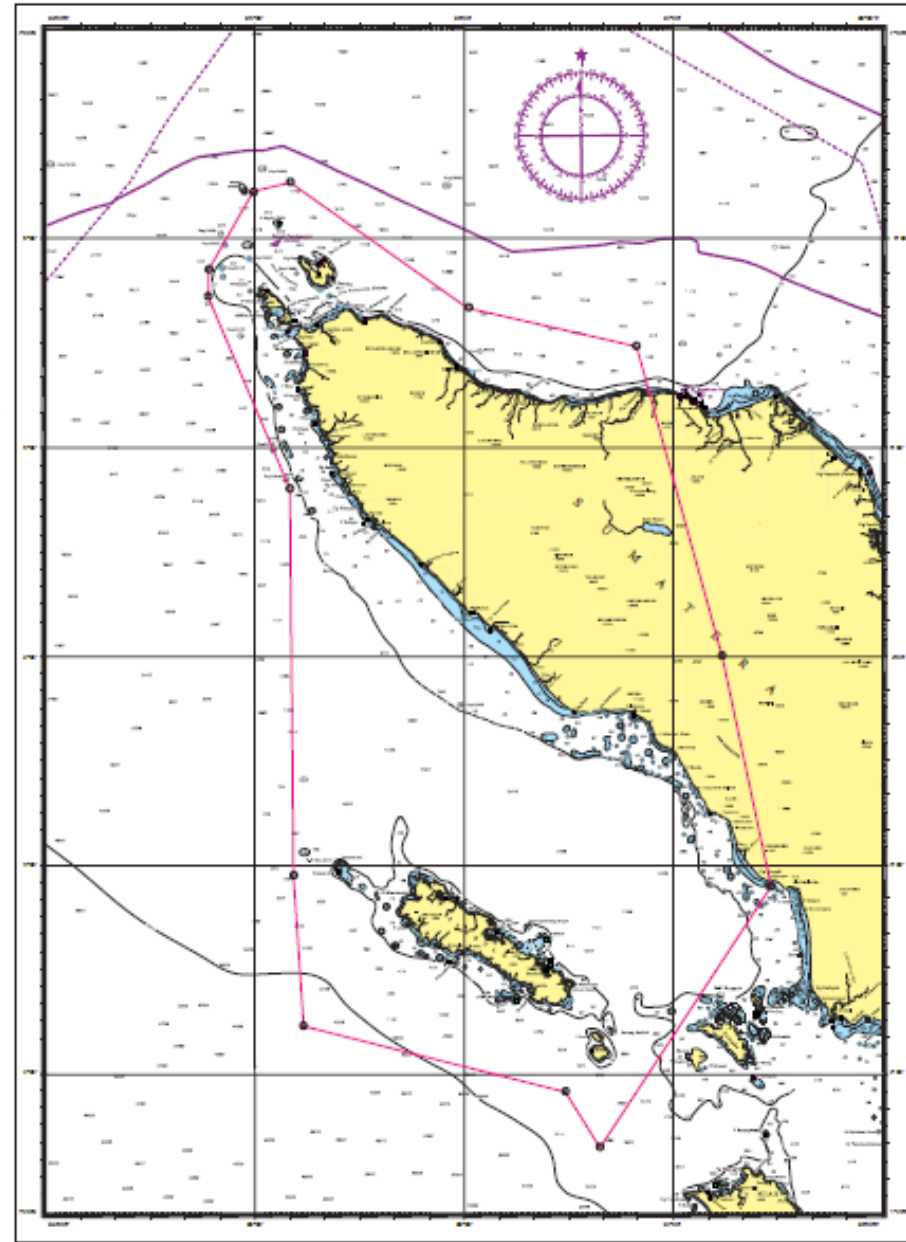
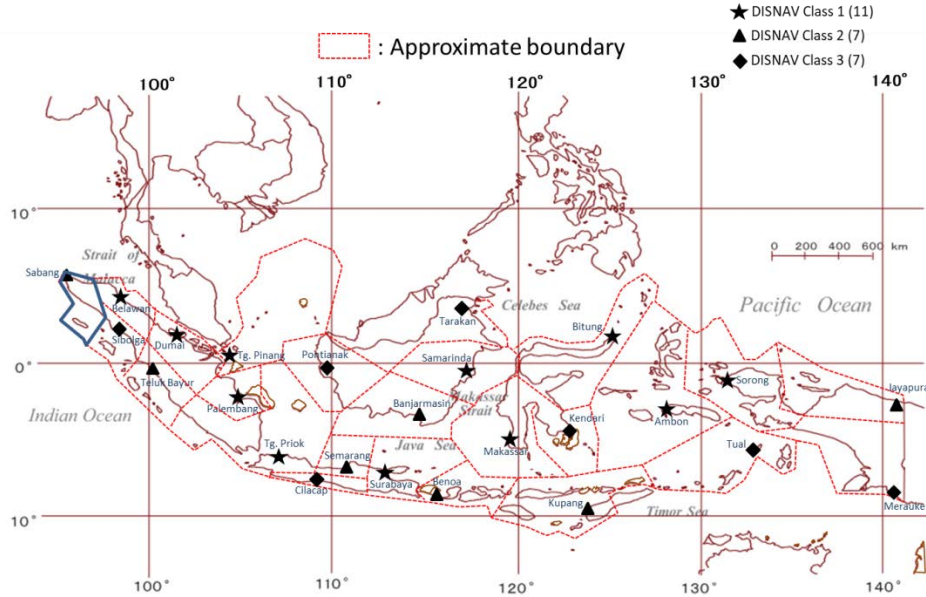


Appendix 4.1.5 -2

Location Map (VTS)

1 DISNAV Sabang

Outline of DISNAV Service Area



1-A Summary Table for Planned VTS

1 DISNAV Sabang

No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
1	Sabang VTS	Port/Harbor	5°53' 59.67" N	95°19' 21.10" E	

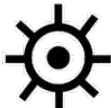
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	0	1	0	0	2		Tide Station

