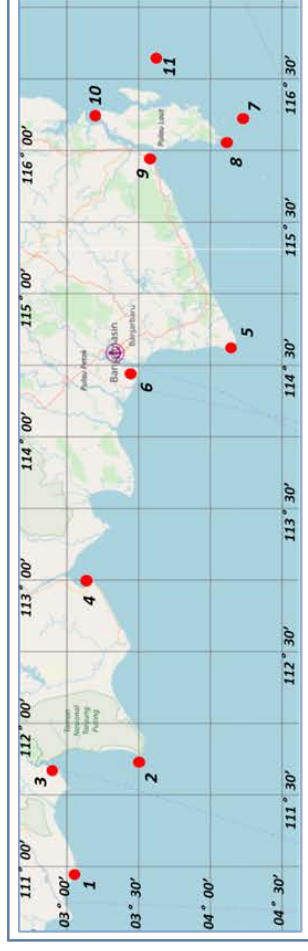


1-B Outline Map of Existing AtoN (Lighthouse)

15 Banjarmasin (II)

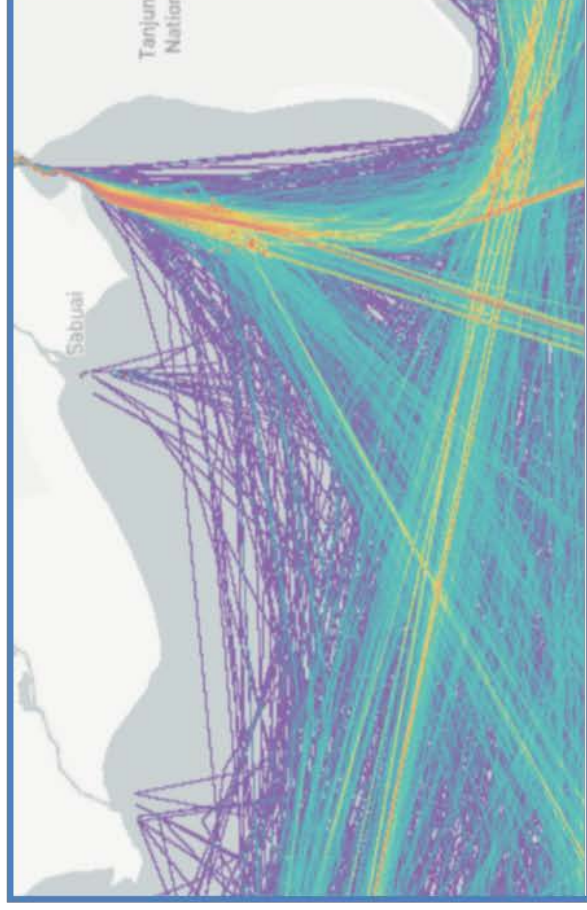
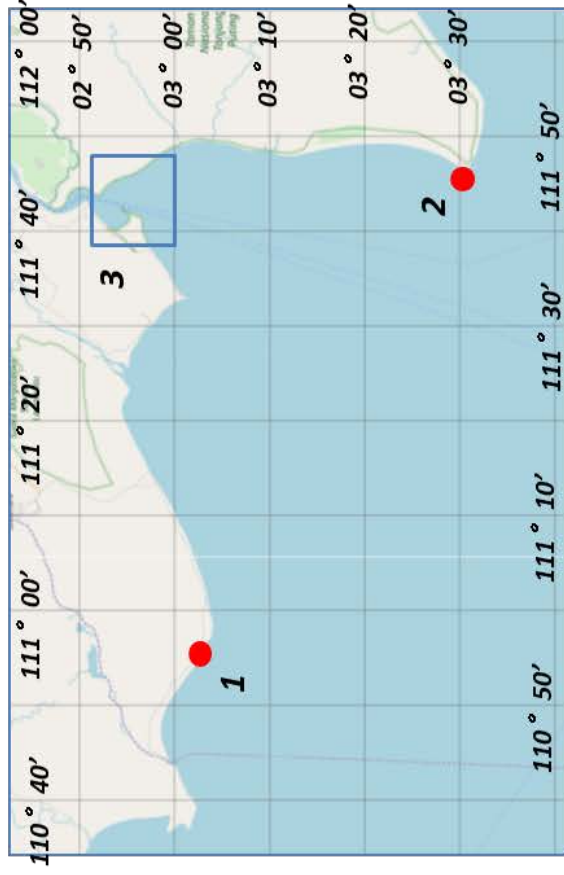
Existing AtoN (Lighthouse)

- 1 Mensu Tanjung Matua
- 2 Mensu Tg. Puting
- 3 Mensu Tg. Pandan
- 4 Mensu Tg. Pandaran
- 5 Mensu Tg. Selatan Laut Jawa
- 6 Mensu Tg. Padadatua Ma. S. Barito
- 7 Mensu Sumber Galang
- 8 Mensu Tg. Kuyit Pulau Laut
- 9 Mensu Tg. Petang Selat Laut
- 10 Mensu Gn. Belingkar Pulau Laut
- 11 Mensu Sumber Gelap Pulau Sumber Gelap



Existing AtoN (Lighthouse)

- 1 Mensu Tanjung Matua 1 (03° 02' 54.40" S 110° 56' 02.80" E)
- 2 Mensu Tg. Puting 2 (03° 30' 30.31" S 111° 46' 24.60" E)
- 3 Mensu Tg. Pandan 3 (02° 56' 34.93" S 111° 40' 47.34" E)



Existing AtoN (Lighthouse)

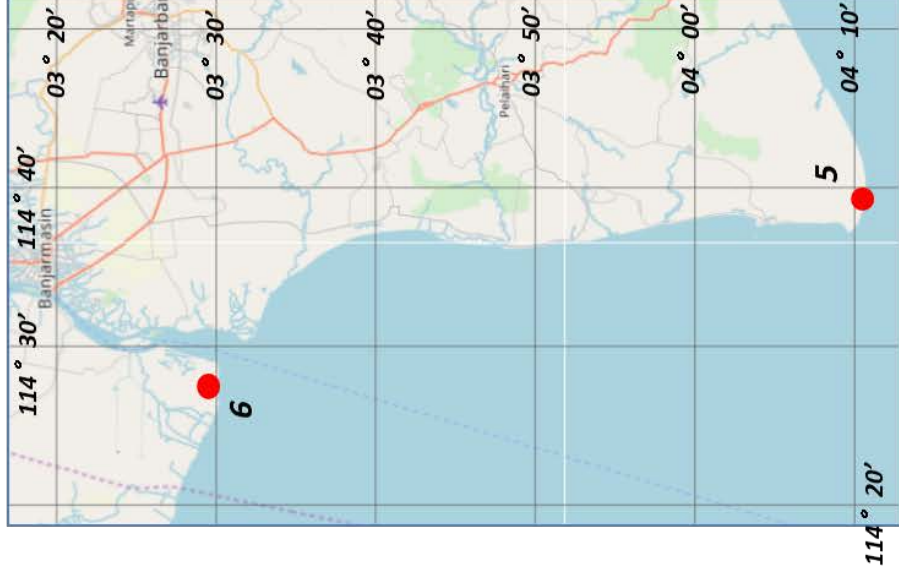
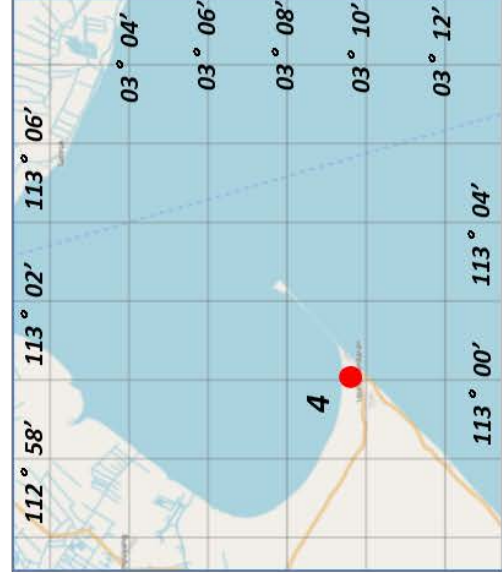
- 5 Mensu Tg. Selatan Laut Jawa
- 6 Mensu Tg. Padadatua Ma. S. Barito

5 (04° 10' 32.10" S 114° 39' 08.52" E)

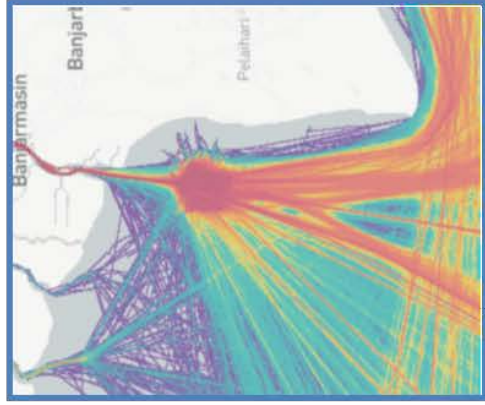
6 (03° 29' 57.80" S 114° 27' 57.90" E)

- 4 Mensu Tg. Pandaran

4 (03° 09' 38.80" S 113° 00' 22.25" E)



6 Tg. Padadatua

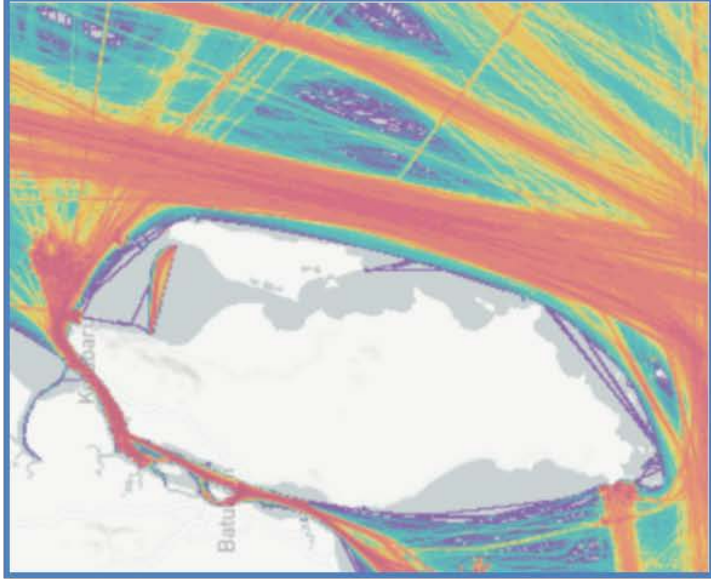


5 Tg. Selatan

Existing AtoN (Lighthouse)

- 8 Mensu Tg. Kunyit Pulau Laut
- 9 Mensu Tg. Petang Selat Laut
- 10 Mensu Gn. Belingkar Pulau Laut
- 11 Mensu Samber Gelap Pulau Samber Gelap

- 8 (04° 05' 15.60" S 116° 02' 41.35" E)
- 9 (03° 36' 31.01" S 115° 58' 01.84" E)
- 10 (03° 13' 50.00" S 116° 14' 00.00" E)
- 11 (03° 39' 30.00" S 116° 35' 45.00" E)



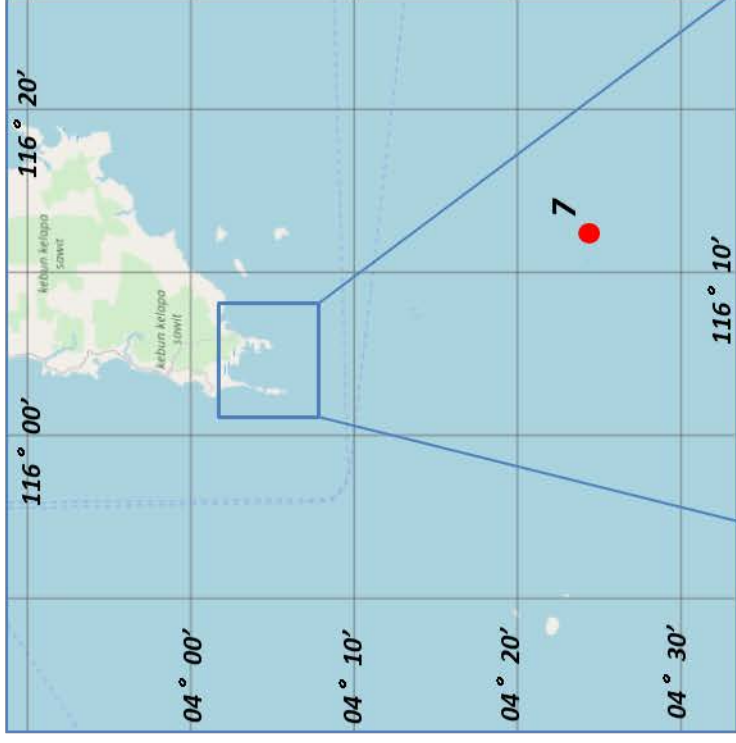
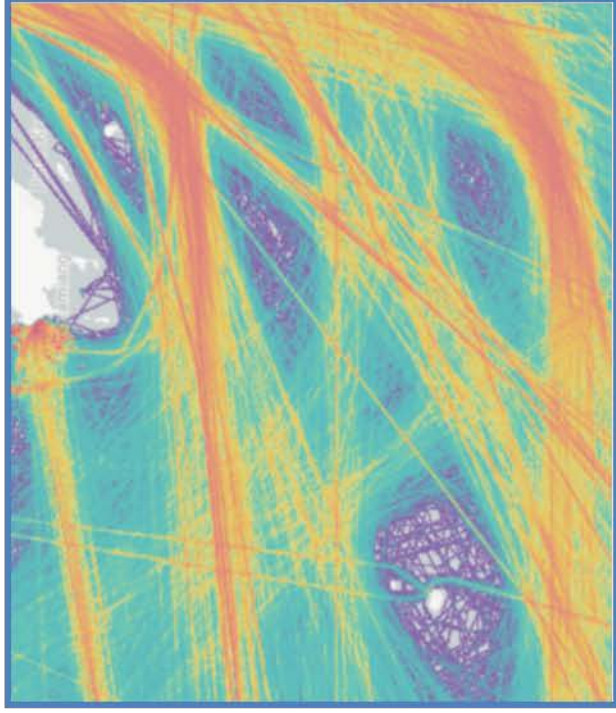
Existing AtoN (Lighthouse)

7 Mensu Samber Galang

7 ($04^{\circ} 24' 18.78'' S$ $116^{\circ} 10' 13.38'' E$)

8 Mensu Tg. Kunyiit Pulau Laut

8 ($04^{\circ} 05' 15.60'' S$ $116^{\circ} 02' 41.35'' E$)

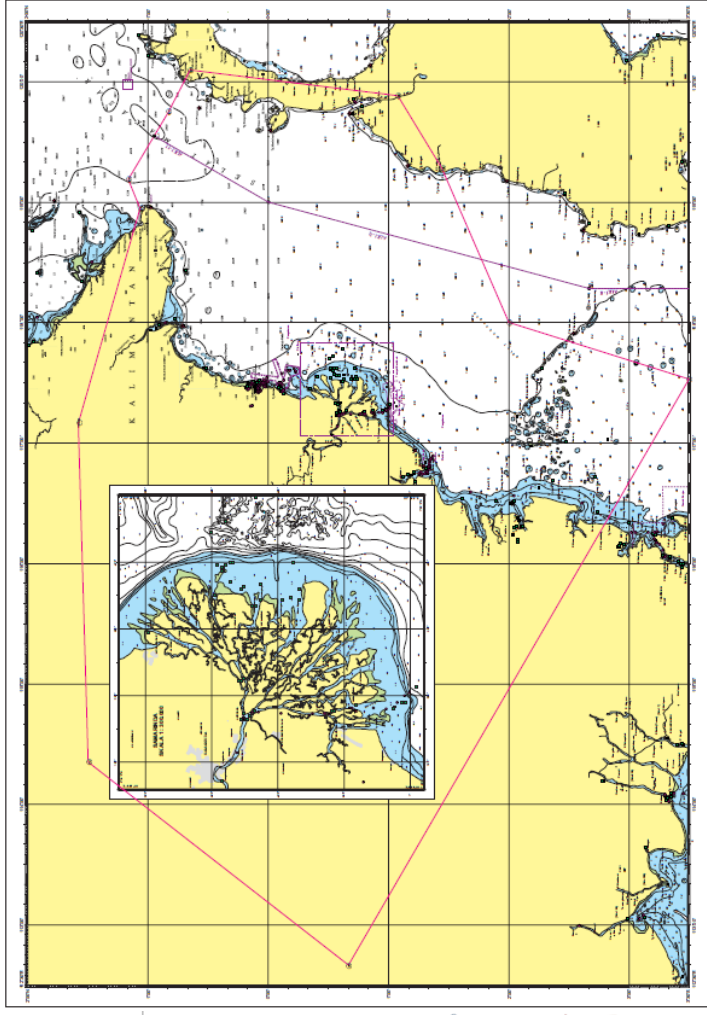
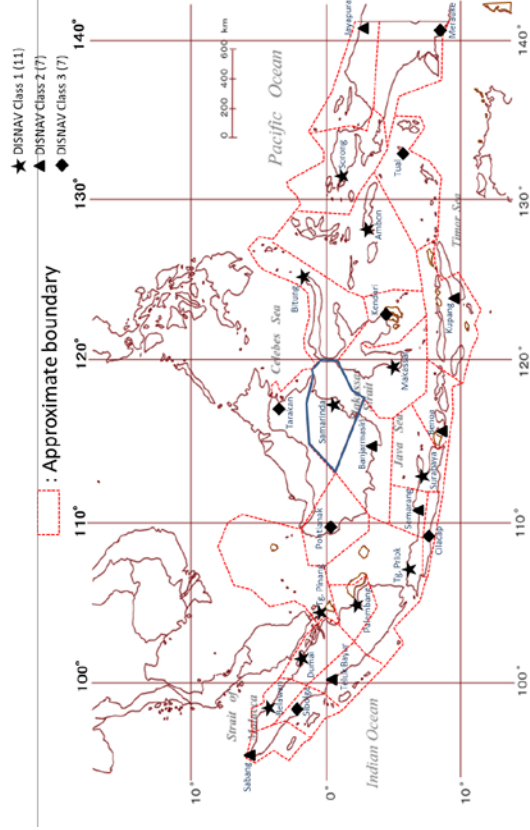


8 Tg. Kunyiit



17 DISNAV Samarinda

Outline of DISNAV Service Area

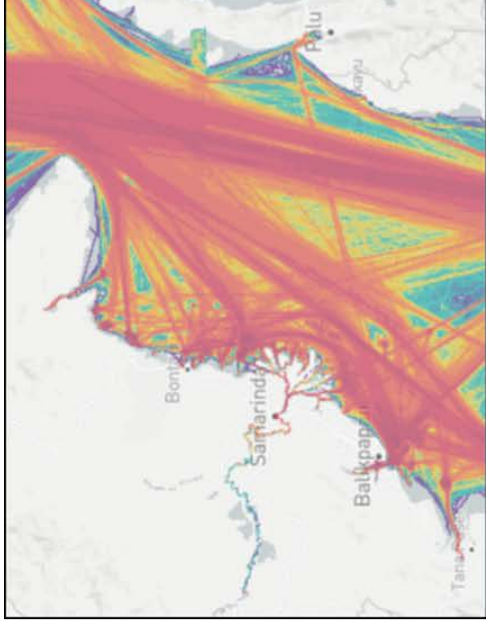


1-A Summary Table for Planned AtoN

17 DISNAV Samarinda

No	Area	Planned AtoN						Reference (Purpose)
		No	Name	Location		Type		
				Latitude	Longitude			
1	Alur IKN	1	Rencana Hijau D	01° 05' 16.990" S	116° 44' 01.126" E	Lighted Buoy	Short-range Light	
		2	Rencana Merah E	01° 05' 13.749" S	116° 43' 44.303" E	"	"	
		3	Rencana Hijau F	01° 04' 52.253" S	116° 43' 53.846" E	"	"	
		4	Rencana Hijau G	01° 04' 01.605" S	116° 44' 13.492" E	"	"	
		5	Rencana Merah H	01° 04' 08.759" S	116° 43' 58.672" E	"	"	
		6	Rencana Merah I	01° 02' 48.966" S	116° 44' 05.752" E	"	"	
		7	Rencana Merah J	01° 06' 15.157" S	116° 43' 22.623" E	"	"	
2	Pelabuhan PPI Manggar	1	Rambu Suar Hijau	01° 13' 22.69" S	116° 58' 54.83" E	Lighted Beacon	Medium-range Light	
		2	Rambu Suar Merah	01° 13' 22.94" S	116° 58' 25.80" E	"	"	
		3	Lampu Pelabuhan	01° 12' 54.96" S	116° 58' 49.16" E	"	"	