1-B Outline Map of Planned VTS

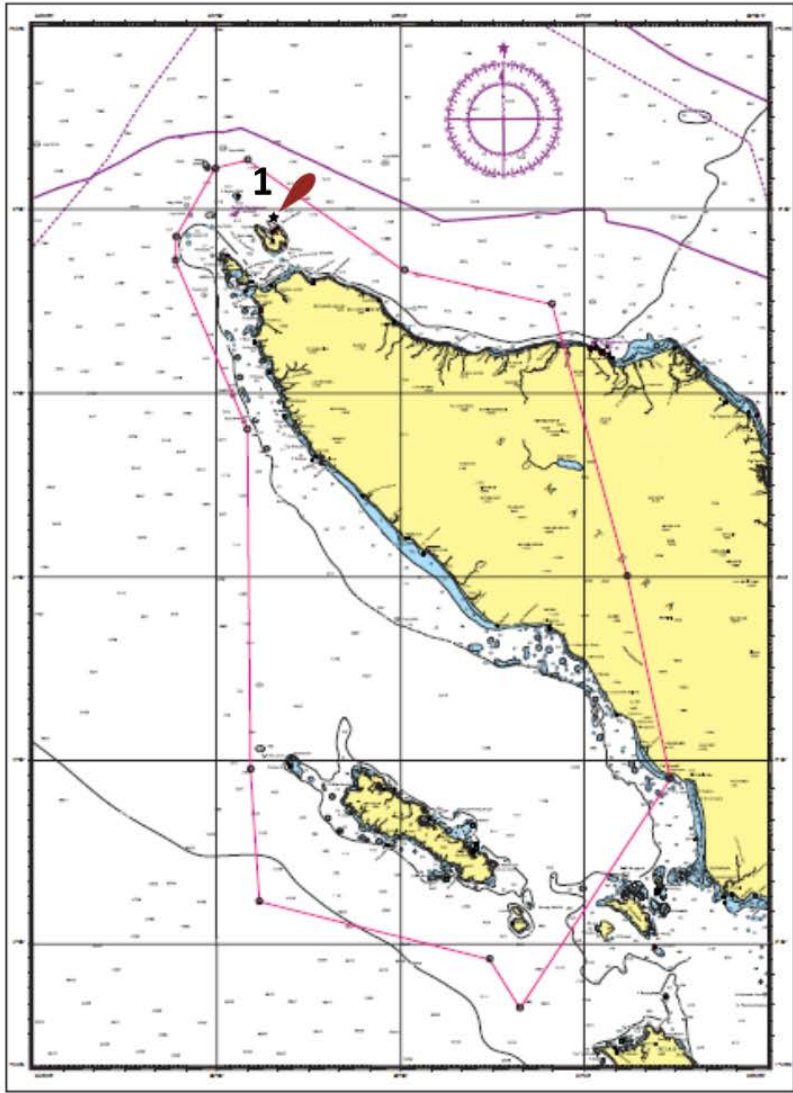
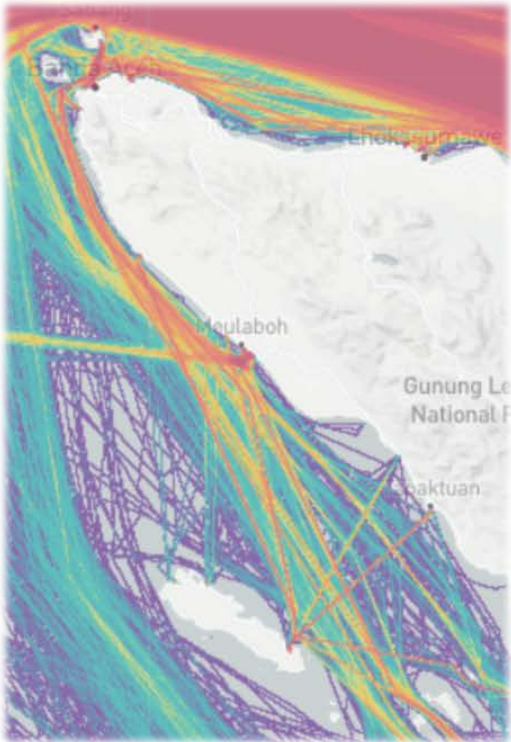
1 Sabang (II)

Planned VTS

1 Sabang



Location Map

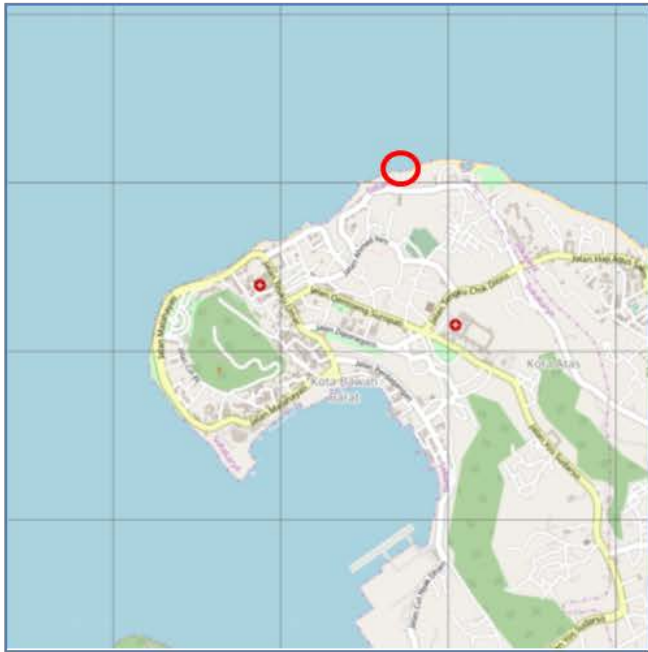
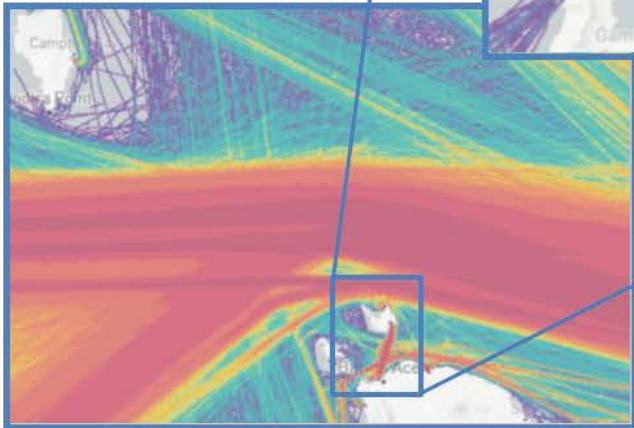
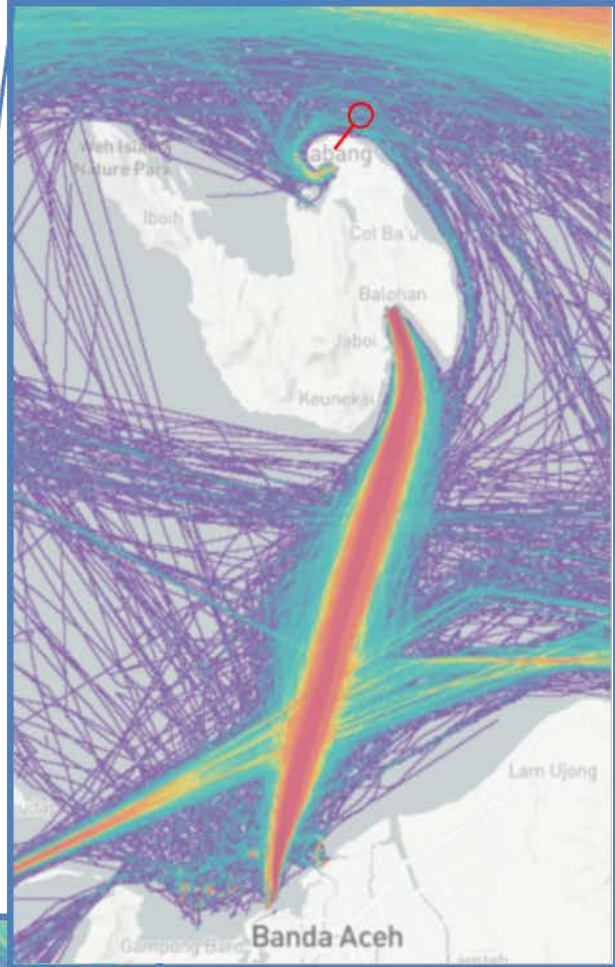


Planned VTS

VTS Center
(5 53 59.67N 95 19 21.10E)

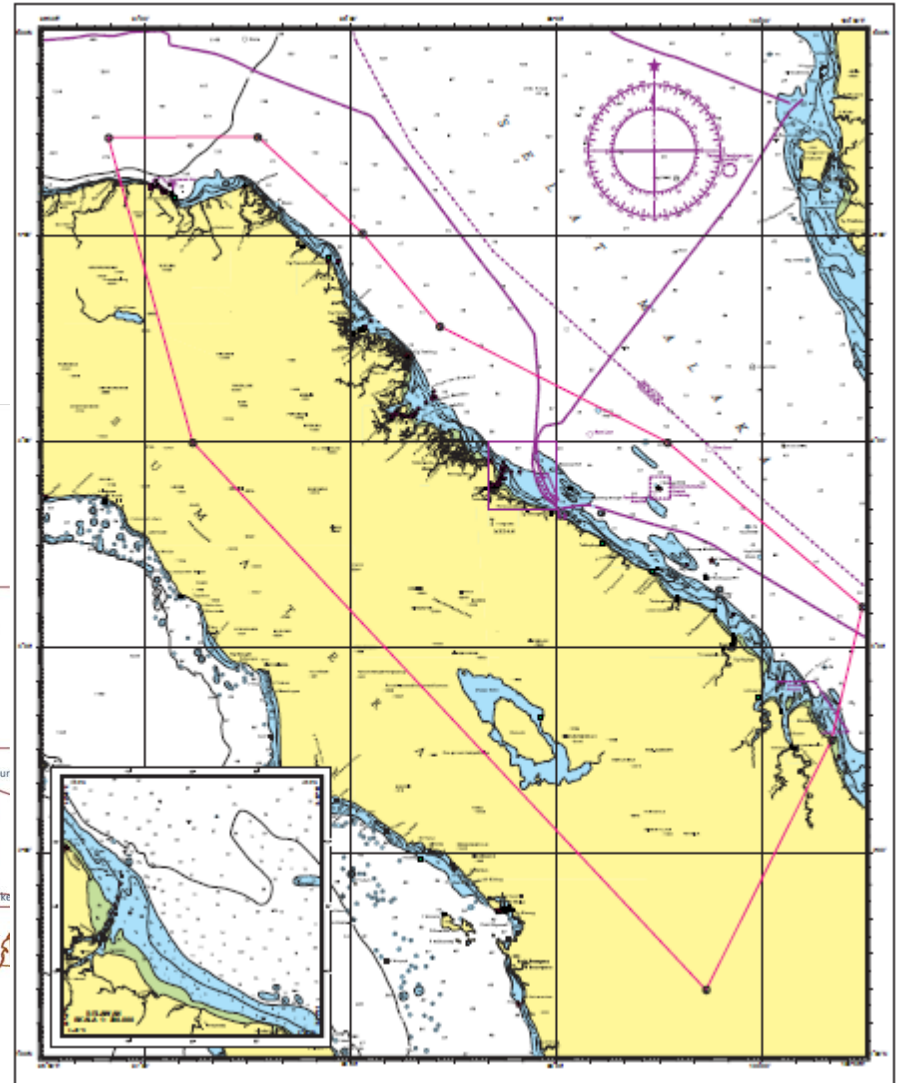
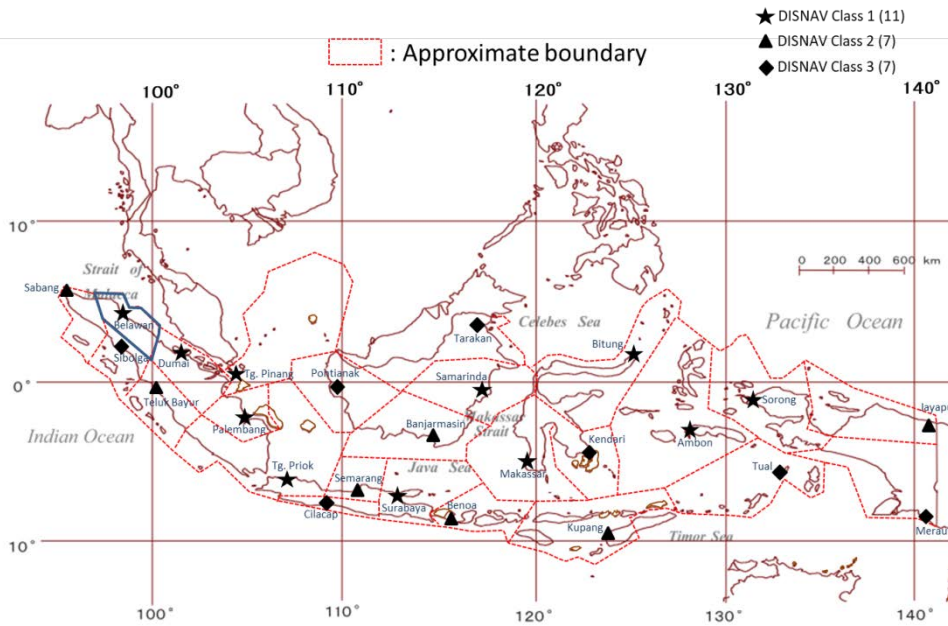
Facilities

- AIS x 1
- VHF x 2
- VHF x 2
- Tide St. x 1



2 DISNAV Belawan

Outline of DISNAV Service Area



1-A Summary Table for Existing VTS

2 DISNAV Belawan

No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
1	Belawan VTS	Port/Harbor	3° 46' 47" N	98° 42' 10" E	