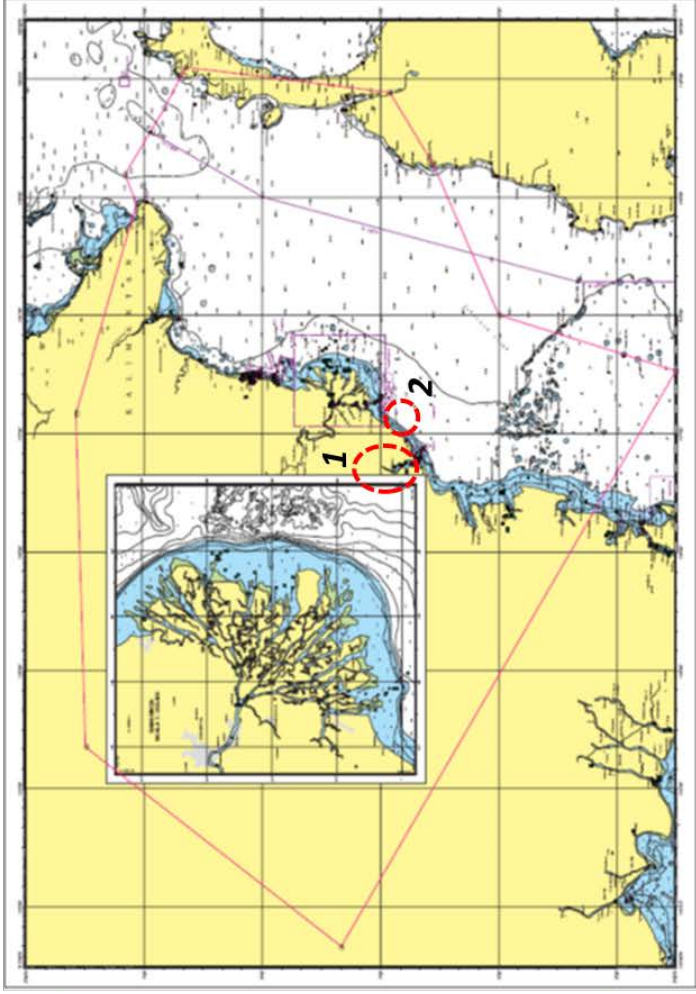
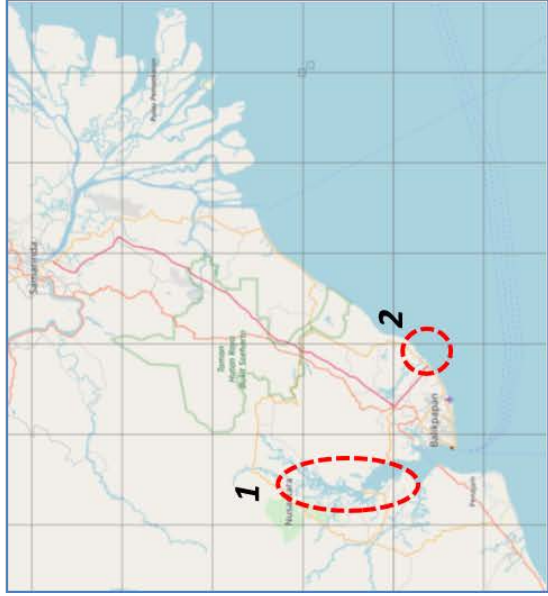
1-B Outline Map of Nominated Area



17 Samarinda (I)

Planned AtoN (Nominated Area)

- 1 Alur IKN
- 2 Pelabuhan PPI Manggar



Planned AtoN

- 1 Rencana Hijau D
- 2 Rencana Merah E
- 3 Rencana Hijau F
- 4 Rencana Hijau G
- 5 Rencana Merah H
- 6 Rencana Merah I
- 7 Rencana Merah J

1 Alur IKN

- 1 (01° 05' 16.990" S 116° 44' 01.126" E)
- 2 (01° 05' 13.749" S 116° 43' 44.303" E)
- 3 (01° 04' 52.253" S 116° 43' 53.846" E)
- 4 (01° 04' 01.605" S 116° 44' 13.492" E)
- 5 (01° 04' 08.759" S 116° 43' 58.672" E)
- 6 (01° 02' 48.966" S 116° 44' 05.752" E)
- 7 (01° 06' 15.157" S 116° 43' 22.623" E)

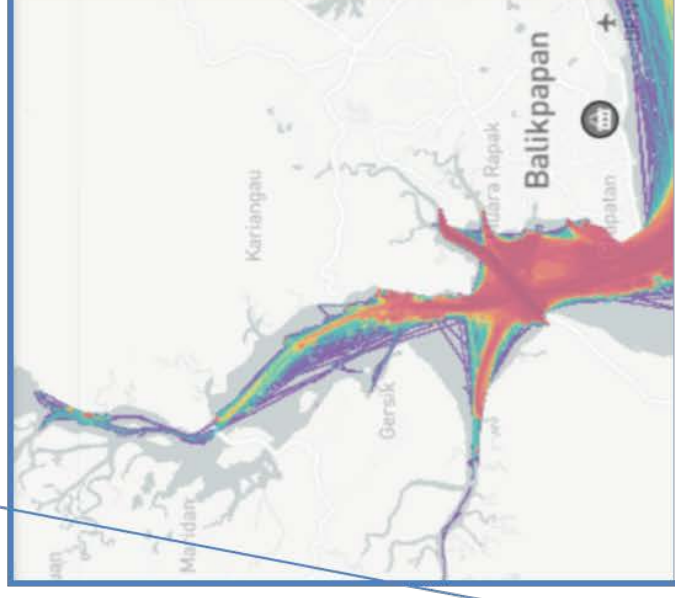
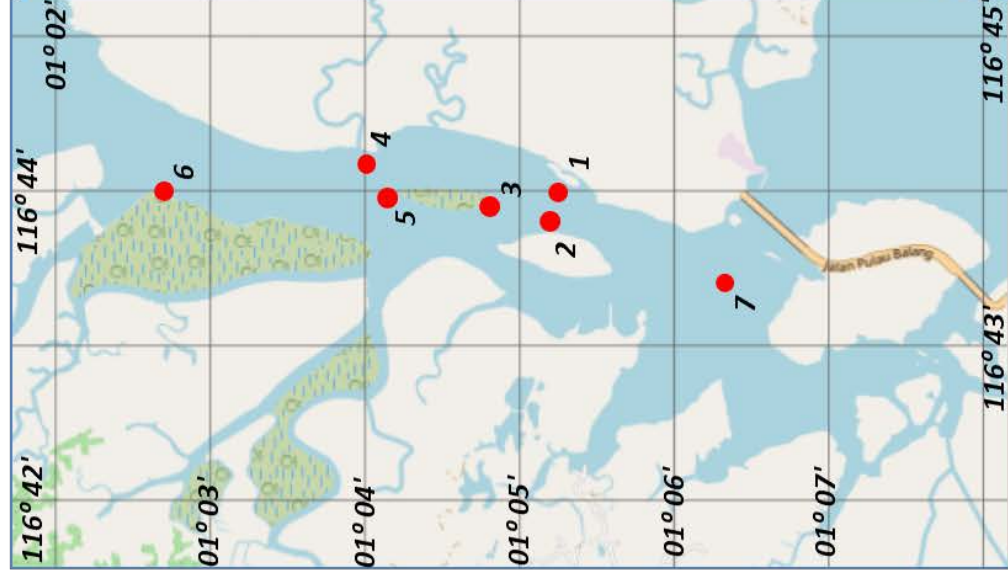


Planned AtoN (Lighted Buoy)

1 Alur IKN

- 1 Rencana Hijau D
- 2 Rencana Merah E
- 3 Rencana Hijau F
- 4 Rencana Hijau G
- 5 Rencana Merah H
- 6 Rencana Merah I
- 7 Rencana Merah J

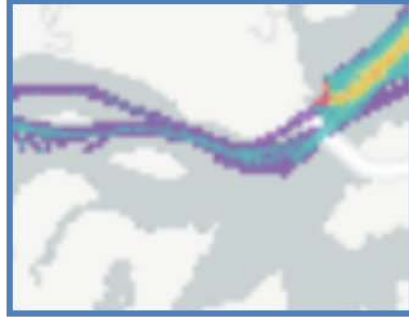
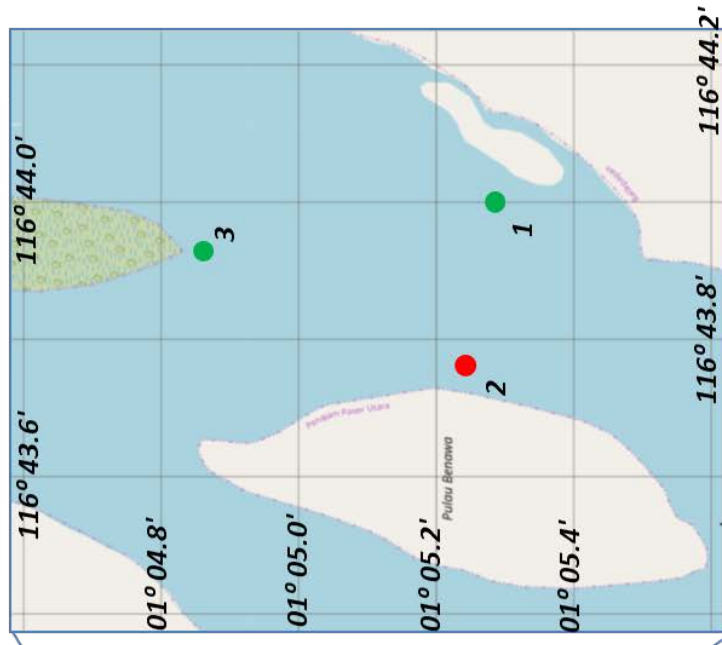
- 1 (01° 05' 16.990" S 116° 44' 01.126" E)
- 2 (01° 05' 13.749" S 116° 43' 44.303" E)
- 3 (01° 04' 52.253" S 116° 43' 53.846" E)
- 4 (01° 04' 01.605" S 116° 44' 13.492" E)
- 5 (01° 04' 08.759" S 116° 43' 58.672" E)
- 6 (01° 02' 48.966" S 116° 44' 05.752" E)
- 7 (01° 06' 15.157" S 116° 43' 22.623" E)



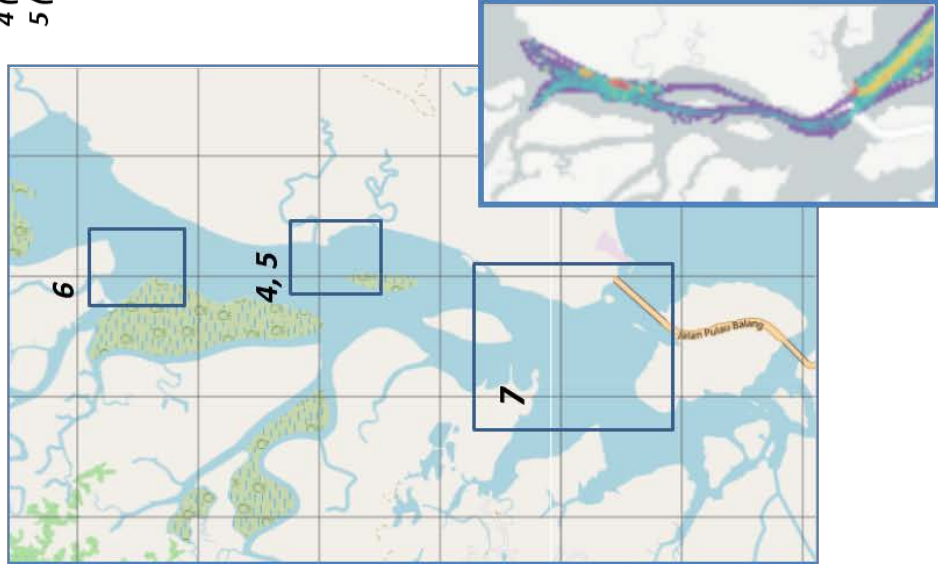
Planned AtoN (Lighted Buoy)

- 1 Rencana Hijau D
- 2 Rencana Merah E
- 3 Rencana Hijau F

- 1 (01° 05' 16.990" S 116° 44' 01.126" E)
- 2 (01° 05' 13.749" S 116° 43' 44.303" E)
- 3 (01° 04' 52.253" S 116° 43' 53.846" E)



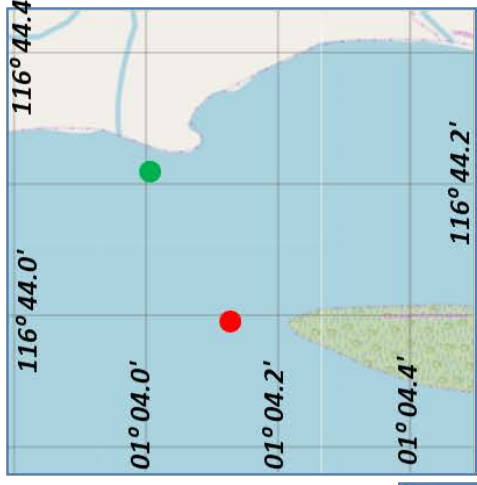
Planned AtoN (Lighted Buoy)



4 Rencana Hijau G

5 Rencana Merah H

4 (01° 04' 01.605" S 116° 44' 13.492" E)
5 (01° 04' 08.759" S 116° 43' 58.672" E)



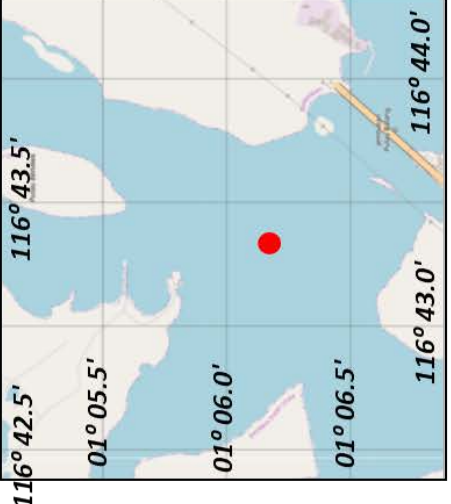
6 Rencana Merah I

6 (01° 02' 48.966" S 116° 44' 05.752" E)



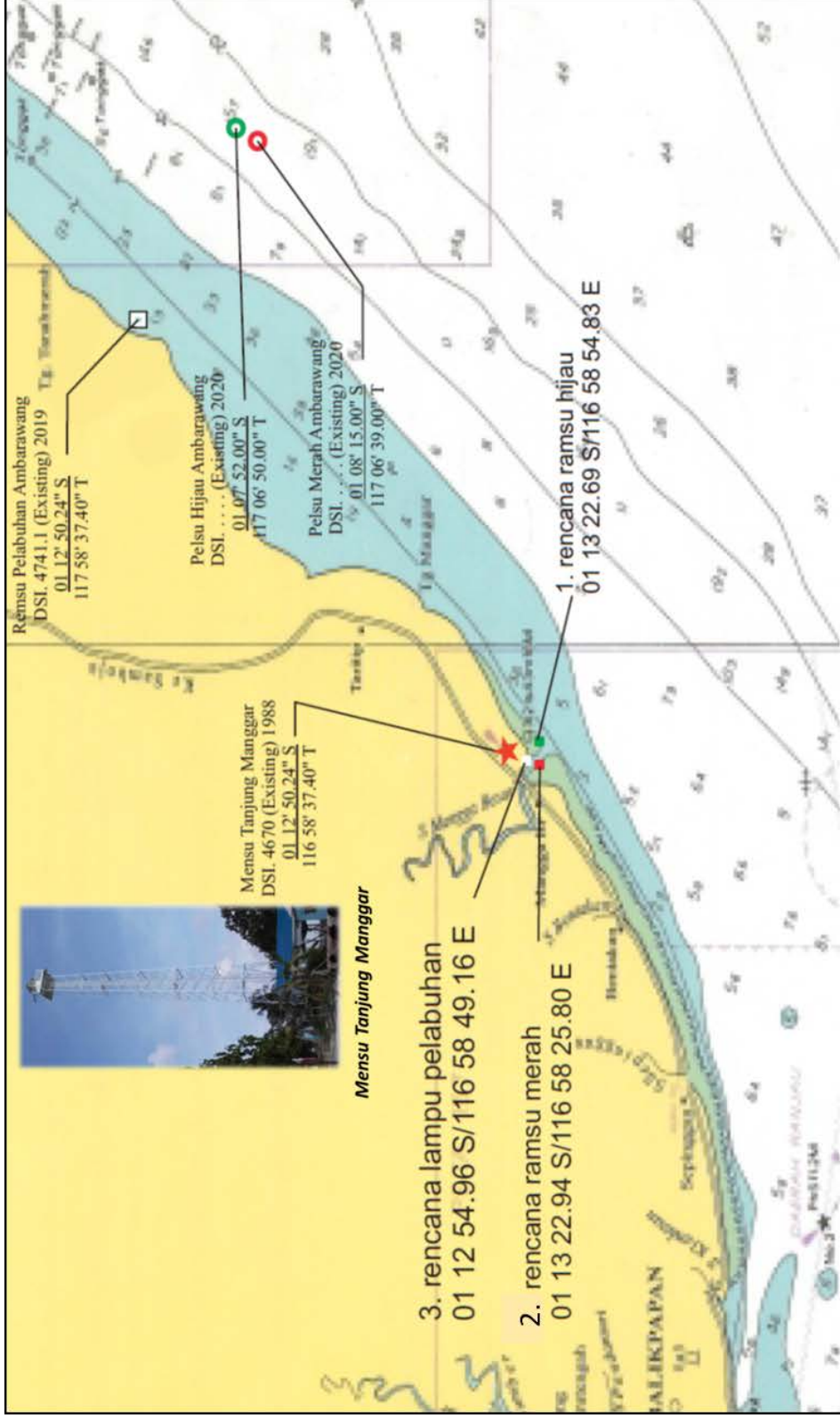
7 Rencana Merah J

7 (01° 06' 15.157" S 116° 43' 22.623" E)



Planned AtoN (Lighted Beacon)

- | | |
|-------------------------|----------------------------------------|
| 1 Rambu Suar Hijau | 1 (01° 13' 22.69" S 116° 58' 54.83" E) |
| 2 Pelabuhan PPI Manggar | 2 (01° 13' 22.94" S 116° 58' 25.80" E) |
| 3 Lampu Pelabuhan | 3 (01° 12' 54.96" S 116° 58' 49.16" E) |



Planned AtoN (Lighted Beacon)

2 Pelabuhan PPI Manggar

- 1 Rambu Suar Hijau
- 2 Rambu Suar Merah
- 3 Lampu Pelabuhan

- 1 (01° 13' 22.69" S 116° 58' 54.83" E)
- 2 (01° 13' 22.94" S 116° 58' 25.80" E)
- 3 (01° 12' 54.96" S 116° 58' 49.16" E)



Sheet ③ Reporting Format for List of Planned Aton
Lembar ③ (Format Pelaporan Daftar Aton yang direncanakan)

Name of Sea Area / Port : Alur IKN
 District : Samarinda (17)
 Chart No (Name) : Fill Out (Diisi)

Reference Number (Nomor Referensi)	Location (Fill out) / Lokasi (Diisi)			Aid (Type dan Spesifikasi Alat Bantu)		Category (Kategori)		Type of Marks (Tipe dari Tanda)					Top Marks	
	Name of Aton (Nama Aton)	Position (Posisi)		Type (*1)	Specification (*2)	Sea Area (*3) (Area Laut)	Significance (*4) (Signifikansi)	Lateral (*5)	Cardinal (*6)	Special (*7) Khusus	Light Color (*8) (Warna lampu)	Category (*9) Kategori	Shape (*10) Bentuk	
		Longitude Garis Bujur	Latitude Garis Lintang											
1	Rencana Hijau D	01°5' 16,980" S	116° 44' 1,126" E	Lighted Buoy	Short-range Light	Inland waters (River) (Perairan Dalam (Sungai))	Category 2 (Important/Penting)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Green (Hijau)	1 LATERAL MARKS	1-③ Single green cone, point upwards / Kerucut hijau tunggal, mengarah ke atas	
2	Rencana Merah E	01° 9' 13,749" S	116° 43' 44,303" E	Lighted Buoy	Short-range Light	Inland waters (River) (Perairan Dalam (Sungai))	Category 2 (Important/Penting)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Red (Merah)	1 LATERAL MARKS	1-① Single red cylinder (can) / Silinder merah tunggal (kaleng)	
3	Rencana Hijau F	01° 4' 52,283" S	116° 48' 53,846" E	Lighted Buoy	Short-range Light	Inland waters (River) (Perairan Dalam (Sungai))	Category 2 (Important/Penting)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Green (Hijau)	1 LATERAL MARKS	1-③ Single green cone, point upwards / Kerucut hijau tunggal, mengarah ke atas	
4	Rencana Hijau G	01° 4' 1,605" S	116° 44' 13,492" E	Lighted Buoy	Short-range Light	Inland waters (River) (Perairan Dalam (Sungai))	Category 2 (Important/Penting)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Green (Hijau)	1 LATERAL MARKS	1-③ Single green cone, point upwards / Kerucut hijau tunggal, mengarah ke atas	
5	Rencana Merah H	01° 4' 8,759" S	116° 48' 58,672" E	Lighted Buoy	Short-range Light	Inland waters (River) (Perairan Dalam (Sungai))	Category 2 (Important/Penting)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Red (Merah)	1 LATERAL MARKS	1-① Single red cylinder (can) / Silinder merah tunggal (kaleng)	
6	Rencana Merah I	01° 2' 48,988" S	116° 44' 5,752" E	Lighted Buoy	Short-range Light	Inland waters (River) (Perairan Dalam (Sungai))	Category 2 (Important/Penting)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Red (Merah)	1 LATERAL MARKS	1-① Single red cylinder (can) / Silinder merah tunggal (kaleng)	
7	Rencana Merah J	01° 6' 15,157" S	116° 48' 22,623" E	Lighted Buoy	Short-range Light	Inland waters (River) (Perairan Dalam (Sungai))	Category 2 (Important/Penting)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Red (Merah)	1 LATERAL MARKS	1-① Single red cylinder (can) / Silinder merah tunggal (kaleng)	

Name of Sea Area / Port : Pelabuhan PPI Manggar
 District : Samarinda (17)
 Chart No (Name) : Fill Out (Diisi)

Reference Number (Nomor Referensi)	Location (Fill out) / Lokasi (Diisi)			Aid (Type dan Spesifikasi Alat Bantu)		Category (Kategori)		Type of Marks (Tipe dari Tanda)					
	Name of Aton (Nama Aton)	Position (Posisi)		Type (*1)	Specification (*2)	Sea Area (*3) (Area Laut)	Significance (*4) (Signifikansi)	Lateral (*5)	Cardinal (*6)	Special (*7) Khusus	Light Color (*8) (Warna lampu)	Category (*9) Kategori	Shape (*10) Bentuk
		Longitude Garis Bujur	Latitude Garis Lintang										
1	Rambu Suar Hijau	01° 13' 22,68" S	116° 58' 54,83" E	Lighted Beacon	Medium-range Light	Coastal waters (Perairan Pantai)	Category 3 (Necessary/Perlu)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Green (Hijau)	1 LATERAL MARKS	1-③ Single green cone, point upwards / Kerucut hijau tunggal, mengarah ke atas
2	Rambu Suar Merah	01° 13' 22,94" S	116° 58' 25,80" E	Lighted Beacon	Medium-range Light	Coastal waters (Perairan Pantai)	Category 3 (Necessary/Perlu)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Red (Merah)	1 LATERAL MARKS	1-① Single red cylinder (can) / Silinder merah tunggal (kaleng)
3	Lampu Pelabuhan	01° 12' 54,96" S	116° 58' 49,16" E	Lighted Beacon	Medium-range Light	Harbor/Port (Restricted area) (Dermaag/Pelabuhan (area terbatas))	Category 3 (Necessary/Perlu)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	White (Putih)	6 Not Applicable (n/a) / Tidak Berlaku	6 Not Applicable (n/a) / Tidak Berlaku

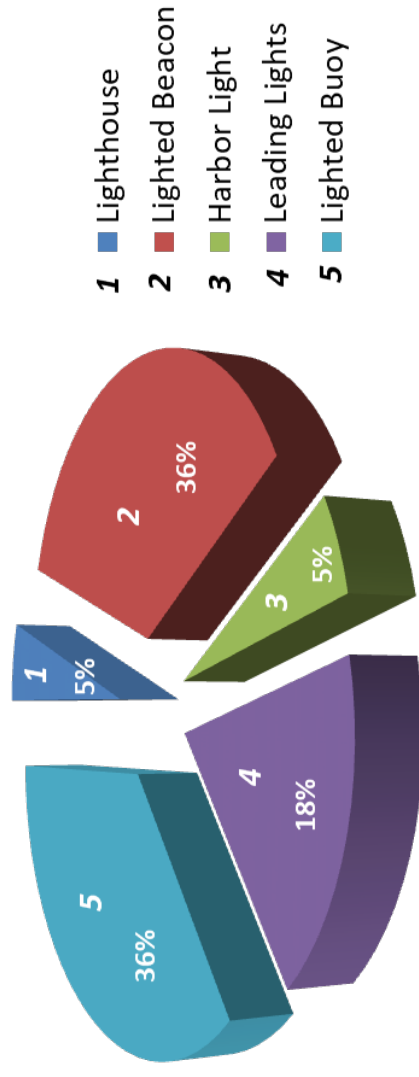
1-A Summary Table of Existing AtoN (Lighthouse)

Existing AtoN (Lighthouse)

Existing AtoN	Harbor/Port (Restricted area)
1 Tukong Hill	Harbor/Port (Restricted area)
2 Tg. Manggar	Coastal waters
3 Ambo	Offshore waters
4 Muara Pegah	Congested area
5 Tg. Mangkaliat	Coastal waters
6 P. Miang Besar	Offshore waters

AtoN Total : 119

**Lighthouse : 6, Lighted Beacon : 43, Harbor Light : 6,
Leading Lights : 21, Lighted Buoy : 43**

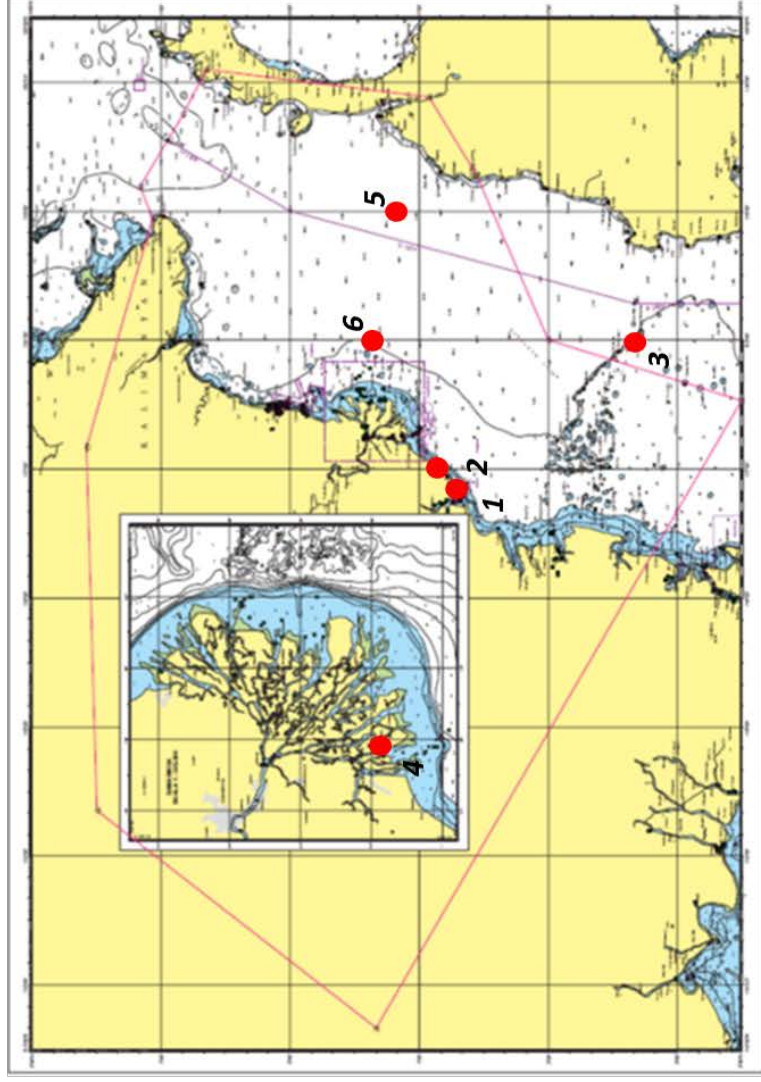
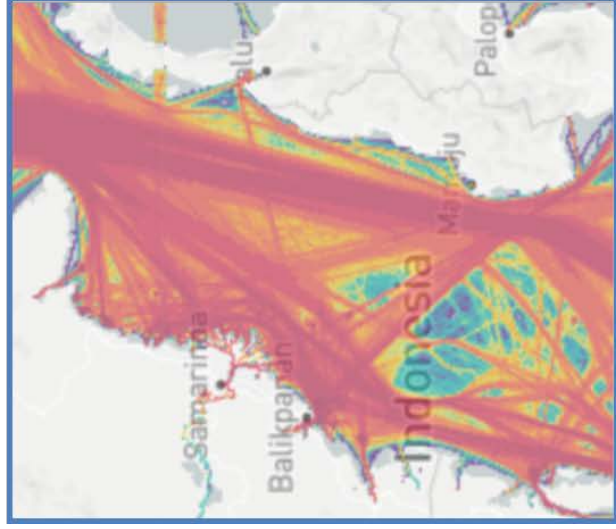


1-B Outline Map of Existing AtoN (Lighthouse)

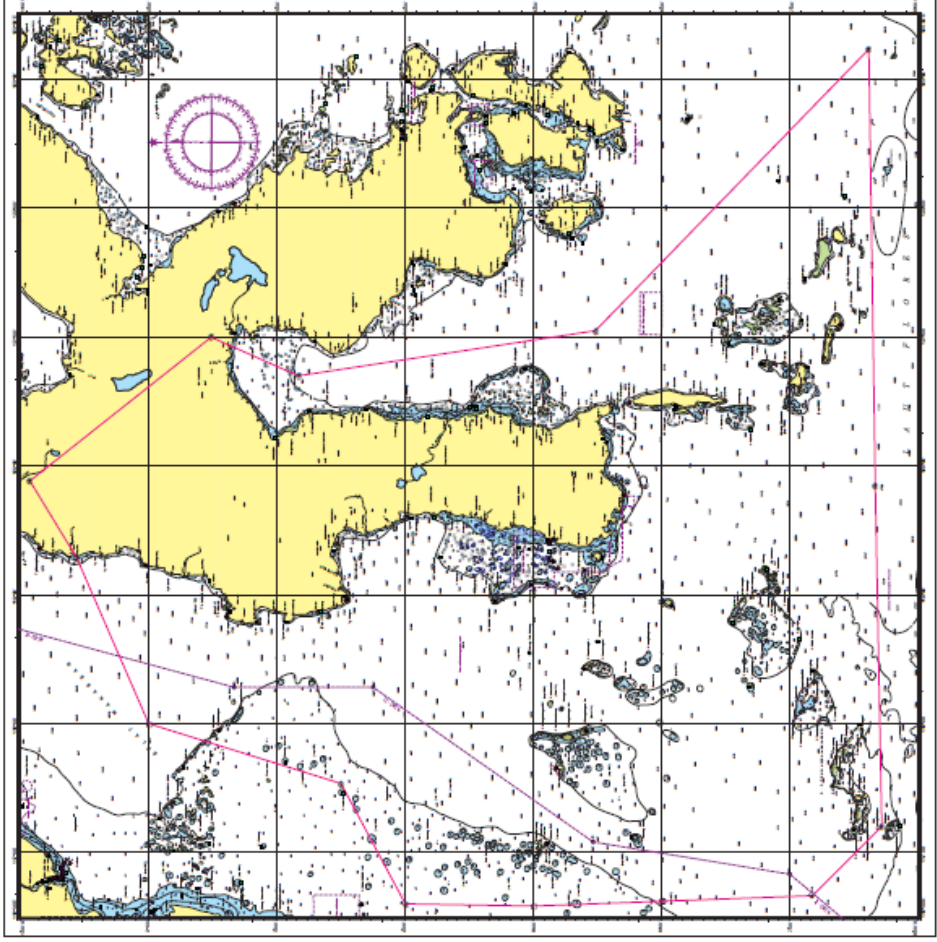
Existing AtoN (Lighthouse)

- 1 Tukong Hill
- 2 Tg. Manggar
- 3 Ambo
- 4 Muara Pegah
- 5 Tg. Mangkaliat
- 6 P. Miang Besar

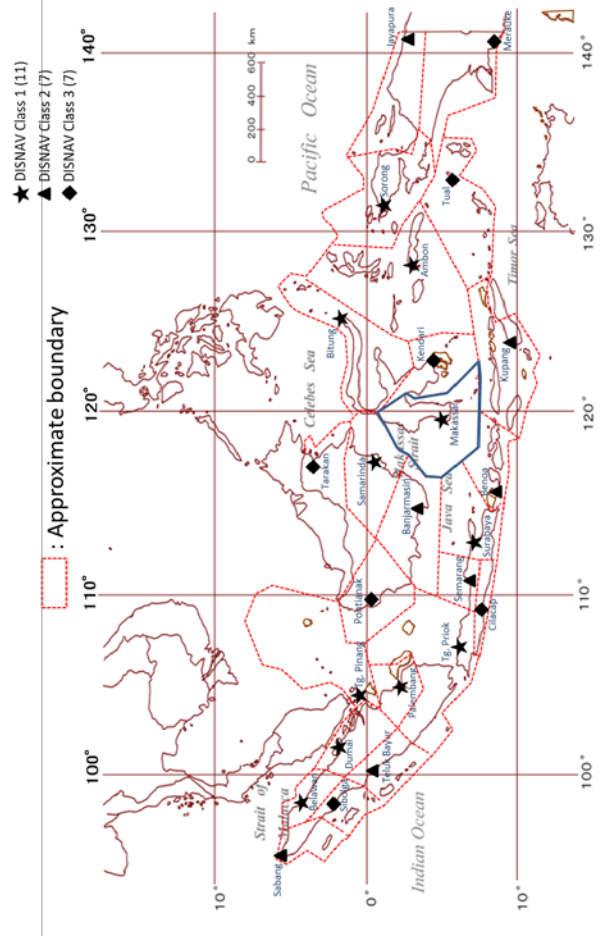
- 1 (01° 16' 30.0" S 116° 48' 30.0" E)
- 2 (01° 12' 48.0" S 116° 58' 37.0" E)
- 3 (02° 32' 30.0" S 117° 56' 50.0" E)
- 4 (00° 51' 38.5" S 117° 17' 51.0" E)
- 5 (00° 59' 30.0" S 118° 59' 00.0" E)
- 6 (00° 43' 01.2" S 118° 00' 44.0" E)



18 DISNAV Makassar



Outline of DISNAV Service Area



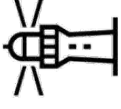
1-A Summary Table for Planned AtoN

18 DISNAV Makassar

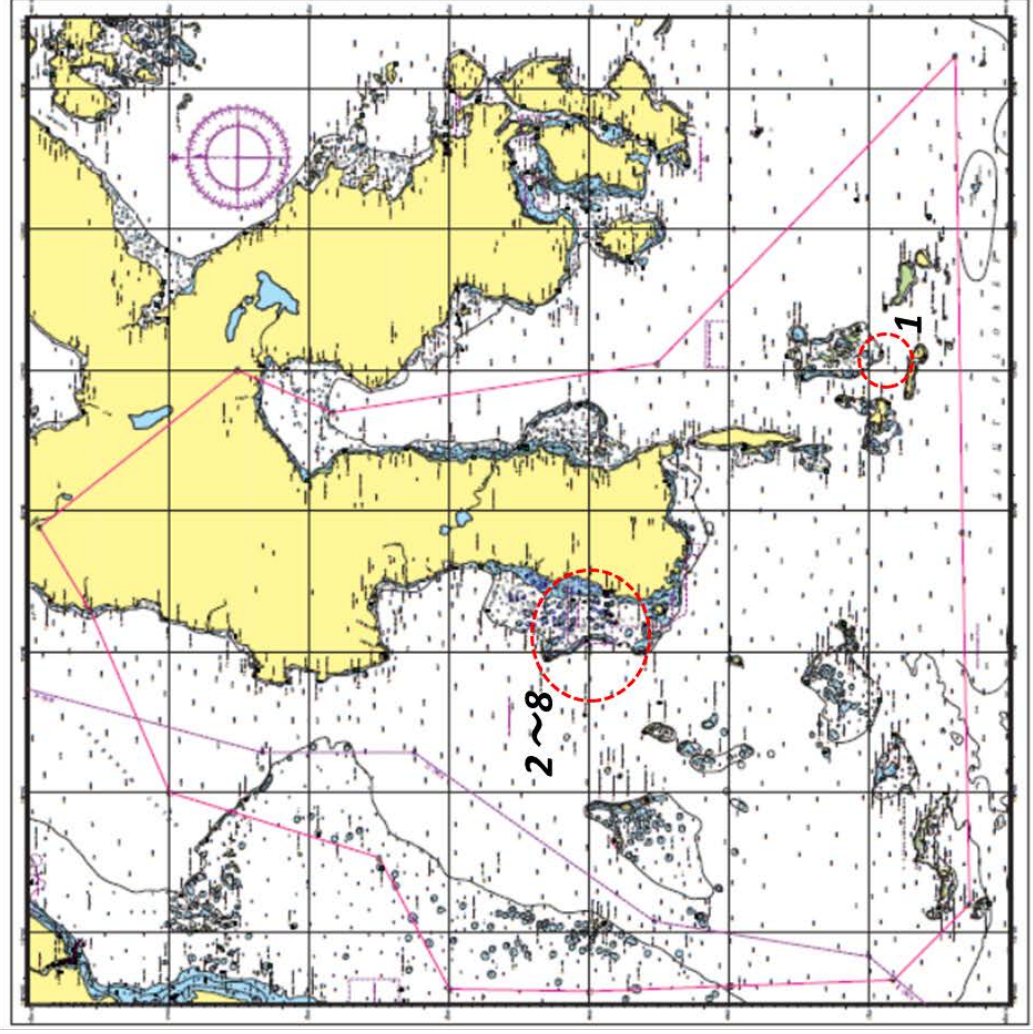
No	Area	Planned AtoN						Reference (Purpose)
		No	Name	Location		Type		
				Latitude	Longitude			
1	Pulau Pasitelu Raja	1	Buoy Pengenal	07° 04' 44.50" S	121° 07' 13.80" E	Lighted Buoy	Short-range Light	
2	Sea-area around Pulau Kodingareng	2	Buoy No. 2	05° 10' 28.12" S	119° 11' 33.48" E	"	"	
3		Bone Pamakeke	05° 11' 42.00" S	119° 12' 35.00" E	"	"		
4		Buoy No. 4	05° 06' 46.85" S	119° 17' 04.40" E	"	"		
5		Buoy No. 5	05° 07' 30.39" S	119° 15' 49.65" E	"	"		
6	Makassar	6	Buoy No. 9	05° 07' 22.00" S	119° 23' 32.00" E	"	"	
7		Buoy No. 8	05° 07' 11.00" S	119° 23' 54.00" E	"	"		
8		Kardinal Timur	05° 06' 19.50" S	119° 24' 24.66" E	"	"		

1-B Outline Map of Nominated Area

18 Makassar (I)



Location Map



Planned AtoN (Lighted Buoy)

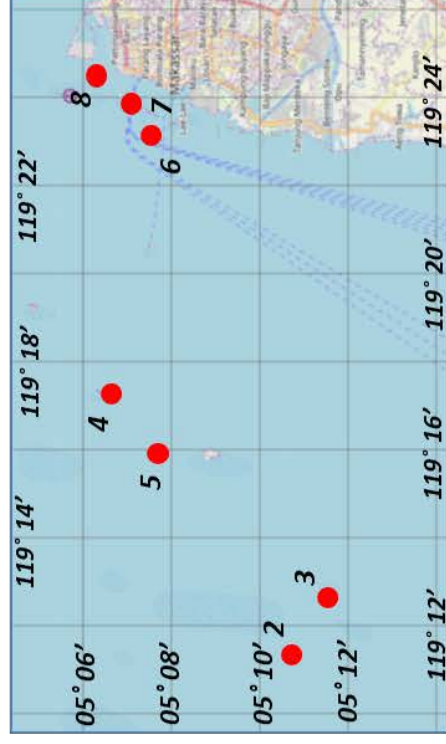
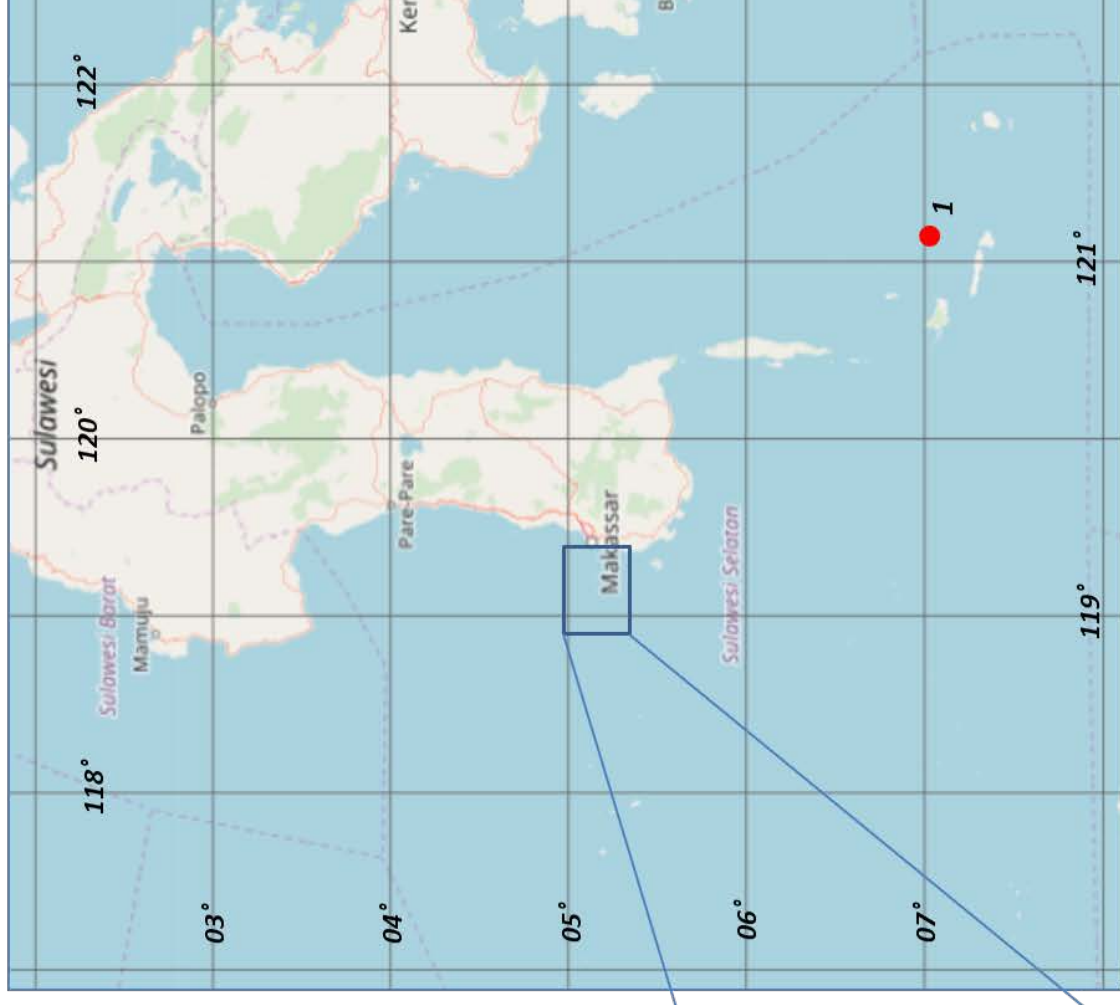
- 1 Buoy Pengenal
- 2 Buoy No. 2
- 3 Bone Pamakeke
- 4 Buoy No. 4
- 5 Buoy No. 5
- 6 Buoy No. 9
- 7 Buoy No. 8
- 8 Kardinal Timur