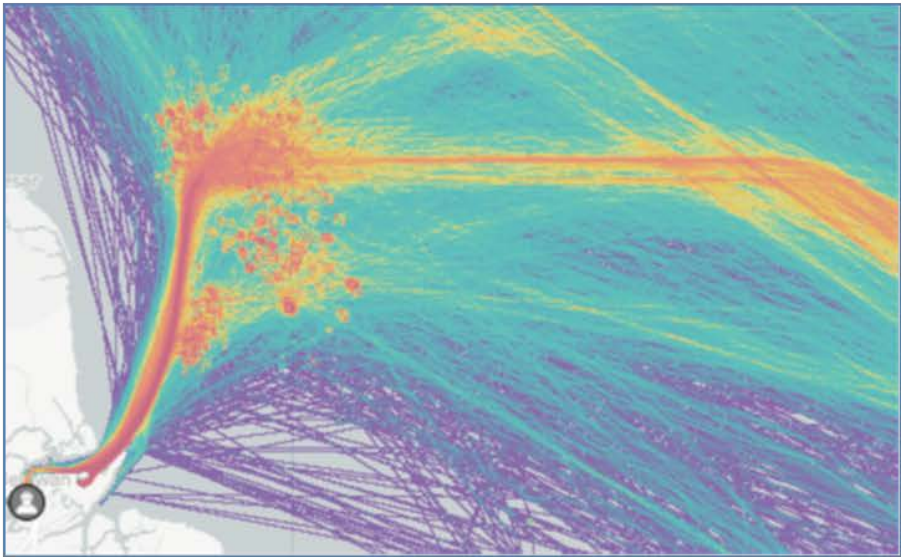
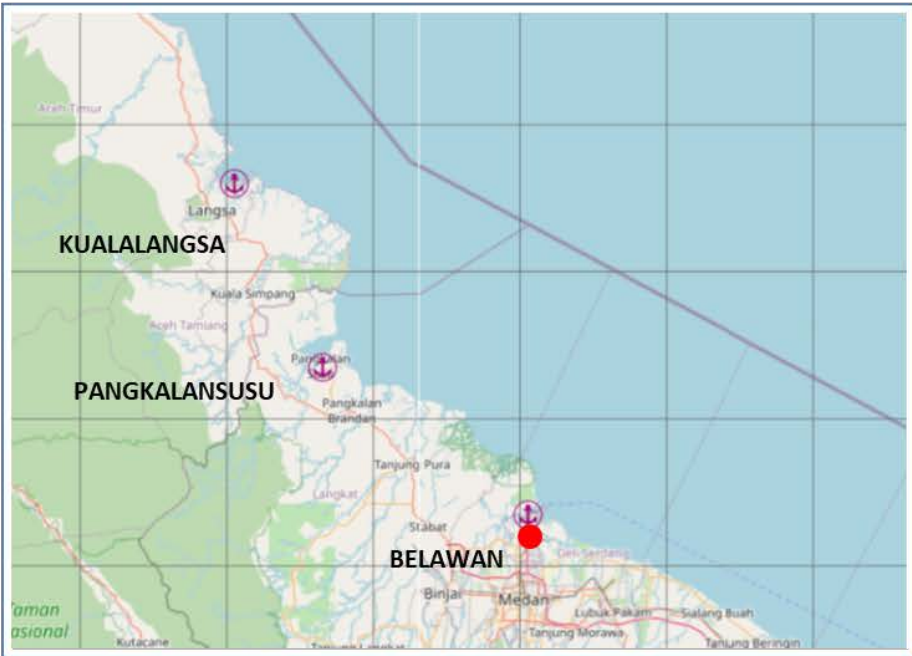
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	1	2	1	1	4	0	Tide Station

Belawan VTS

(03° 46' 47" N 98° 42' 10" E)