Planned AtoN (Lighted Buoy)

- 2 Buoy No. 2
- 3 Bone Pamakeke
- 4 Buoy No. 4
- 5 Buoy No. 5
- 6 Buoy No. 9
- 7 Buoy No. 8
- 8 Kardinal Timur
- 2 (05° 10' 28.12" S 119° 11' 33.48" E)
- 3 (05° 11' 42.00" S 119° 12' 35.00" E)
- 4 (05° 06' 46.85" S 119° 17' 04.40" E)
- 5 (05° 07' 30.39" S 119° 15' 49.65" E)
- 6 (05° 07' 22.00" S 119° 23' 32.00" E)
- 7 (05° 07' 11.00" S 119° 23' 54.00" E)
- 8 (05° 06' 19.50" S 119° 24' 24.66" E)

1 Buoy Pengenal

1 (07° 04' 44.50" S 121° 07' 13.80" E)



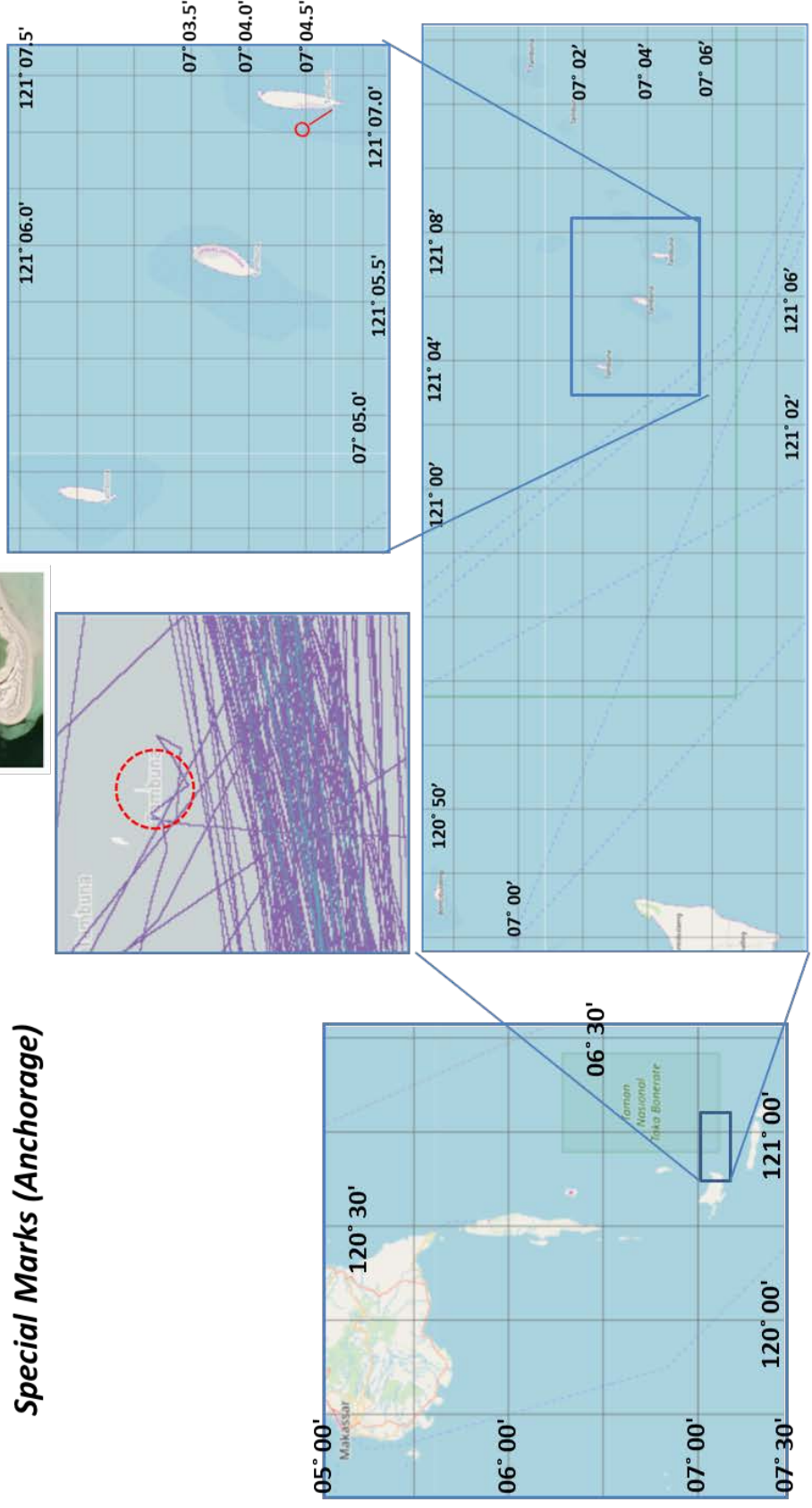
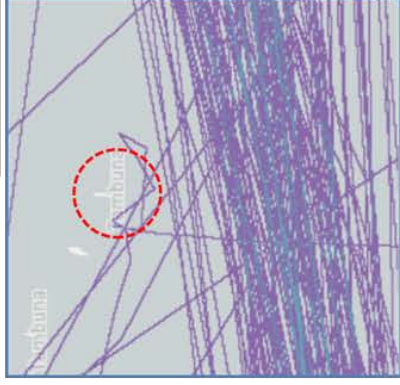
Planned AtoN (Lighted Buoy)

1 Buoy Pengenal

(07° 04' 44.50" S 121° 07' 13.80" E)



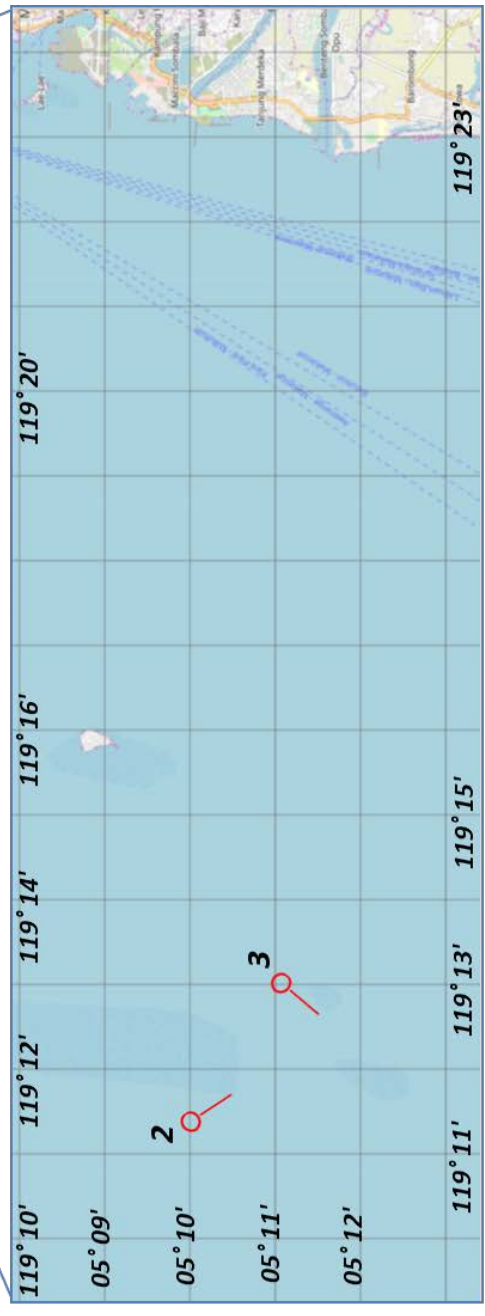
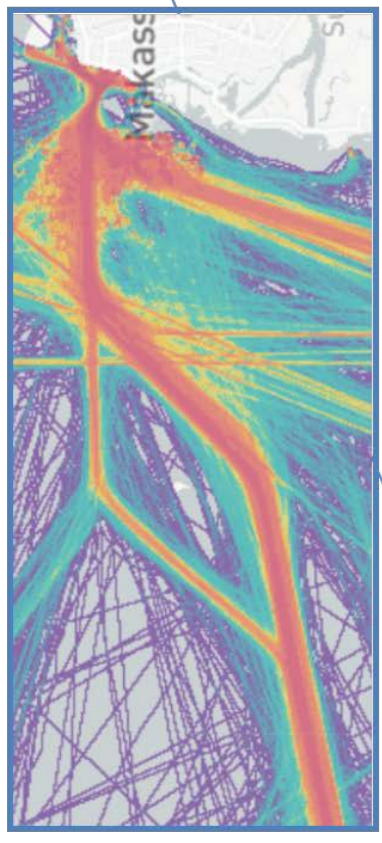
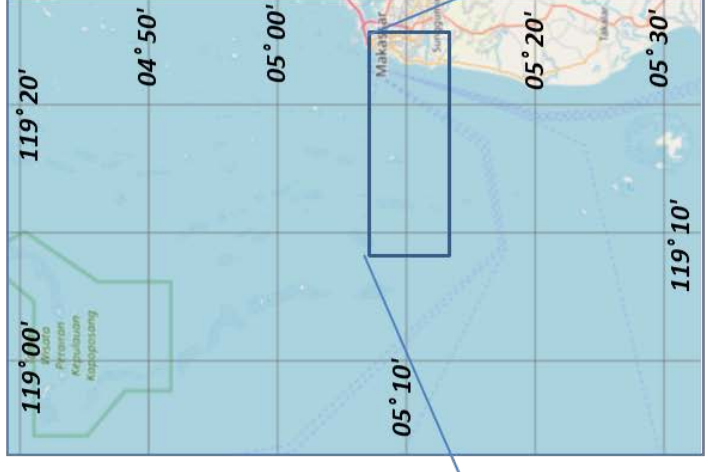
Special Marks (Anchorage)



Planned AtoN (Lighted Buoy)

- 2 Buoy No. 2
(05° 10' 28.12" S 119° 11' 33.48" E)
- 3 Buoy No. 3
(05° 11' 42.00" S 119° 12' 35.00" E)

Transition Mark



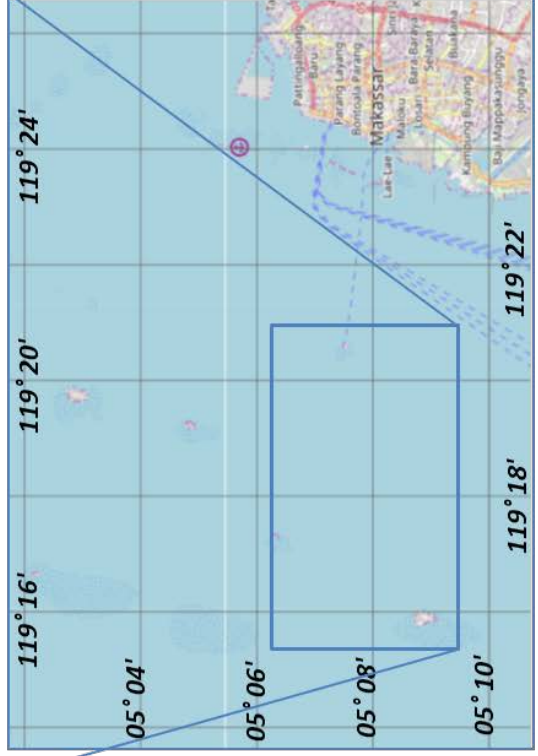
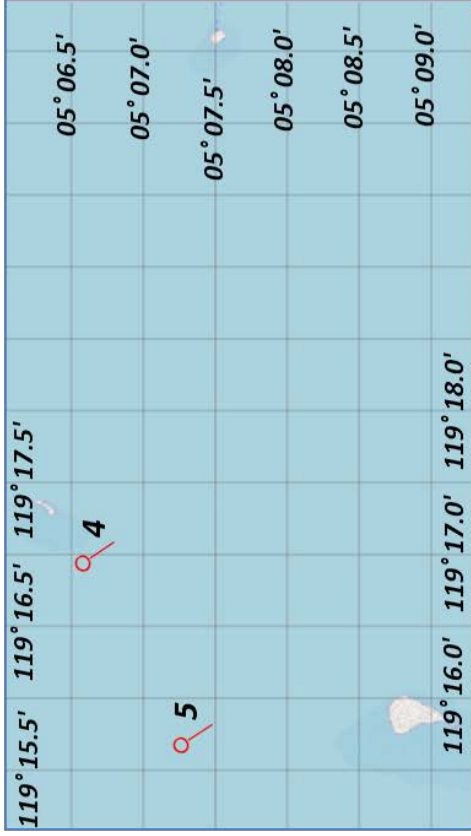
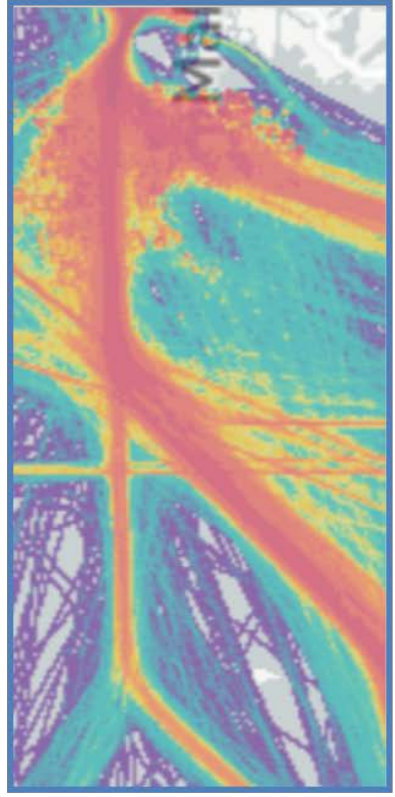
Planned AtoN (Lighted Buoy)

4 Buoy No. 4

5 Buoy No. 5

4 (05° 06' 46.85" S 119° 17' 04.40" E)

5 (05° 07' 30.39" S 119° 15' 49.65" E)



Planned AtoN (Lighted Buoy)

6 Buoy No. 9

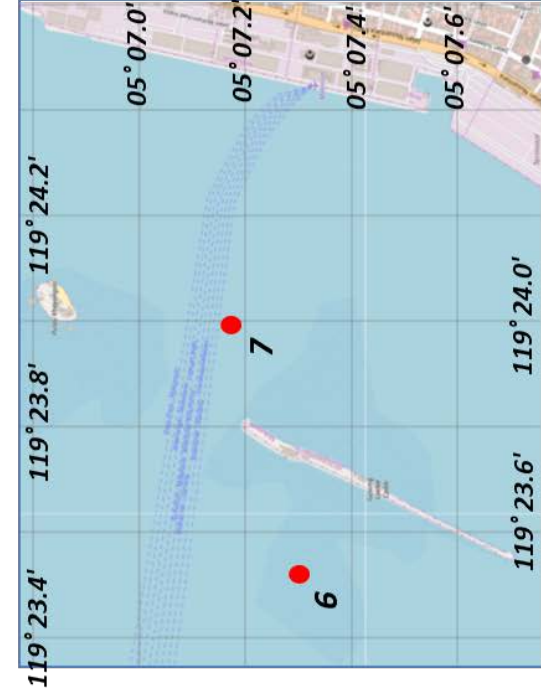
7 Buoy No. 8

8 Kardinal Timur

6 (05° 07' 22.00" S 119° 23' 32.00" E)

7 (05° 07' 11.00" S 119° 23' 54.00" E)

8 (05° 06' 19.50" S 119° 24' 24.66" E)



Sheet 3 Reporting Format for List of Planned AtoN
 Lembar 3 (Format Pelaporan Daftar AtoN yang direncanakan)

Name of Sea Area / Port : Perairan Makassar

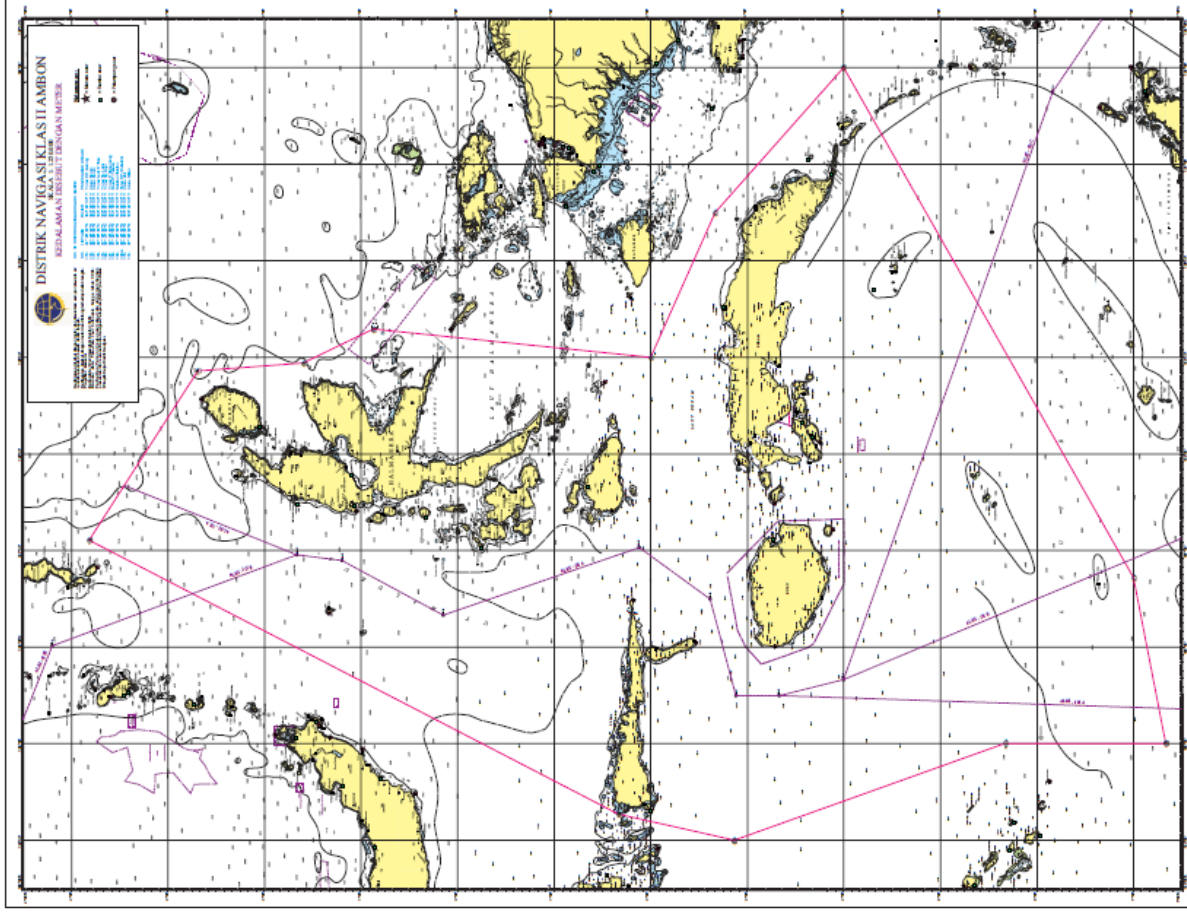
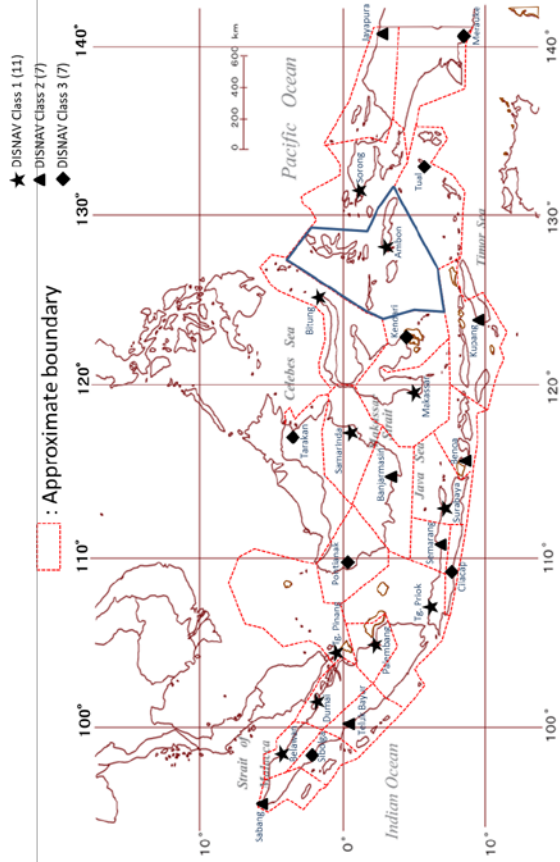
District : Makassar (18)

Chart No (Name) : Fill Out (Dilisi)

Reference Number (Nomor Referensi)	Location (Fill out / Lokasi (Disi))		Position (Posisi)		Aid (Tipe dan Spesifikasi AtoN)	Category (Kategori)			Type of Marks (Tipe dan Tanda)				Remarks/ Catatan
	Name of AtoN (Nama AtoN)	Longitude (Garis Bujur)	Latitude (Garis Lintang)	Sea Area (SA) (Area Laut)		Significance (4) (Signifikan)	Lateral (1-5)	Cardinal (1-6)	Special (7) (Khusus)	Light Color (1-8) (Warna Lampu)	Top Marks		
											Category (1-9) (Kategori)	Shape (1-10) (Bentuk)	
1	Buoy/Pengenal	07° 04' 44.57S	121° 07' 13.81 E	Medium/Net (Rectangular area) (Downsized/Rescaled) (perencanaan)	Category 1 (Vsb)	Preferred Channel of Starboard (Kanan) (Pihak Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Special Mark/ (Anchor)/Tanda Khusus (Anchor)	White (Putih)	3-L LATERAL MARKS	3-L Three crosses, one above the other / Tiga tiang, satu di atas yang lain		
2	Buoy No. 2	05° 17' 25.1195S	119° 11' 11.4947 E	Medium/Net (Rectangular area) (Downsized/Rescaled) (perencanaan)	Category 1 (Vsb)	Preferred Channel of Starboard (Kanan) (Pihak Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Red (Merah)	3-I ISOLATED DANGER MARKS	3-I Three crosses, one above the other / Tiga tiang, satu di atas yang lain		
3	Stone Pinnacle	05° 11' 42.07 S	119° 12' 35.07 E	Medium/Net (Rectangular area) (Downsized/Rescaled) (perencanaan)	Category 1 (Vsb)	Not Applicable (n/a) (Tidak Berlaku)	Starboard (Starboard)	Transition Mark / Tanda Peralihan	White (Putih)	3-L LATERAL MARKS	3-L Three crosses, one above the other / Tiga tiang, satu di atas yang lain		
4	Buoy No. 4	05° 06' 46.855S	119° 17' 08.4 E	Medium/Net (Rectangular area) (Downsized/Rescaled) (perencanaan)	Category 1 (Vsb)	Preferred Channel of Starboard (Kanan) (Pihak Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Safe Water Mark/Tanda Peringatan Aman	Red (Merah)	3-L LATERAL MARKS	3-L Three red spheres / Tiga bola merah		
5	Buoy No. 5	05° 07' 30.397 S	119° 15' 49.06 E	Medium/Net (Rectangular area) (Downsized/Rescaled) (perencanaan)	Category 2 (Important/Peringatan)	Preferred Channel of Port (Kiri) (Pihak Perisuban)	Not Applicable (n/a) (Tidak Berlaku)	Approach Mark/ Tanda Pendekatan	Green (Hijau)	3-L LATERAL MARKS	3-L Three green spheres (bola)		
6	Buoy No. 9	05° 07' 22.005S	119° 23' 32.00E	Medium/Net (Rectangular area) (Downsized/Rescaled) (perencanaan)	Category 2 (Important/Peringatan)	Preferred Channel of Port (Kiri) (Pihak Perisuban)	Not Applicable (n/a) (Tidak Berlaku)	Approach Mark/ Tanda Pendekatan	Green (Hijau)	3-L LATERAL MARKS	3-L Three green spheres (bola)		
7	Buoy No. 8	05° 07' 11.07 S	119° 23' 54.07E	Medium/Net (Rectangular area) (Downsized/Rescaled) (perencanaan)	Category 2 (Important/Peringatan)	Preferred Channel of Starboard (Kanan) (Pihak Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Approach Mark/ Tanda Pendekatan	Red (Merah)	3-L LATERAL MARKS	3-L Three crosses, one above the other / Tiga tiang, satu di atas yang lain		
8	Cardinal Timur	05° 06' 19.597 S	119° 24' 24.40 E	Medium/Net (Rectangular area) (Downsized/Rescaled) (perencanaan)	Category 2 (Important/Peringatan)	Preferred Channel of Port (Kiri) (Pihak Perisuban)	Not Applicable (n/a) (Tidak Berlaku)	Approach Mark/ Tanda Pendekatan	White (Putih)	3-C CARDINAL MARKS	3-C Three crosses, one above the other, all being same / Tiga tiang, satu di atas yang lain, semuanya sama		

21 DISNAV Ambon

Outline of DISNAV Service Area



1-A Summary Table for Planned AtoN

21 DISNAV Ambon

No	Area	Planned AtoN						Reference (Purpose)
		No	Name	Location		Type		
				Latitude	Longitude			
1	Pulau Seram	a	Mensu Tg. Galala	-----	-----	Lighthouse	Landfall Light	
		d	Ramsu Waisikula	-----	-----	Lighthouse		
2	Pulau Geser	b	Ramsu Tg. Marthafons	-----	-----	Lighthouse	"	
		c	Ramsu Wainitu/Benteng	-----	-----	Lighthouse		"

1-B Outline Map of Planned AtoN

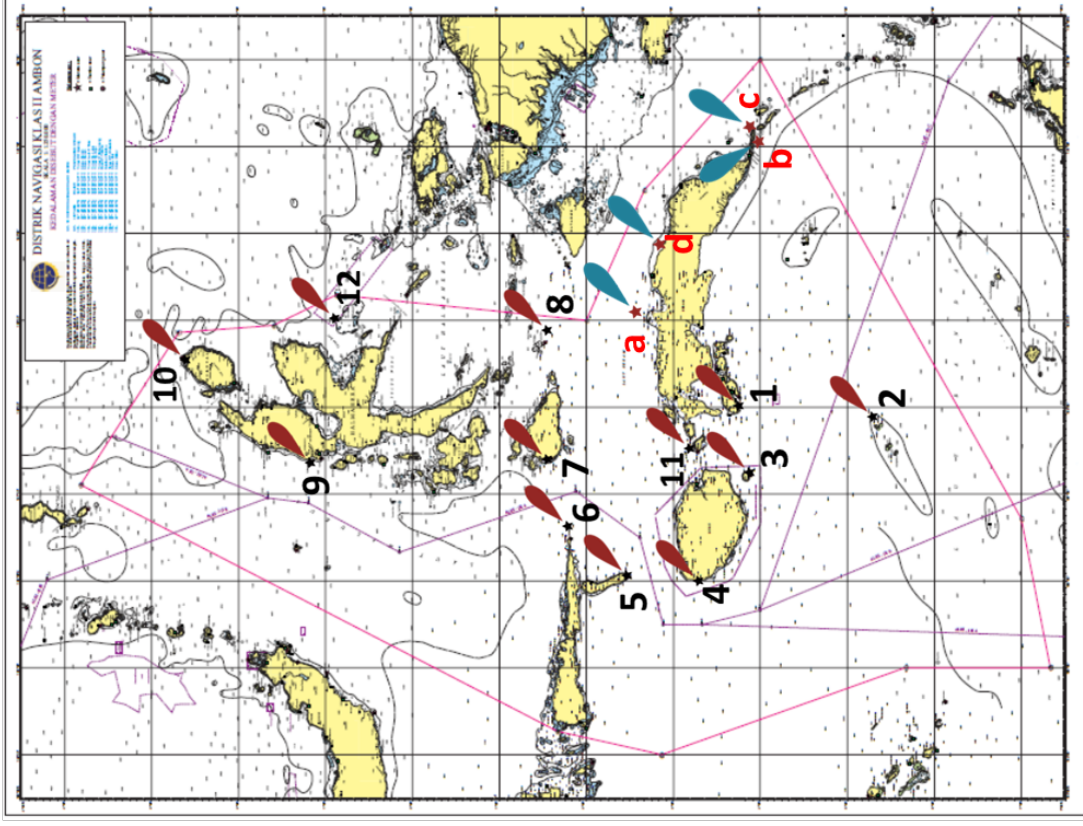
21 Ambon (I)

Planned AtoN (Lighthouse)

a ~ d : Planned AtoN

a	Mensu Tg. Galala	02°45'24.6" S /	129°30'56.8" E
f	Peisu Teluk Dalam 2 (Pangkalan TNI AL)	02°45'24.6" S /	129°30'56.8" E
j	Ramsu Pelembuan Perikanan Nusantara	02°45'24.6" S /	129°30'56.8" E
b	Ramsu Tg. Marthafons	03°53'24.0" S /	130°53'12.0" E
g	Tanda Slang W. Batu Gajah Estury	03°53'24.0" S /	130°53'12.0" E
k		03°53'24.0" S /	130°53'12.0" E
c	Ramsu Wainitu/Benteng	03°51'58.0" S /	130°53'54.0" E
l	Ramsu Pelembuan Yos Soedarto (Pelindo)	03°51'58.0" S /	130°53'54.0" E
d	Ramsu Waisikula	02°53'40.6" S /	129°48'35.0" E
e	Peisu Teluk Dalam 1 (Pangkalan TNI AL)	02°53'40.6" S /	129°48'35.0" E
i	Ramsu Pelembuan Pertamina Wayame (Pe	02°53'40.6" S /	129°48'35.0" E
m	Ramsu Pelembuan Pertamina Wayame (Pe	02°53'40.6" S /	129°48'35.0" E

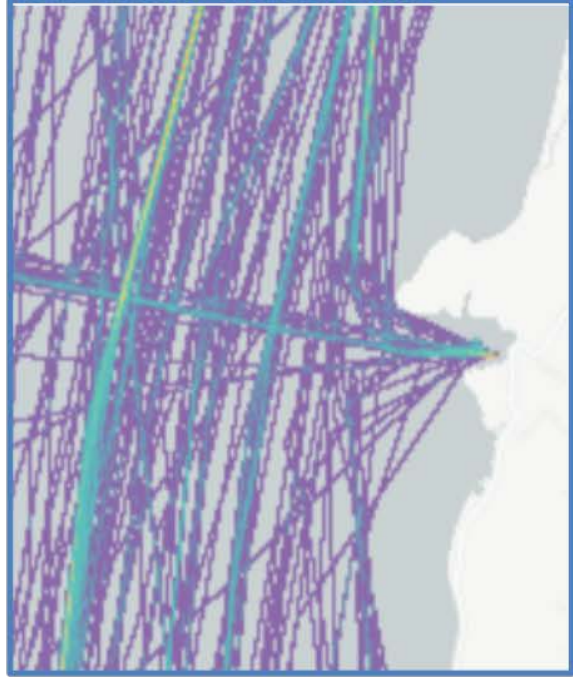
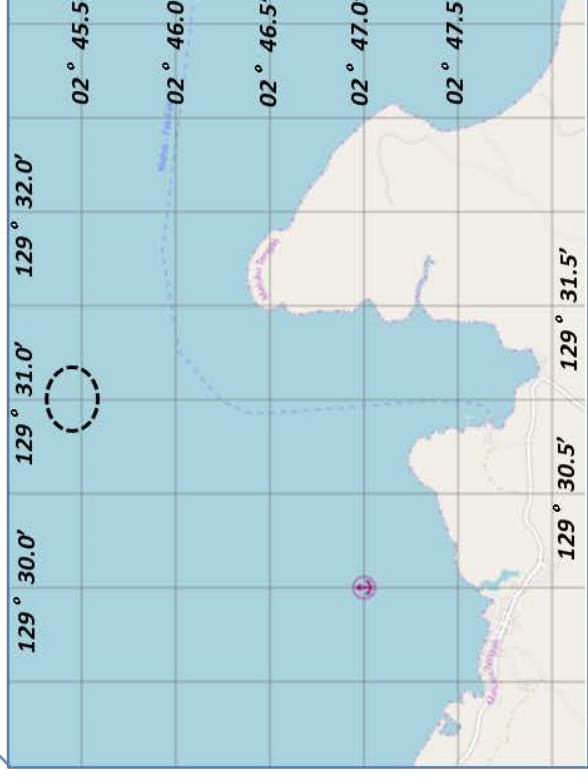
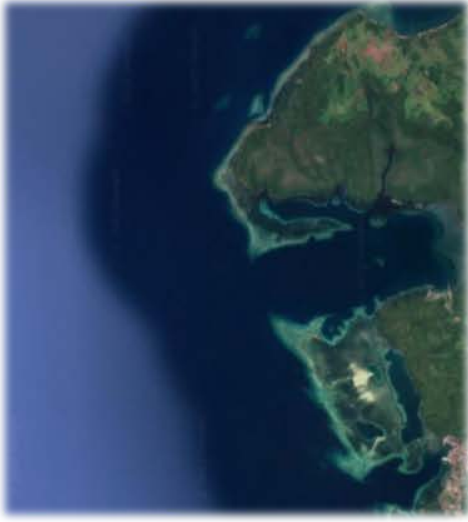
1 ~ 12 : Existing AtoN (Lighthouse)



Planned AtoN (Lighthouse)

a Mensu Tg. Galala

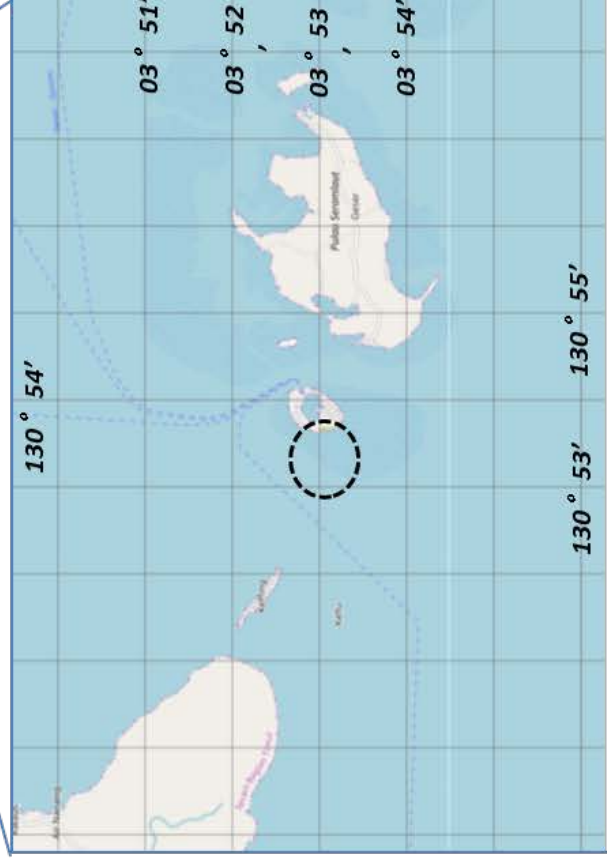
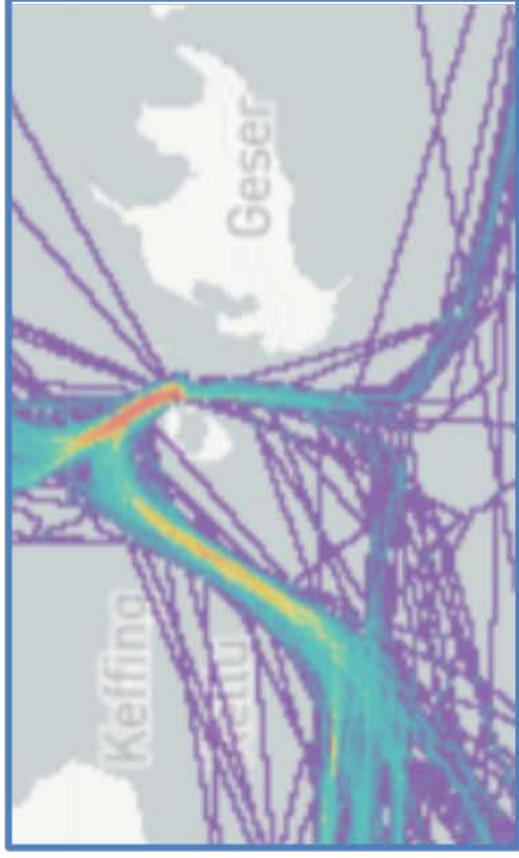
(02° 45' 24.6" S 129° 30' 56.8" E)



Planned AtoN (Lighthouse)

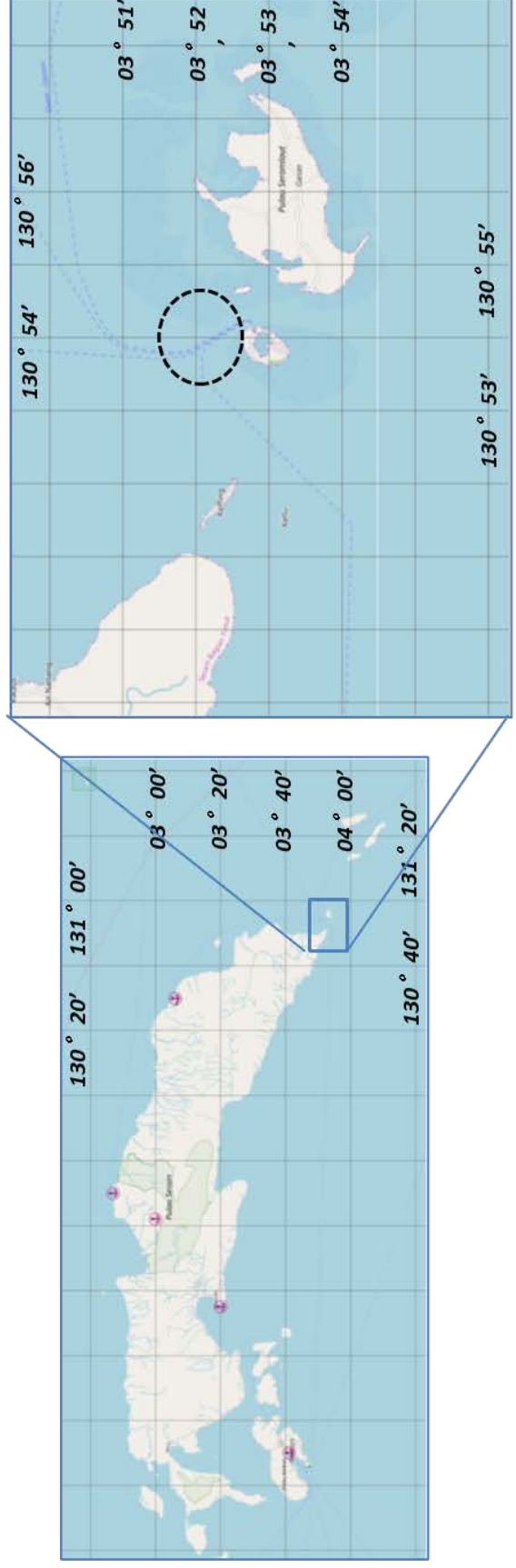
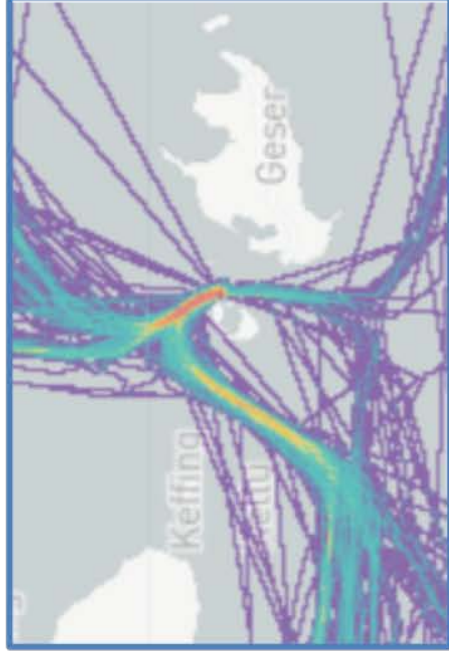
b Ramsu Tg. Marthafons

(03° 53'24.0" S 130° 53'12.0" E)



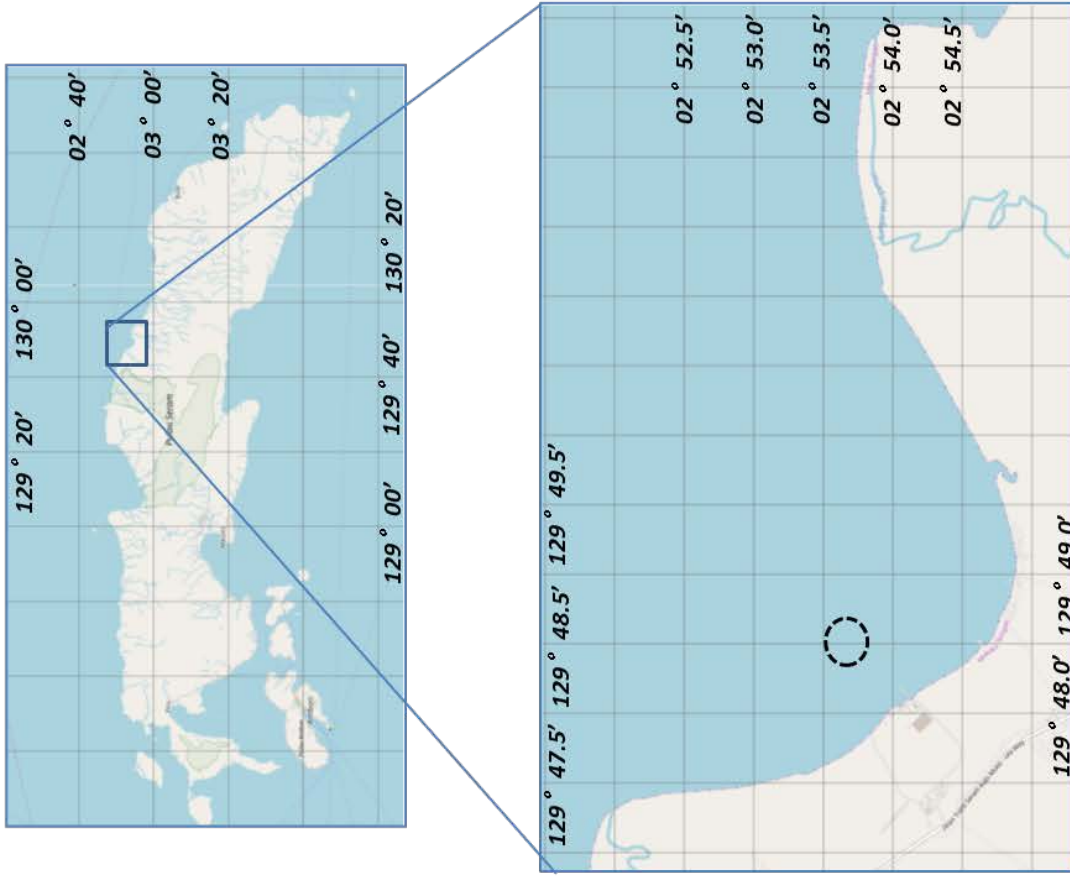
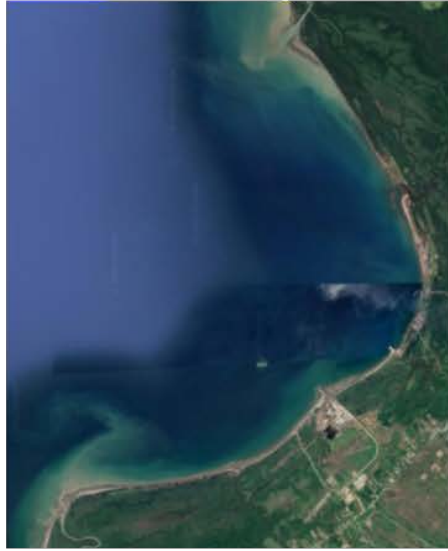
Planned AtoN (Lighthouse)

c Ramsu Wainitu/Benteng
(03° 51'58.0" S 130° 53'54.0" E)