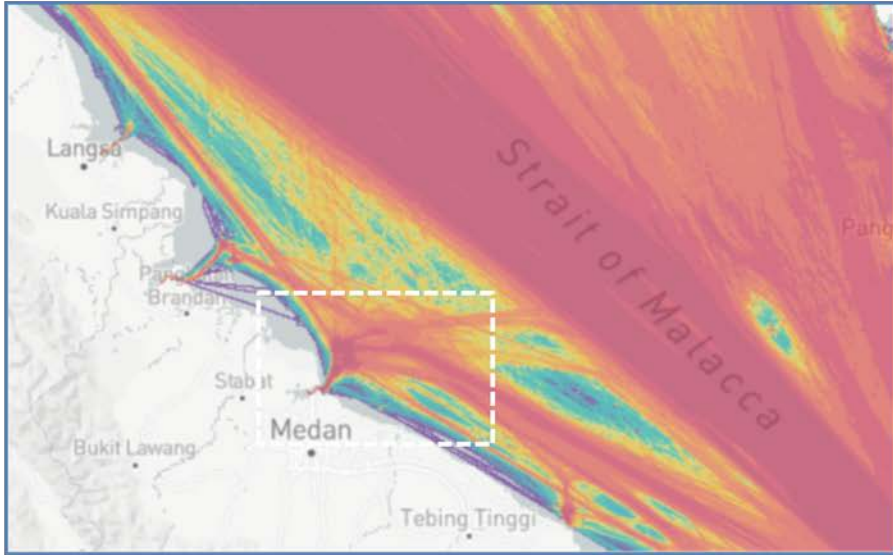


Existing VTS



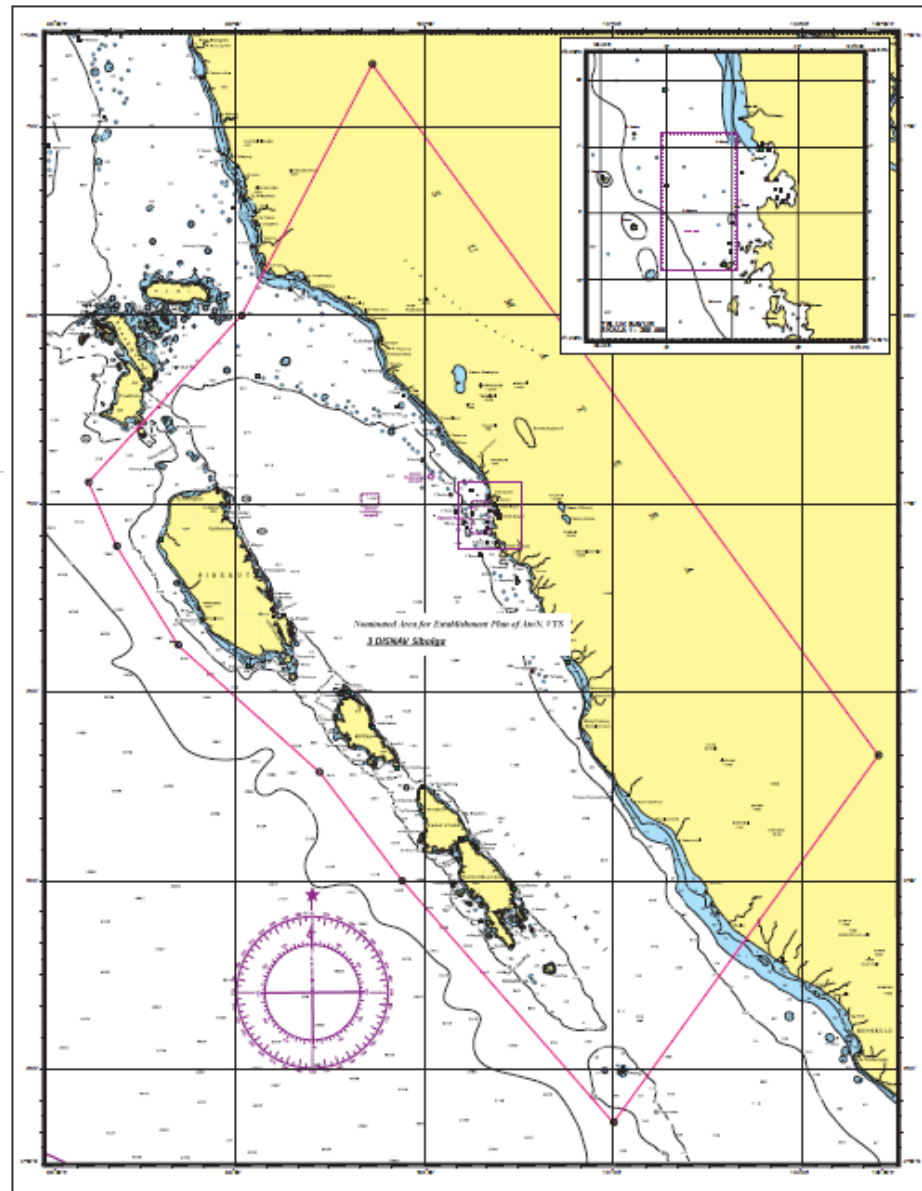
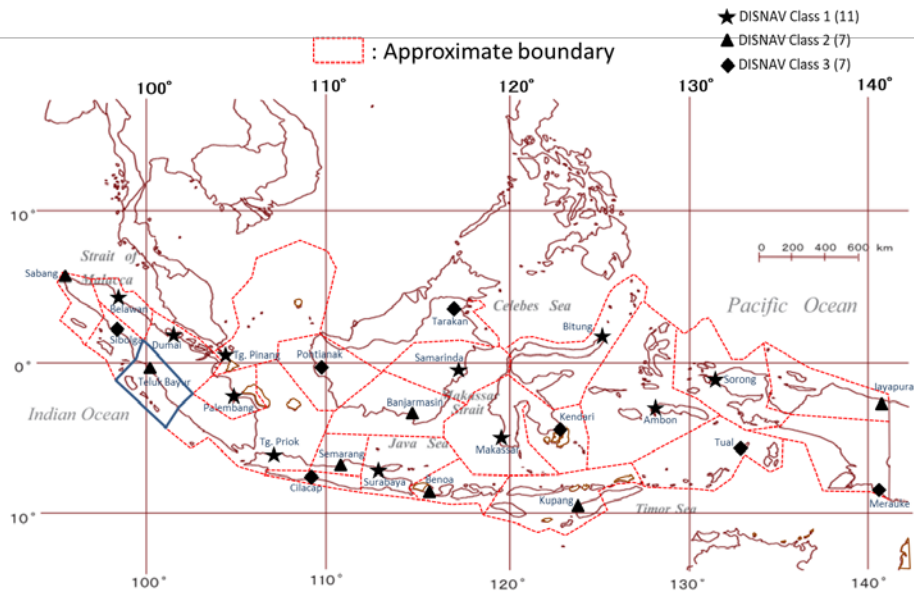
Belawan VTS

Existing VTS



4 DISNAV Teluk Bayur

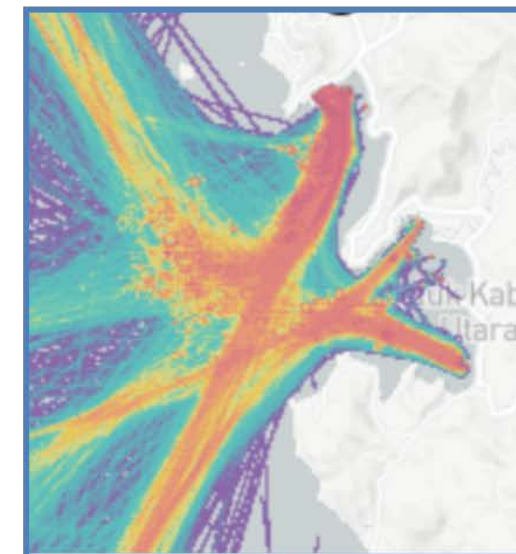
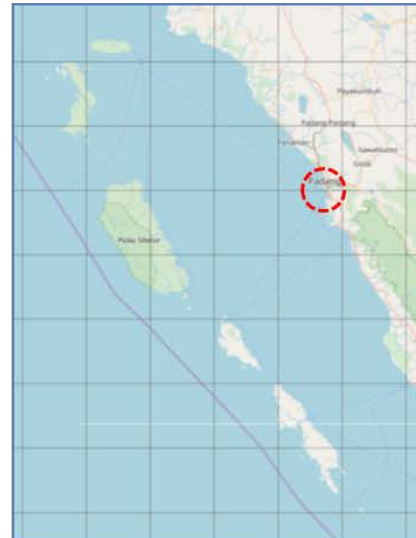
Outline of DISNAV Service Area