Planned AtoN (Lighthouse)

d Ramsu Waisikula
(02° 53'40.6" S 129° 48'35.0" E)



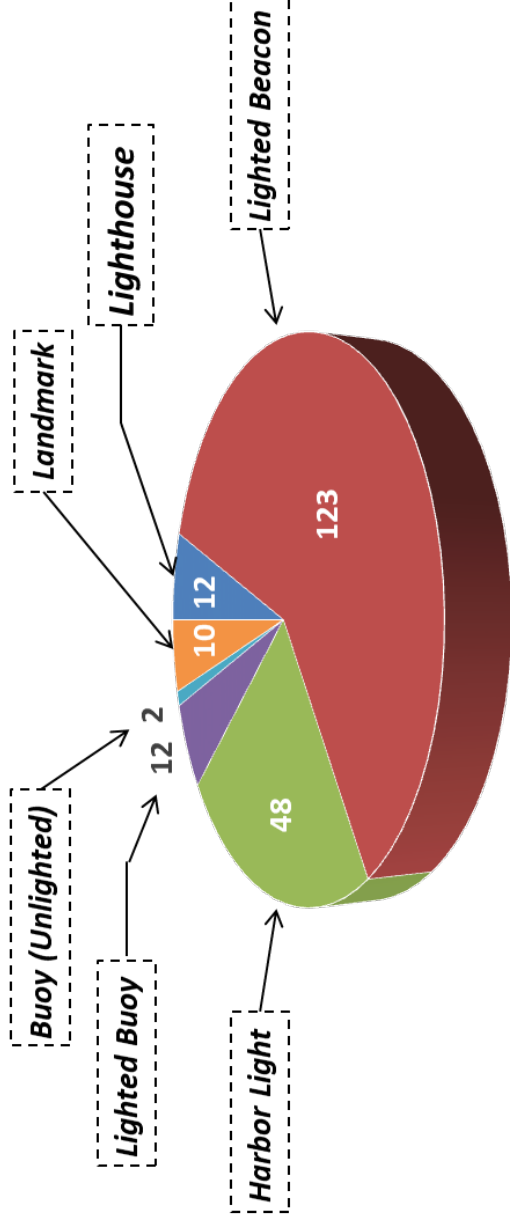
1-A Summary Table of Existing AtoN (Lighthouse)

Existing AtoN (Lighthouse)

1 Tg. Nusaniwe	7 Tg. Akelamo
2 Pulau May	8 Pulau Lawin
3 Tg. Bartutui	9 Tg. Babo
4 Pulau Fogi	10 Tg. Sopi
5 Tg. Waka	11 Pulau Suanggi
6 Tg. Dehekalano	12 Pulau Yiew

AtoN Total : 207

**Lighthouse : 12, Lighted Beacon : 123, Harbor Light : 48,
Lighted Buoy : 12, Buoy (Unlighted) : 2, Landmark : 10**

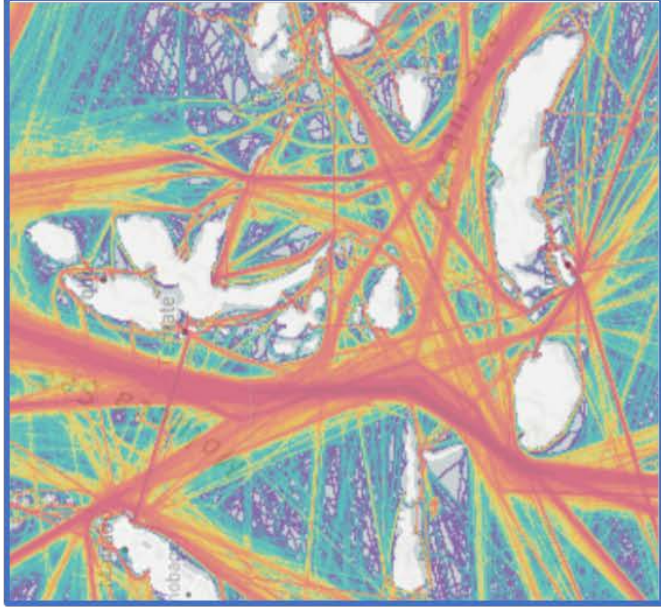
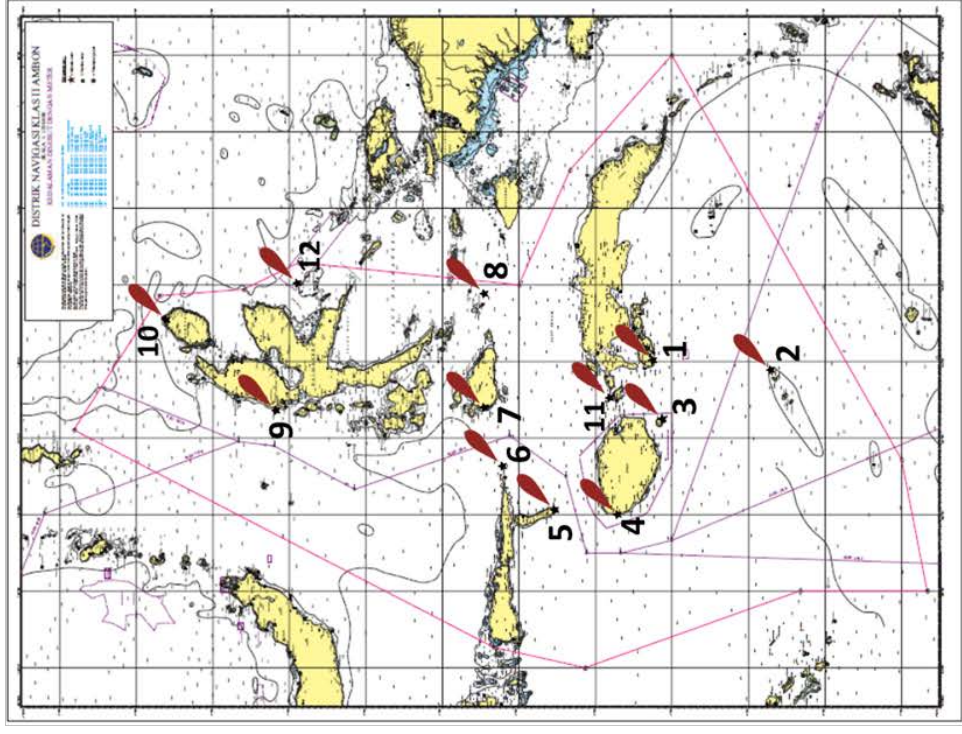


1-B Outline Map of Existing AtoN

21 Ambon (I)

Existing AtoN (Lighthouse)

- 1 Tg. Nusaniwe
- 2 Pulau May
- 3 Tg. Bartutui
- 4 Pulau Fogi
- 5 Tg. Waka
- 6 Tg. Dehekalano
- 7 Tg. Akelamo
- 8 Pulau Lawin
- 9 Tg. Babo
- 10 Tg. Sopi
- 11 Pulau Suanggi
- 12 Pulau Yiew



Existing AtoN (Lighthouse)

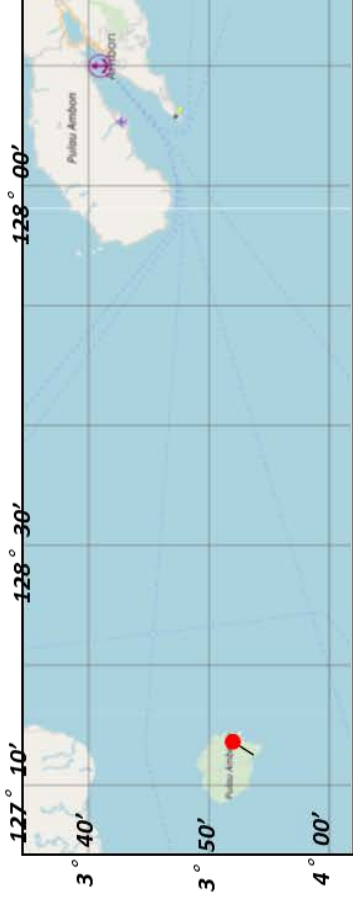
1 Tg.Nusaniwe

(03° 47' 12.2292"S 128° 05' 43.9155"E)



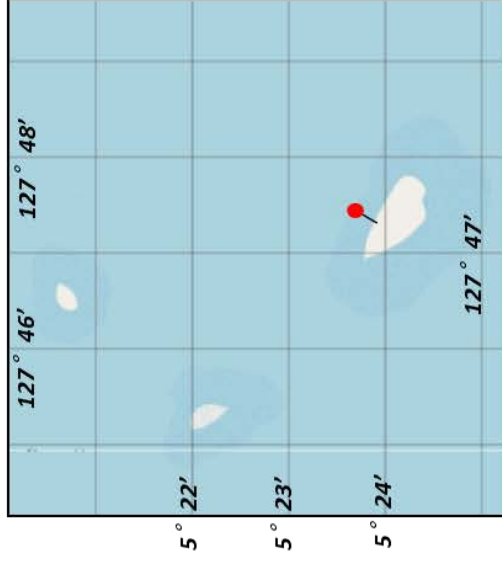
3 Tg Bartutui

(03° 54' 11.22709"S 127° 12' 49.3582"E)



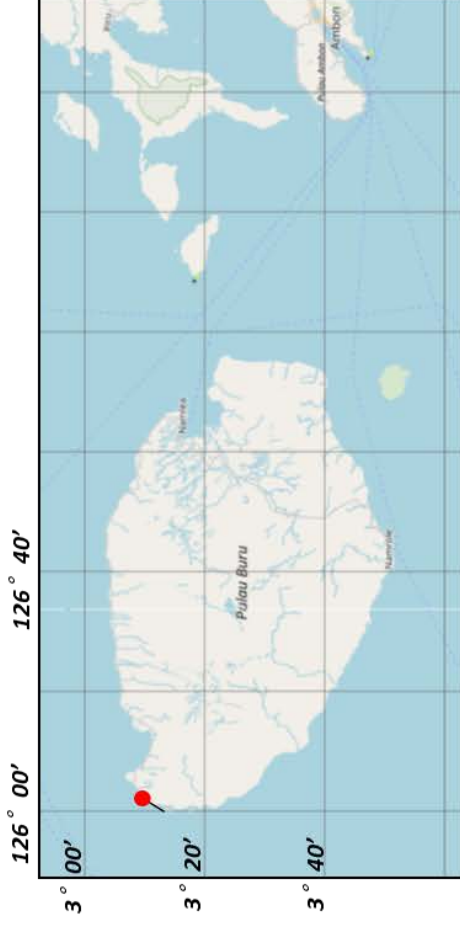
2 Pulau May

(05° 23' 56.33834"S 127° 47' 20.52030"E)



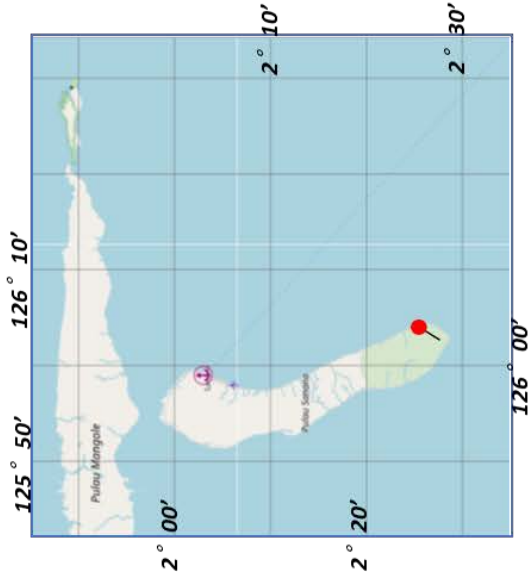
4 Pulau Fogi

(03° 17' 21.13175"S 125° 59' 52.77737"E)



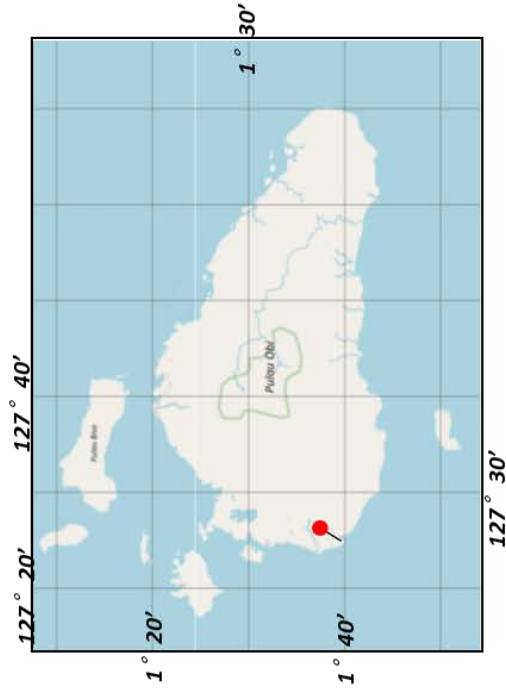
5 Tg. Waka

(02° 28' 32.43143"S 126° 02' 57.64004"E)



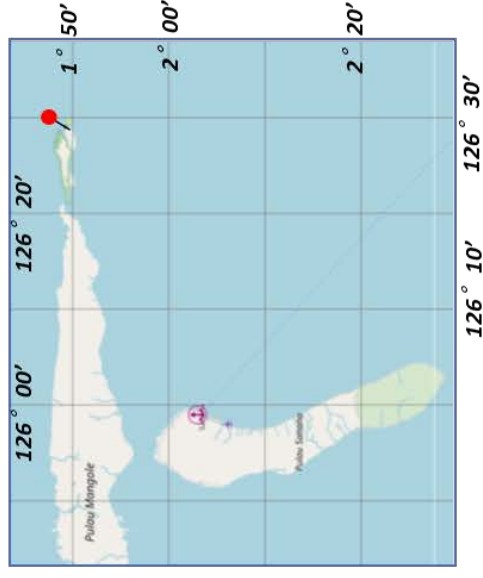
7 Tg. Akelamo

(01° 39' 40.12259"S 127° 24' 31.58829"E)



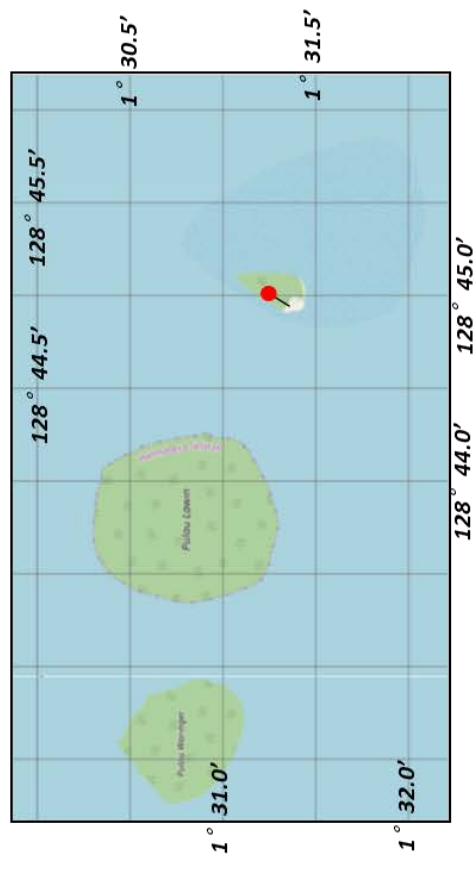
6 Tg. Dehekalano

(01° 49' 14.46661"S 126° 29' 06.27161"E)



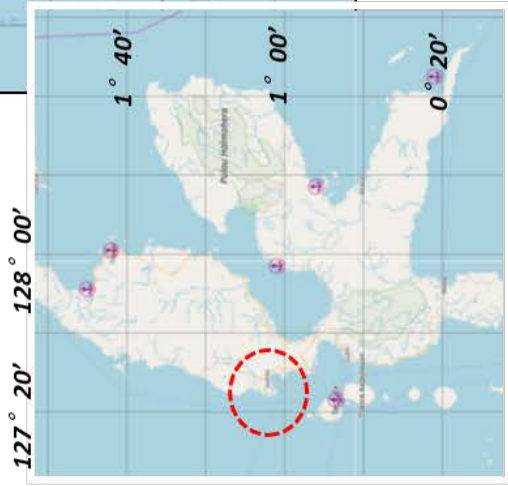
8 Pulau Lawin

(01° 31' 23.22430"S 128° 44' 58.47036"E)



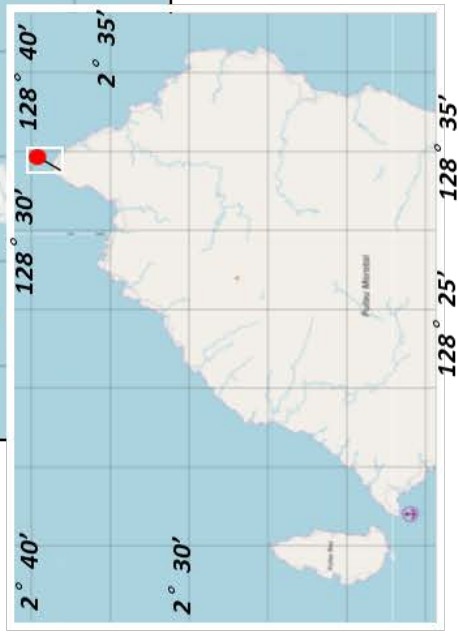
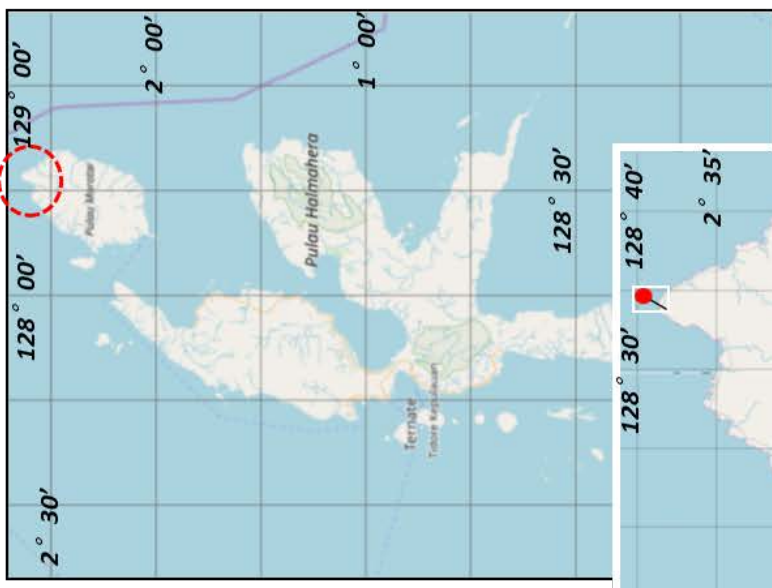
9 Tg. Babo

(01° 02' 31.62594"N 127° 24' 28.05895"E)



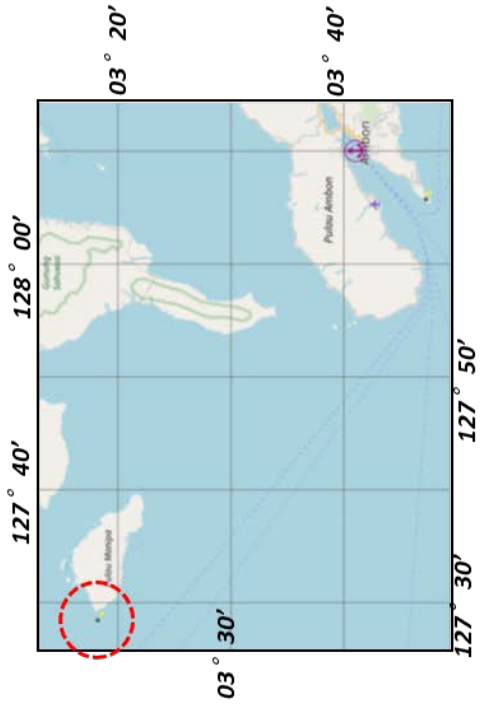
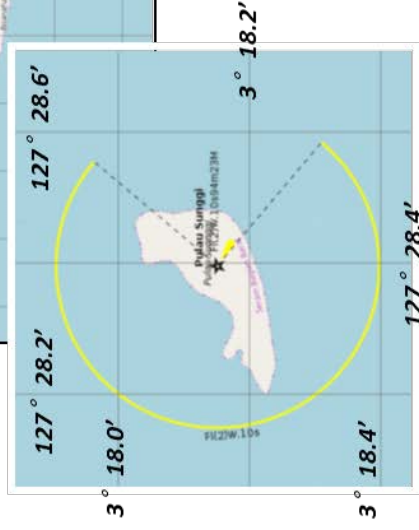
10 Tg. Sopi

(02° 38' 38.09698"N 128° 33' 53.40696"E)

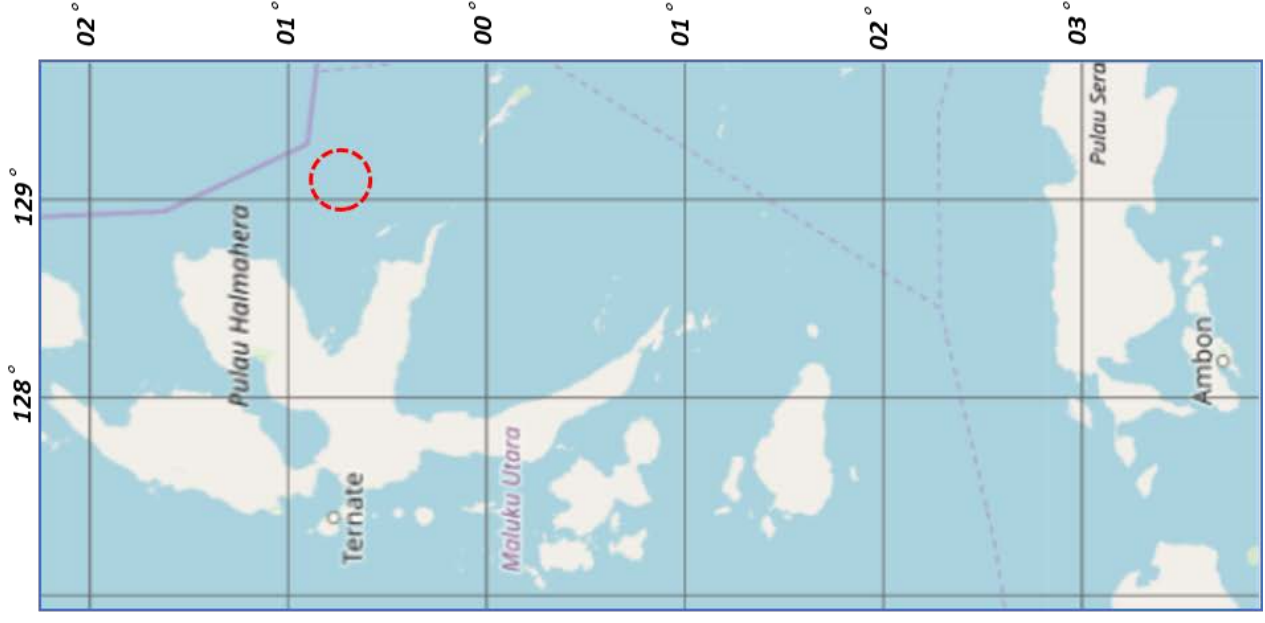
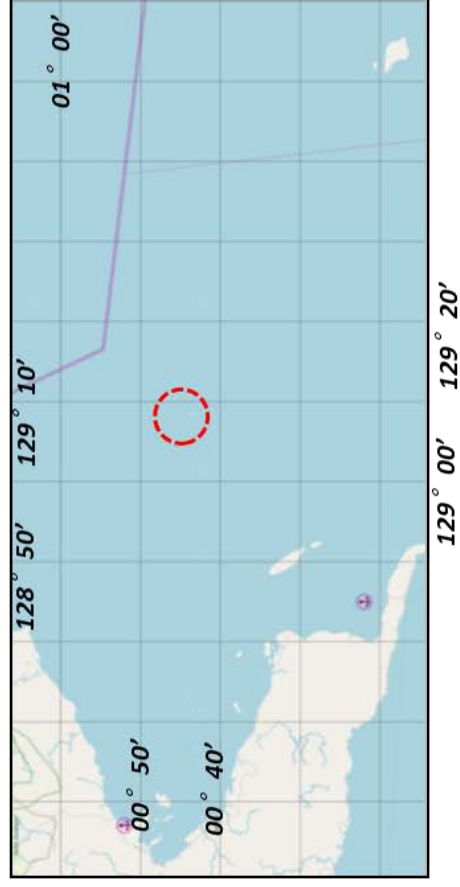
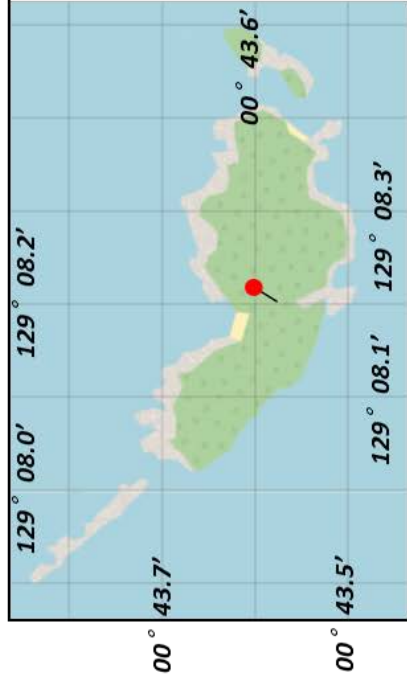


11 Pulau Suanggi

(03° 18.150' S 127° 28.394' E)



12 Pulau Yiew (00° 43' 34.956"N 129° 08' 11.754"E)



Sheet ② Reporting Format for List of Existing Aton

Name of Sea Area / Port
Nama Lokasi / Pelabuhan

: Wilayah Kerja Distrik Navigasi Kelas I Ambon

District

: Ambon (21)

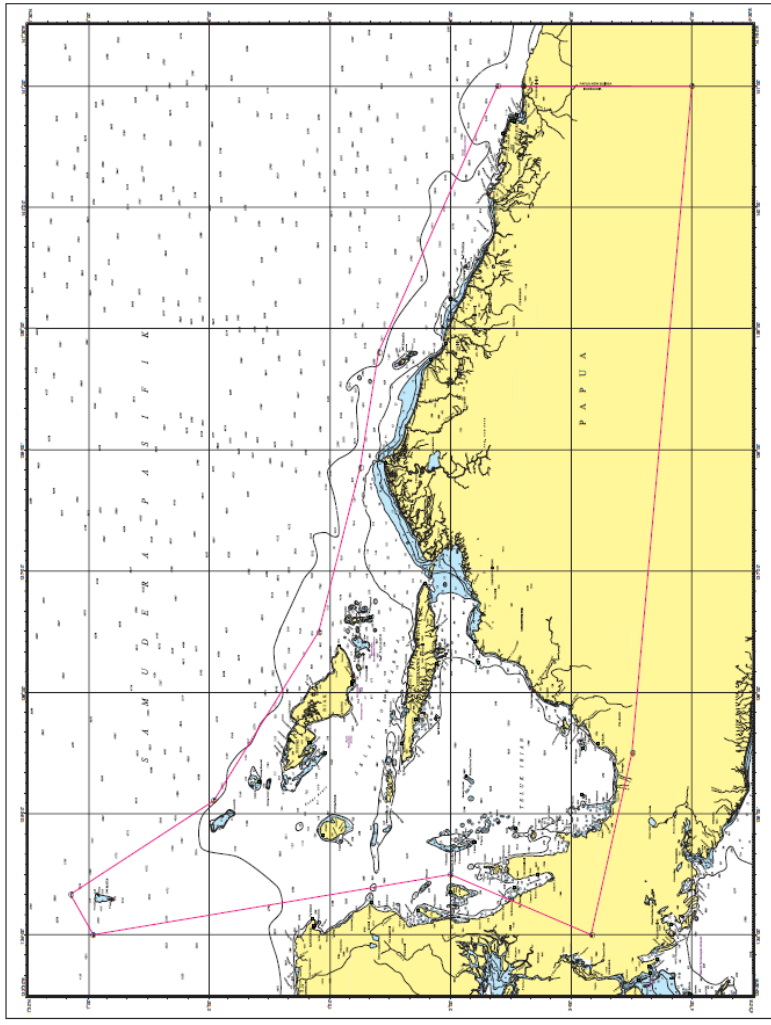
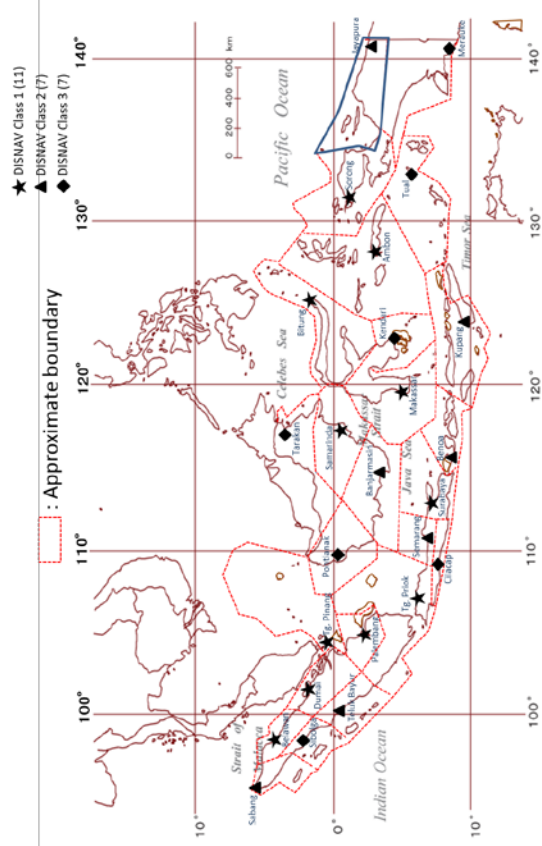
Chart No (Name)

: 145, 146, 274, 275, 277, 385, 386, 387, 389, 390, 391, 397, 398, 399, 399A, 401, 402, 403, 404, 405, 406

Reference Number (Nomor Referensi)	Location (Fill out) / Lokasi (Diisi)		Aid (Type dan Spesifikasi / Alat Bantu)		Category (Kategori)		Type of Marks (Tipe dari Tanda)					Remarks (Catatan) Popular name (Nama Populer) (Fill out) / (Isi)		
	Name of Aton (Nama Aton)	Position (Posisi)		Type (*1)	Specification (*2)	Sea Area (*3) (Area Laut)	Significance (*4) (Signifika nsi)	Lateral (*5)	Cardinal (*6)	Special (*7) Khusus	Light Color (*8) (Warn a)		Category (*9) Kategori	Top Mark
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Tg. Nusaniwe	03°47'12.2292"S	128°05'43.9155"E	Lighthouse	Landfall Light	Offshore waters (Perairan Lepas Pantai)	Category 3 (Necessary/ Perlu)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	White (Putih)	6 Applicable (n/a)	Not Applicable (n/a) / Tidak berlaku	-
2	Pulau May	05°23'56.33834"S	127°47'20.52030"E	Lighthouse	Landfall Light	Offshore waters (Perairan Lepas Pantai)	Category 3 (Necessary/ Perlu)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	White (Putih)	6 Applicable (n/a)	Not Applicable (n/a) / Tidak berlaku	-
3	Tg. Bartului	03°54'11.22709"S	127°12'49.3582"E	Lighthouse	Landfall Light	Offshore waters (Perairan Lepas Pantai)	Category 3 (Necessary/ Perlu)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	White (Putih)	6 Applicable (n/a)	Not Applicable (n/a) / Tidak berlaku	-
4	Pulau Fogi	03°17'21.13175"S	125°59'52.77737"E	Lighthouse	Landfall Light	Offshore waters (Perairan Lepas Pantai)	Category 3 (Necessary/ Perlu)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	White (Putih)	6 Applicable (n/a)	Not Applicable (n/a) / Tidak berlaku	hilang / roboh
5	Tg. Waka	02°28'32.43143"S	126°02'57.64004"E	Lighthouse	Landfall Light	Offshore waters (Perairan Lepas Pantai)	Category 3 (Necessary/ Perlu)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	White (Putih)	6 Applicable (n/a)	Not Applicable (n/a) / Tidak berlaku	-
6	Tg. Dehekalano	01°49'14.46661"S	126°29'06.27161"E	Lighthouse	Landfall Light	Offshore waters (Perairan Lepas Pantai)	Category 3 (Necessary/ Perlu)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	White (Putih)	6 Applicable (n/a)	Not Applicable (n/a) / Tidak berlaku	-
7	Tg. Akelamo	01°39'40.12259"S	127°24'31.58829"E	Lighthouse	Landfall Light	Offshore waters (Perairan Lepas Pantai)	Category 3 (Necessary/ Perlu)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	White (Putih)	6 Applicable (n/a)	Not Applicable (n/a) / Tidak berlaku	-
8	Pulau Lawin	01°31'23.22430"S	128°44'58.47036"E	Lighthouse	Landfall Light	Offshore waters (Perairan Lepas Pantai)	Category 3 (Necessary/ Perlu)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	White (Putih)	6 Applicable (n/a)	Not Applicable (n/a) / Tidak berlaku	-
9	Tg. Babo	01°02'31.62594"N	127°24'28.05895"E	Lighthouse	Landfall Light	Offshore waters (Perairan Lepas Pantai)	Category 3 (Necessary/ Perlu)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	White (Putih)	6 Applicable (n/a)	Not Applicable (n/a) / Tidak berlaku	-
10	Tg. Sopi	02°38'38.08688"N	128°33'53.40696"E	Lighthouse	Landfall Light	Offshore waters (Perairan Lepas Pantai)	Category 3 (Necessary/ Perlu)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	White (Putih)	6 Applicable (n/a)	Not Applicable (n/a) / Tidak berlaku	-
11	Pulau Suanggi	03°54'11.22709"S	127°12'49.3582"E	Lighthouse	Landfall Light	Offshore waters (Perairan Lepas Pantai)	Category 3 (Necessary/ Perlu)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	White (Putih)	6 Applicable (n/a)	Not Applicable (n/a) / Tidak berlaku	-
12	Pulau Yiew	00°43'34.9567"N	129°08'11.754"E	Lighthouse	Landfall Light	Offshore waters (Perairan Lepas Pantai)	Category 3 (Necessary/ Perlu)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	Not Applicable (Tidak Berlaku)	White (Putih)	6 Applicable (n/a)	Not Applicable (n/a) / Tidak berlaku	Remarks (Catatan) Rusak berat

23 DISNAV Jayapura

Outline of DISNAV Service Area



1-A Summary Table for Planned AtoN

23 DISNAV Jayapura

No	Area	Planned AtoN						Reference (Purpose)
		No	Name	Location		Type		
				Latitude	Longitude			
1	Jayapura	1	Rambu Suar Hijau Tg. Kayu Batu	02 32 20.63 S	140 44 52.02 E	Lighted Beacon	Medium-range Light	
		2	Rambu Suar Hijau Tg. Suaaja	02 32 07.55 S	140 43 30.95 E	"	"	
		3	Pelampung Suar MPMT	02 32 40.87 S	140 44 44.94 E	Lighted Buoy	Short-range Light	
		4	Menara Suar Tg. Tanah Merah	02 24 00.65 S	140 20 52.35 E	Lighthouse	Long-range Light	
		5	Rambu Suar Hijau 01 Alur Plb Depapre	02 26 41.80 S	140 21 23.60 E	Lighted Beacon	Medium-range Light	
		6	Rambu Suar Merah 02 Alur Plb Depapre	02 24 09.74 S	140 20 33.48 E	"	"	
		7	Rambu Suar Hijau 03 Alur Plb Depapre	02 26 58.50 S	140 21 35.50 E	"	"	
		8	Rambu Suar Merah 04 Alur Plb Depapre	02 26 33.80 S	140 21 56.41 E	"	"	
		9	Rambu Suar Merah 06 Alur Plb Depapre	02 27 13.08 S	140 22 08.48 E	"	"	
		10	Rambu Suar Penuntun 01 Alur Plb Depapre	02 26 33.85 S	140 22 03.12 E	"	"	

No	Area	Planned AtoN						Reference (Purpose)
		No	Name	Location		Type		
				Latitude	Longitude			
2	Depapre	11	Rambu Suar Penuntun 02 Alur Plb Depapre	02 26 40.98 S	140 22 09.64 E	Lighted Beacon	Medium-range Light	
3	Samabusa	12	Pelampung Suar Hijau 03 Alur Plb Nabire	03 14 00.16 S	135 34 42.24 E	Lighted Buoy	Short-range Light	
		13	Emergency Wreck Bouy 01 Alur Plb Nabire	03 13 41.62 S	135 34 48.86 E	"	"	
4	Serui	14	Emergency Wreck Bouy 02 Alur Plb Nabire	03 14 02.15 S	135 34 53.25 E	"	"	
		16	Pelampung Suar Hijau 03 Alur Plb Serui	01 53 31.18 S	136 15 04.19 E	Lighted Buoy	Short-range Light	
5	Pulau Biak	17	Rambu Suar Merah 04 Alur Plb Serui	01 53 40.38 S	136 14 19.66 E	Lighted Beacon	Medium-range Light	
		18	Rambu Suar Merah 06 Alur Plb Serui	01 53 27.14 S	136 14 30.28 E	"	"	
5	Pulau Biak	19	Pelampung Suar Cardinal Selatan Alur Plb Serui	01 53 14.31 S	136 14 49.57 E	Lighted Buoy	Short-range Light	
		15	Pelampung Suar Merah 04 Alur Plb Biak	01 11 29.06 S	136 04 25.55 E	Lighted Buoy	Short-range Light	
		20	Pelampung Suar Hijau Alur Plb Korido	00 50 29.16 S	135 35 14.05 E	"	"	
5		21	Rambu Suar Cardinal Timur	00 52 50.48 S	135 33 40.47 E	Lighted Beacon	Medium-range Light	

1-B Outline Map of Planned AtoN

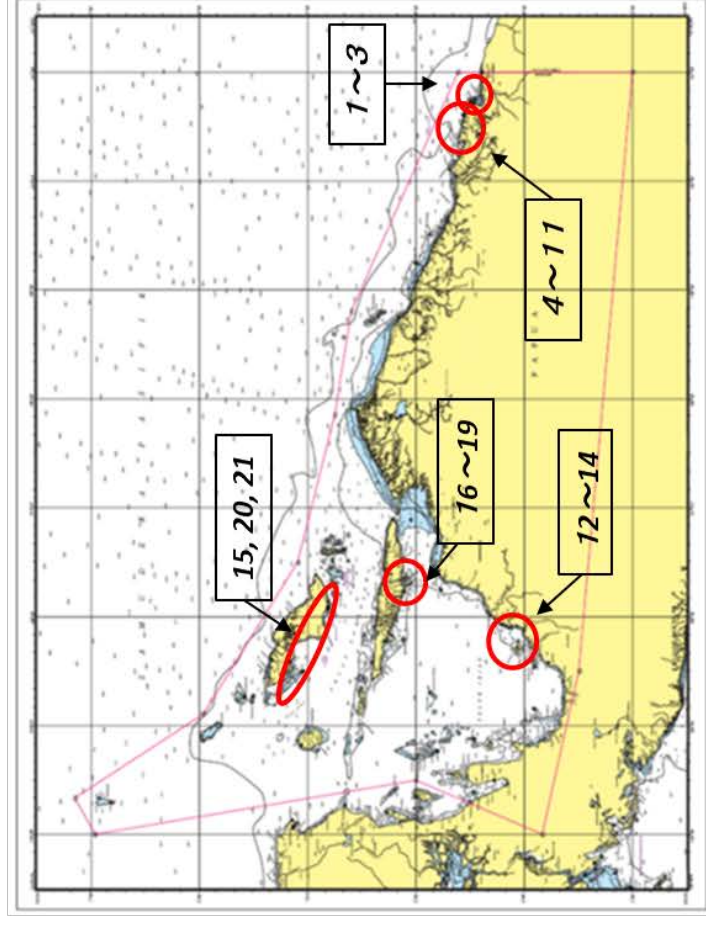
23 Jayapura (II)

Planned AtoN

Total : 21 Lighthouse 1, Lighted Beacon 12, Lighted Buoy 8

Legend L : Lighthouse, LB : Lighted Beacon, Lbo : Lighted Buoy

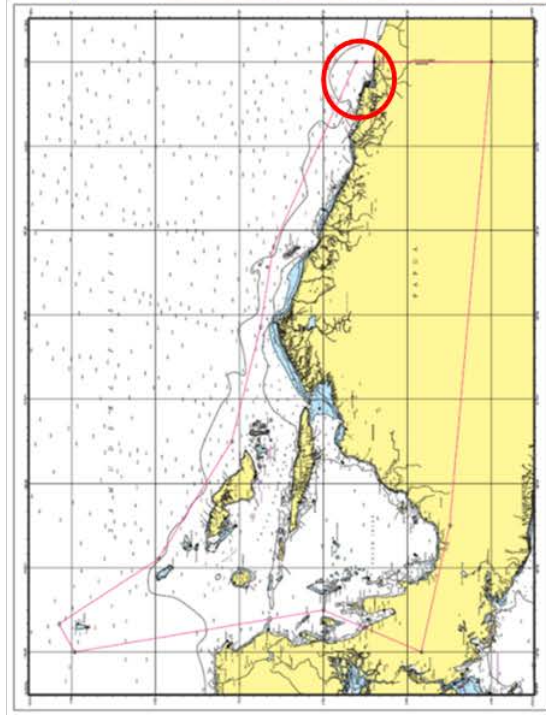
- 1 Rambu Suar Hijau Tg. Kayu Batu (LB)
- 2 Rambu Suar Hijau Tg. Suaaja (LB)
- 3 Pelampung Suar MPMT (Lbo)
- 4 Menara Suar Tg. Tanah Merah (L)
- 5 Rambu Suar Hijau 01 Alur Plb Depapre (LB)
- 6 Rambu Suar Merah 02 Alur Plb Depapre (LB)
- 7 Rambu Suar Hijau 03 Alur Plb Depapre (LB)
- 8 Rambu Suar Merah 04 Alur Plb Depapre (LB)
- 9 Rambu Suar Merah 06 Alur Plb Depapre (LB)
- 10 Rambu Suar Penuntun 01 Alur Plb Depapre (LB)
- 11 Rambu Suar Penuntun 02 Alur Plb Depapre (LB)
- 12 Pelampung Suar Hijau 03 Alur Plb Nabire (Lbo)
- 13 Emergency Wreck Bouy 01 Alur Plb Nabire (Lbo)
- 14 Emergency Wreck Bouy 02 Alur Plb Nabire (Lbo)
- 15 Pelampung Suar Merah 04 Alur Plb Biak (Lbo)
- 16 Pelampung Suar Hijau 03 Alur Plb Serui (Lbo)
- 17 Rambu Suar Merah 04 Alur Plb Serui (LB)
- 18 Rambu Suar Merah 06 Alur Plb Serui (LB)
- 19 Pelampung Suar Cardinal Selatan Alur Plb Serui (Lbo)
- 20 Pelampung Suar Hijau Alur Plb Korido (Lbo)
- 21 Rambu Suar Cardinal Timur (LB)