1-B Outline Map of Existing VTS

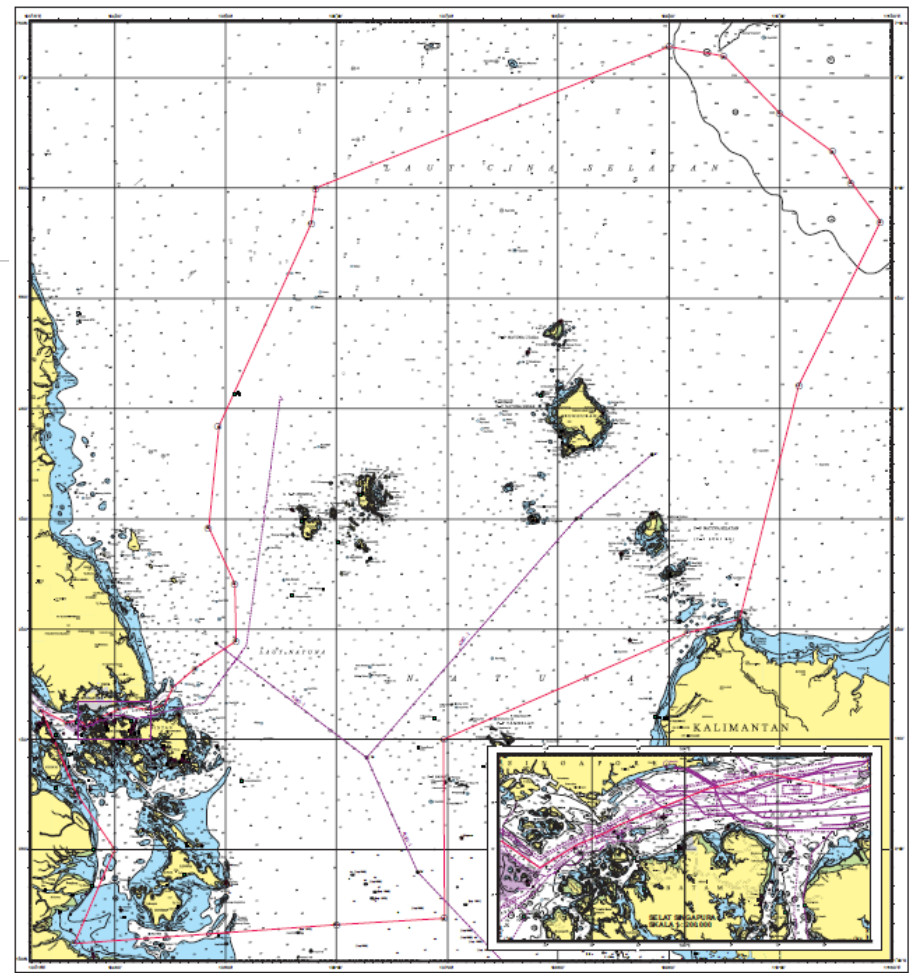
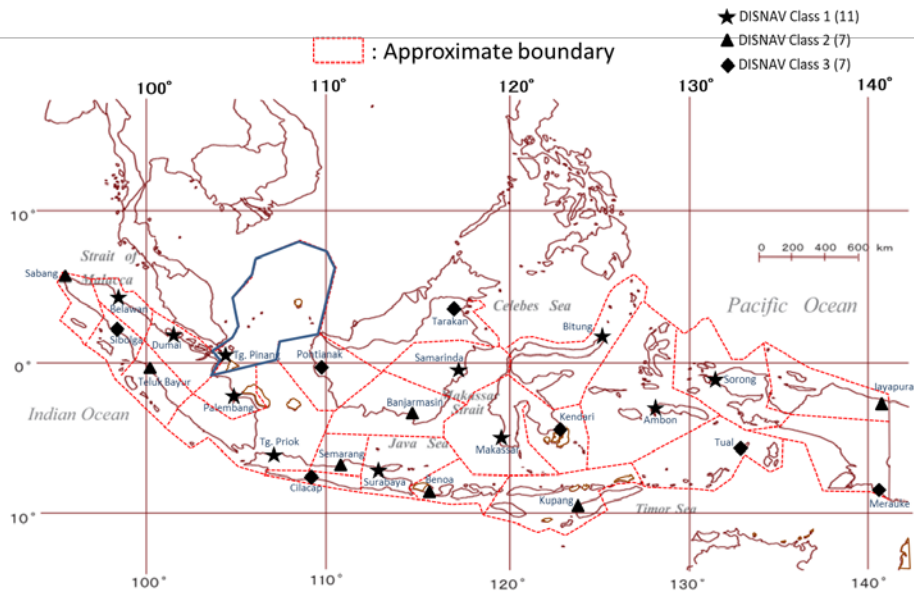
1 Teluk Bayur VTS

(1° 02' 26"S 100° 22' 50"E)



5 DISNAV Tg. Pinang

Outline of DISNAV Service Area



1-A Summary Table for Planned VTS

1 DISNAV Tg. Pinang

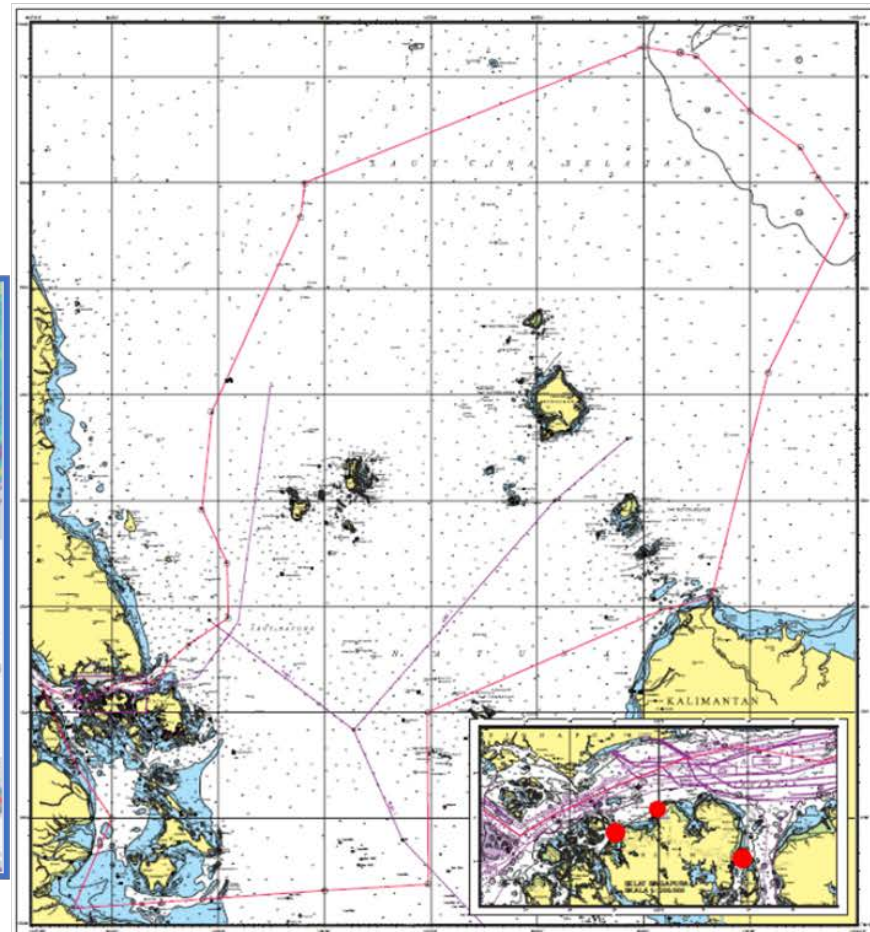
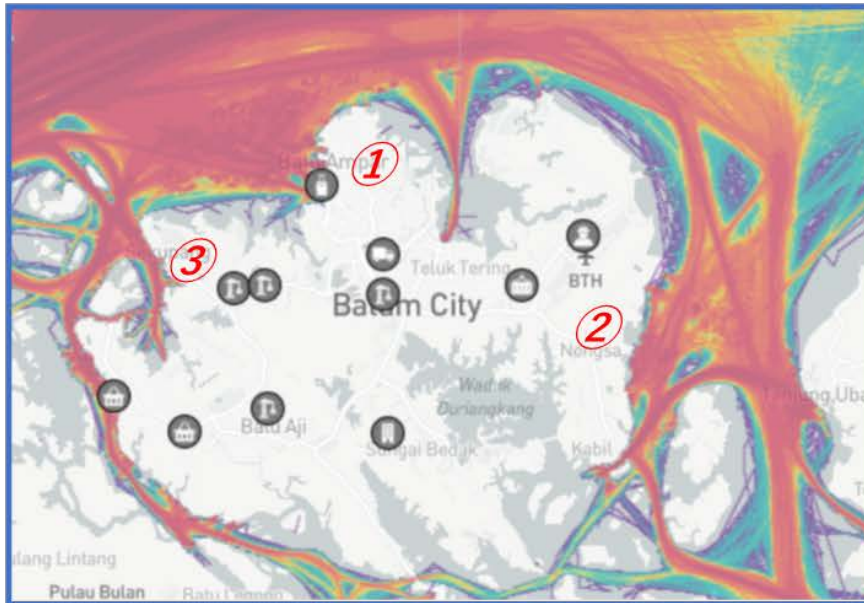
No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
1	BaPelabuhan Batu Ampar	Port/Harbor	-----	-----	Feasibility Study
2	Pelabuhan Kabil	Port/Harbor	-----	-----	Feasibility Study
3	Pelabuhan Sekupang	Port/Harbor	-----	-----	Feasibility Study

1-B Outline Map of Planned VTS

5 Tg. Pinang (I)

Planned VTS

- 1 Pelabuhan Batu Ampar
- 2 Pelabuhan Kabil
- 3 Pelabuhan Sekupang



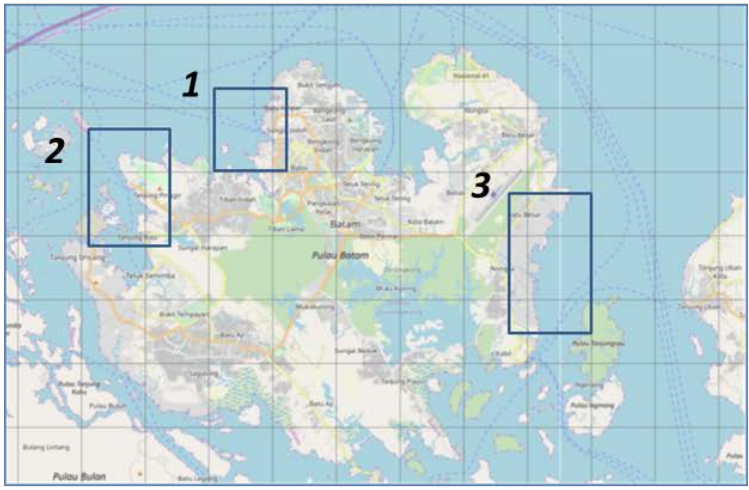
Planned VTS

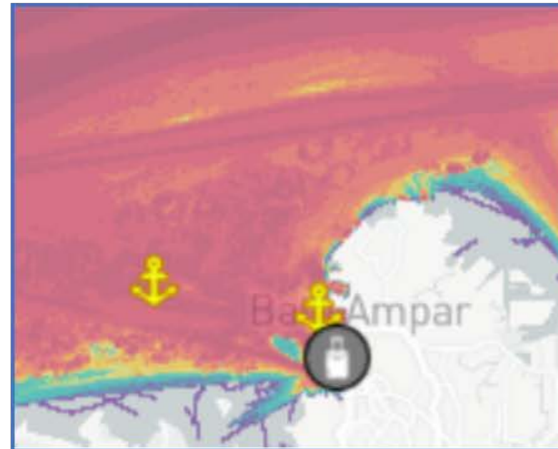


2 Pelabuhan Sekupang



3 Pelabuhan Kabil