Planned AtoN

- 1 Rambu Suar Hijau Tg. Kayu Batu (LB)
- 2 Rambu Suar Hijau Tg. Suaja (LB)
- 3 Pelampung Suar MPMT (LBo)

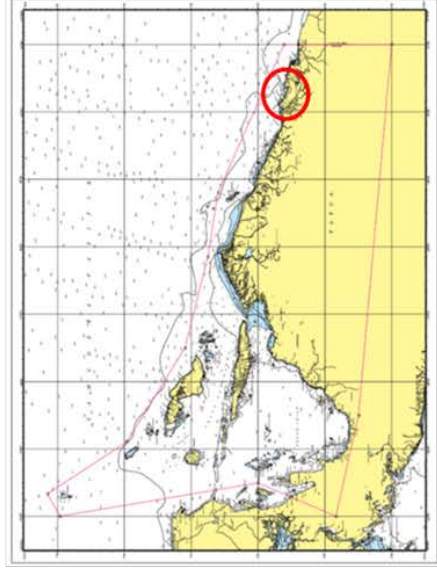
- | |
|------------------------------------|
| 1 (02 32 20.63 S 140 44 52.02 E) |
| 2 (02 32 07.55 S 140 43 30.95 E) |
| 3 (02 32 40.87 S 140 44 44.94 E) |



Planned AtoN

- 4 Menara Suar Tg. Tanah Merah (L)
- 5 Rambu Suar Hijau 01 Alur Plb Depapre (LB)
- 6 Rambu Suar Merah 02 Alur Plb Depapre (LB)
- 7 Rambu Suar Hijau 03 Alur Plb Depapre (LB)
- 8 Rambu Suar Merah 04 Alur Plb Depapre (LB)
- 9 Rambu Suar Merah 06 Alur Plb Depapre (LB)
- 10 Rambu Suar Penuntun 01 Alur Plb Depapre (LB)
- 11 Rambu Suar Penuntun 02 Alur Plb Depapre (LB)

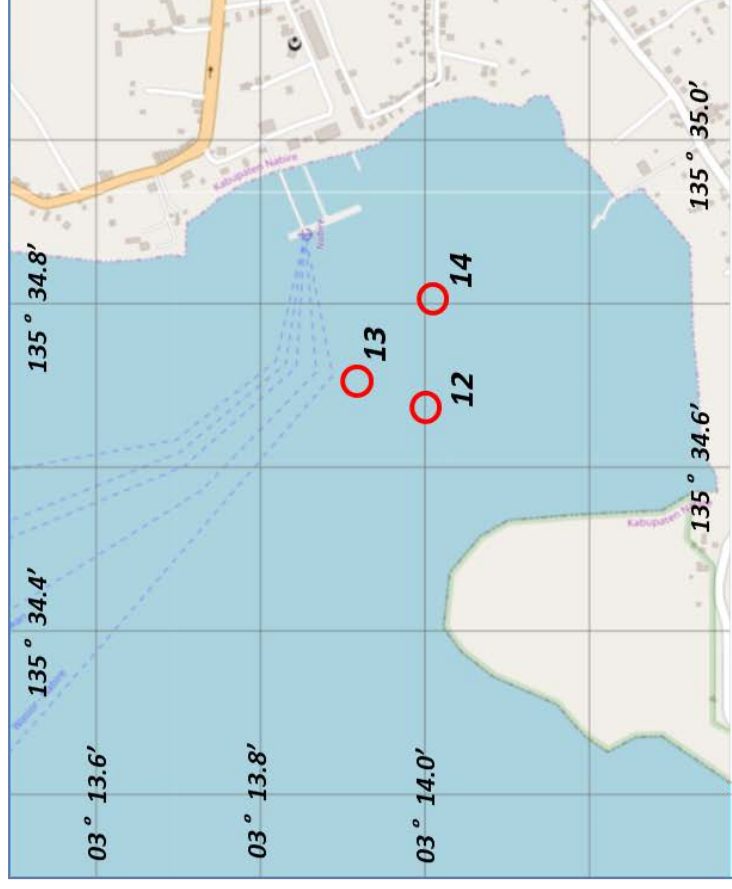
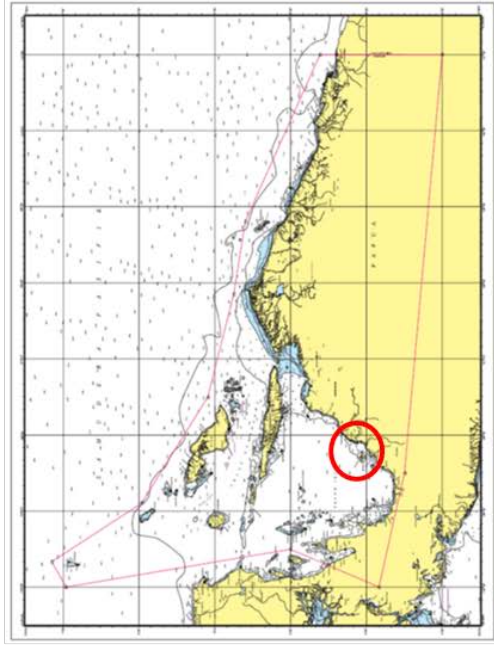
- 4 (02 24 00.65 S 140 20 52.35 E)
- 5 (02 26 41.80 S 140 21 23.60 E)
- 6 (02 24 09.74 S 140 20 33.48 E)
- 7 (02 26 58.50 S 140 21 35.50 E)
- 8 (02 26 33.80 S 140 21 56.41 E)
- 9 (02 27 13.08 S 140 22 08.48 E)
- 10 (02 26 33.85 S 140 22 03.12 E)
- 11 (02 26 40.98 S 140 22 09.64 E)



Planned AtoN

- 12 Pelampung Suar Hijau 03 Alur Plb Nabire (Lbo)
- 13 Emergency Wreck Bouy 01 Alur Plb Nabire (Lbo)
- 14 Emergency Wreck Bouy 02 Alur Plb Nabire (Lbo)

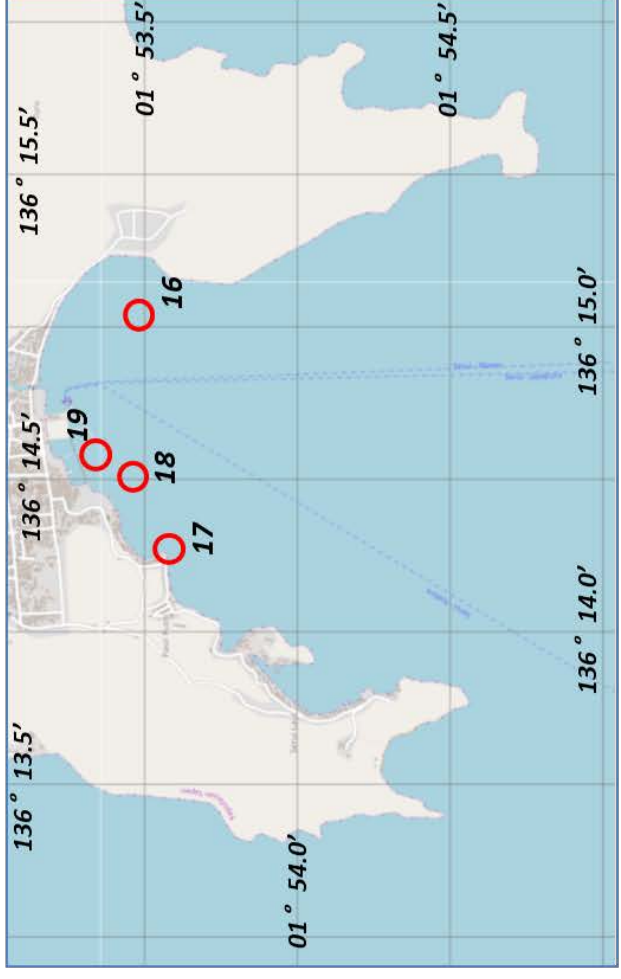
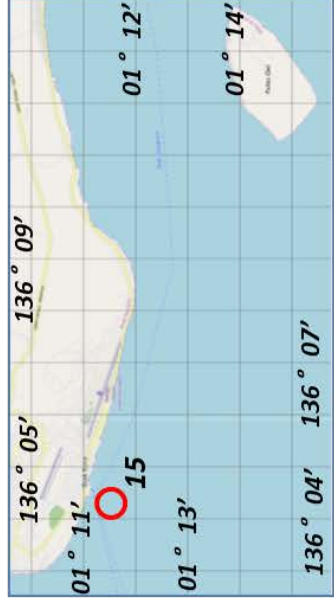
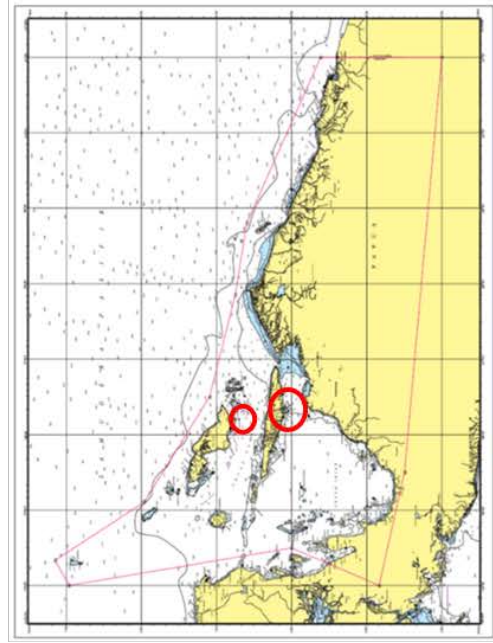
- 12 (03 14 00.16 S 135 34 42.24 E)
- 13 (03 13 41.62 S 135 34 48.86 E)
- 14 (03 14 02.15 S 135 34 53.25 E)



Planned AtoN

- 15 Pelampung Suar Merah 04 Alur Plb Biak (*Lbo*)
- 16 Pelampung Suar Hijau 03 Alur Plb Serui (*Lbo*)
- 17 Rambu Suar Merah 04 Alur Plb Serui (*LB*)
- 18 Rambu Suar Merah 06 Alur Plb Serui (*LB*)
- 19 Pelampung Suar Cardinal Selatan Alur Plb Serui (*Lbo*)

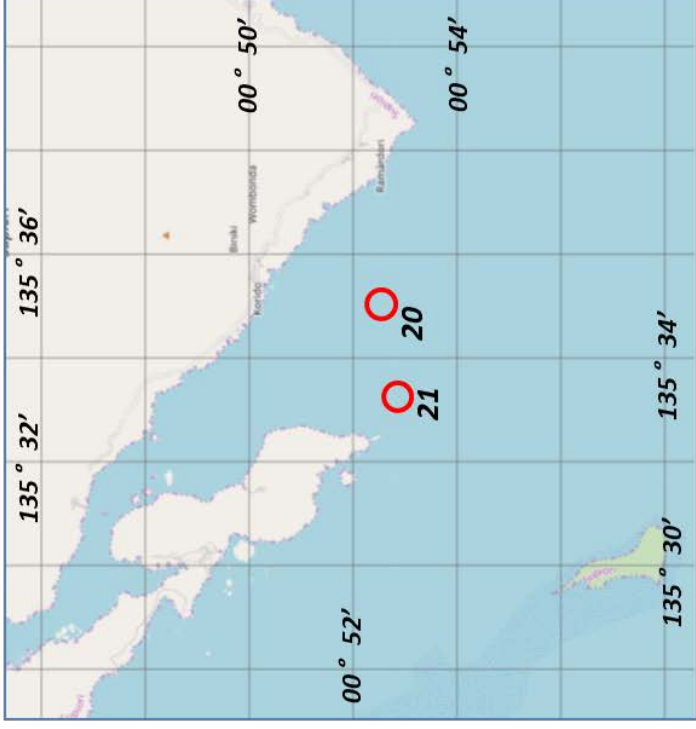
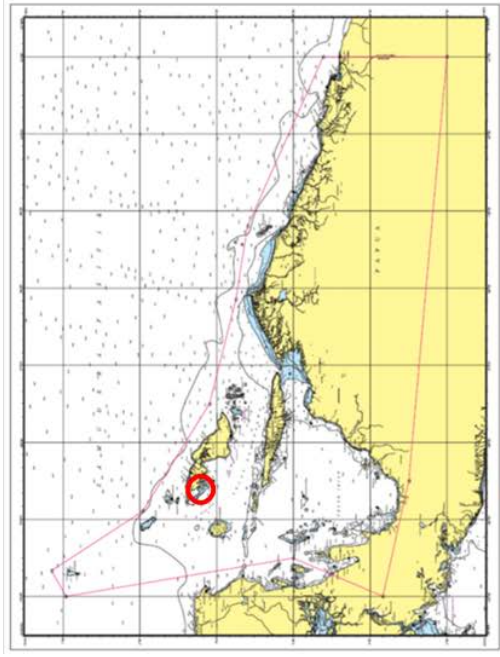
- 15 (01 11 29.06 S 136 04 25.55 E)
- 16 (01 53 31.18 S 136 15 04.19 E)
- 17 (01 53 40.38 S 136 14 19.66 E)
- 18 (01 53 27.14 S 136 14 30.28 E)
- 19 (01 53 14.31 S 136 14 49.57 E)



Planned AtoN

- 20 Pelampung Suar Hijau Alur Plb Korido (Lbo)
- 21 Rambu Suar Cardinal Timur (LB)

- 20 (00 50 29.16 S 135 35 14.05 E)
- 21 (00 52 50.48 S 135 33 40.47 E)



Sheet ③ Reporting Format for List of Planned AtoN
Lembar ③ (Format Pelaporan Daftar AtoN yang direncanakan)

Name of Sea Area / Port : Fill Out (Diisi)

District : **Jayapura (23)**

Chart No (Name) : Fill Out (Diisi)

Reference Number (Nomor Referensi)	Location (Fill out) / Lokasi (Diisi)		Type (*1)	Specification (*2)	Sea Area (*3) (Area Laut)	Category (Kategori)		Lateral (*5)	Cardinal (*6)	Special (*7)	Light Color (*8) (Warna lampu)	Top Marks		Remarks/Catatan (Fill out/Diisi)
	Name of AtoN (Nama AtoN)	Position (Posisi)				Significance (*4) (Signifikansi)	Category (*9)					Shape (*10)		
	Longitude	Latitude				Category (*1)	Significance (*4)					Category (*9)	Shape (*10)	
1	S 02.32.20.6314	E 140.44.52.0200	Lighted Beacon	Medium range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Green (Hijau)	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	
2	S 02.32.07.5906	E 140.43.30.9500	Lighted Beacon	Medium range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Green (Hijau)	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	
3	S 02.32.40.8793	E 140.44.44.9486	Lighted Buoy	Short range Light	Offshore waters (Pantai Lepas)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Safe Water Mark/Tanda Perairan Aman	Yellow (Kuning)	4 SAFE WATER MARKS	6 Not Applicable (n/a) / Toki baru	
4	S 02.24.00.6500	E 140.20.52.3500	Lighthouse	Long range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	White (Putih)	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	
5	S 02.26.41.8000	E 140.21.23.6000	Lighted Beacon	Medium range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Green (Hijau)	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	
6	S 02.24.09.7499	E 140.20.33.4810	Lighted Beacon	Medium range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Red (Merah)	7 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	
7	S 02.26.58.5000	E 140.21.35.9000	Lighted Beacon	Medium range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Green (Hijau)	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	
8	S 02.26.33.8585	E 140.21.56.4160	Lighted Beacon	Medium range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Red (Merah)	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	
9	S 02.27.13.0811	E 140.25.08.4809	Lighted Beacon	Medium range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Red (Merah)	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	
10	S 02.26.33.8500	E 140.22.03.1200	Lighted Beacon	Medium range Light	Harbor/Port (Restricted area) (Dermaga/Pelabuhan, area terbatas)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	White (Putih)	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	
11	S 02.26.40.9800	E 140.22.09.6400	Lighted Beacon	Medium range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	White (Putih)	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	
12	S 03.14.00.1670	E 135.34.42.2413	Lighted Buoy	Short range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Green (Hijau)	6 Not Applicable (n/a) / Toki baru	1-3. Single green cone, point upwards / Kerasat hijau tunggak, mengarah ke atas	
13	S 03.13.41.6270	E 135.34.48.8617	Lighted Buoy	Short range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Special Marks (Wreck Marking)/Tanda Khusus (Pemandangan Rusak/Ronggokan)	Yellow (Kuning)	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	P-10. Single yellow 'X' shape (St Andrews Cross) / Berek 'X' kuning tunggak (St Andrews Cross)
14	S 03.14.02.1567	E 135.34.53.2574	Lighted Buoy	Short range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Special Marks (Wreck Marking)/Tanda Khusus (Pemandangan Rusak/Ronggokan)	Yellow (Kuning)	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	P-10. Single yellow 'X' shape (St Andrews Cross) / Berek 'X' kuning tunggak (St Andrews Cross)
15	S 01.11.29.0674	E 136.04.25.5595	Lighted Buoy	Short range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Red (Merah)	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	1-0. Single red cylinder (can) / Sinder merah tunggak (kawat)
16	S 01.53.31.1826	E 136.1504.1997	Lighted Buoy	Short range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Green (Hijau)	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	1-3. Single green cone, point upwards / Kerasat hijau tunggak, mengarah ke atas
17	S 01.53.40.3815	E 136.14.19.6658	Lighted Beacon	Medium range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Red (Merah)	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru
18	S 01.53.27.1453	E 136.14.30.2881	Lighted Beacon	Medium range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Red (Merah)	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru
19	S 01.53.14.3194	E 136.14.49.5726	Lighted Buoy	Short range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Yellow (Kuning)	2 CARDINAL MARKS	6 Not Applicable (n/a) / Toki baru	2-3. 2 back cones, one above the other, point downwards / 2 kerasat hitam, satu di atas lainnya (arah bawah)
20	S 0.50.29.1637	E 135.35.14.0500	Lighted Buoy	Short range Light	Coastal waters (Pantai)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Green (Hijau)	6 Not Applicable (n/a) / Toki baru	6 Not Applicable (n/a) / Toki baru	1-3. Single green cone, point upwards / Kerasat hijau tunggak, mengarah ke atas
21	S 0.52.50.4826	E 135.39.40.4790	Lighted Beacon	Medium range Light	Offshore waters (Pantai Lepas)	Category 2 (Important/Penting)	Category 2 (Important/Penting)	Preferred Channel of Starboard (Kanal Pilihan Starboard)	Not Applicable (n/a) (Tidak Berlaku)	Not Applicable (n/a) (Tidak Berlaku)	Yellow (Kuning)	2 CARDINAL MARKS	6 Not Applicable (n/a) / Toki baru	2-0. 2 back cones, one above the other, point upwards / 2 kerasat hitam, satu di atas lainnya (arah atas)

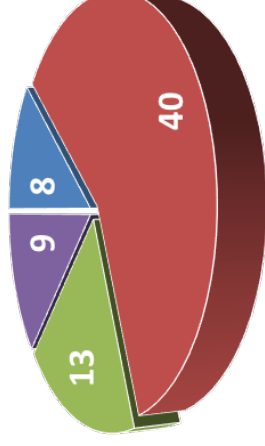
1-A Summary Table for Existing AtoN

23 Jayapura (II)

Existing Lighthouse

1 Tanjung Suaaja	1 (02 ° 32' 02.37" S 140 ° 44' 41.61 E)
2 Oinake Perbatasan RI-PNG	2 (02 ° 36' 26.31" S 140 ° 00' 04.96 E)
3 Teluk Materer Demta	3 (02 ° 19' 10.90" S 140 ° 06' 48.11 E)
28 Isyuma Pulau Liki	28 (01 ° 34' 50.82" S 138 ° 42' 59.67 E)
40 Mokmer Biak	40 (01 ° 11' 38.07" S 136 ° 08' 18.13 E)
51 Tg. Pegun Pulau Mapia	51 (00 ° 48' 20.72" N 134 ° 18' 02.99 E)
52 Pulau Brass	52 (00 ° 55' 35.71" N 134 ° 20' 18.06 E)
68 Karang Semi	68 (02 ° 41' 44.42" S 136 ° 01' 08.48 E)

Existing AtoN (Total : 70) : Lighthouse : 8, Lighted Beacon : 40, Lighted Buoy : 13, Harbor Light : 9



■ Lighthouse
 ■ Lighted Beacon
 ■ Lighted Buoy
 ■ Harbor Light

1-B Outline Map of Existing AtoN

23 Jayapura (II)

Existing Lighthouse

- 1 Tanjung Suaaja
- 2 Oinake Perbatasan RI-PNG
- 3 Teluk Materer Demta
- 28 Isyuma Pulau Liki
- 40 Mokmer Biak
- 51 Tg. Pegun Pulau Mapia
- 52 Pulau Brass
- 68 Karang Semi