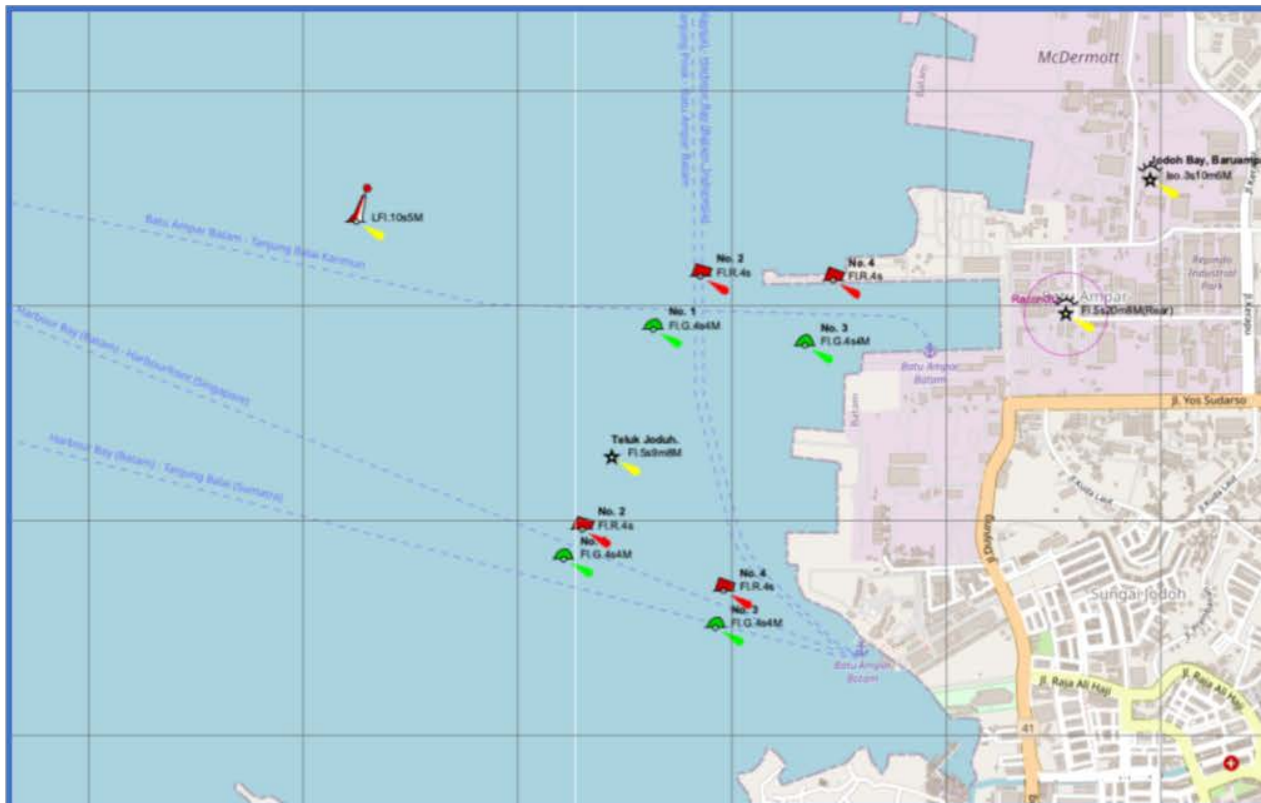


Planned VTS

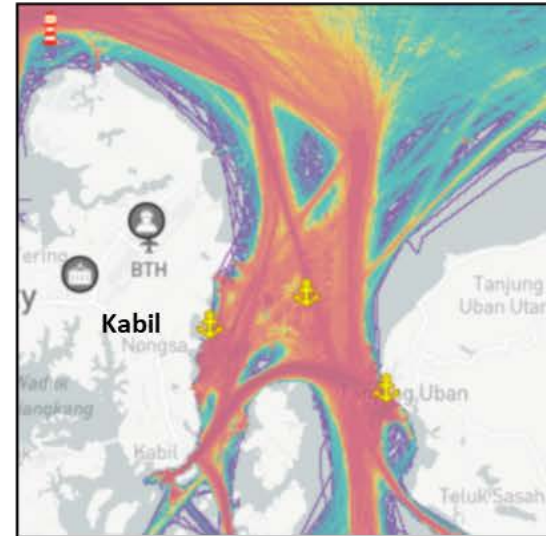
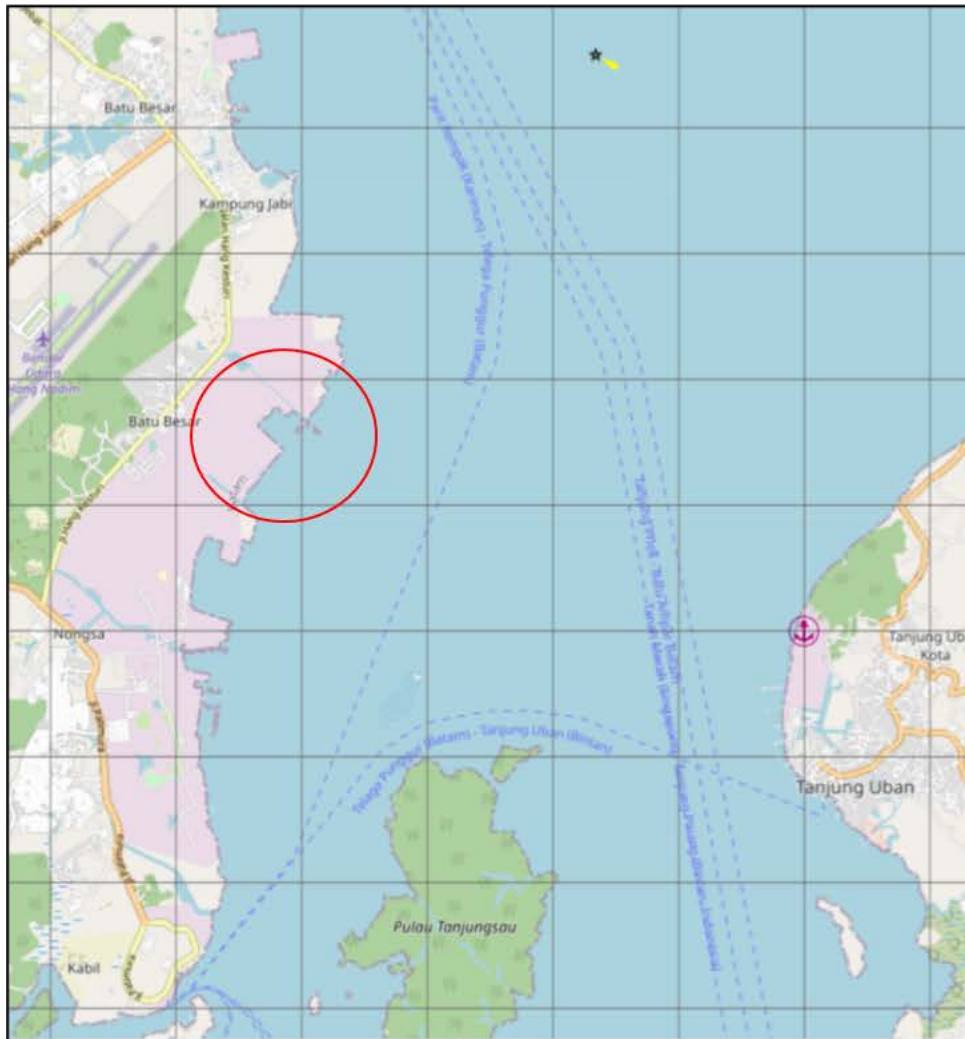
1 Pelabuhan Batu Ampar

Issues to work on

- *Monitoring Vessels*
- *Passenger Ferry*



Planned VTS



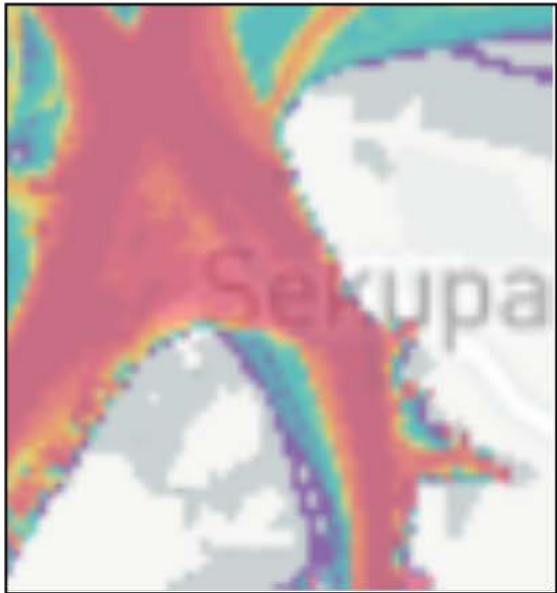
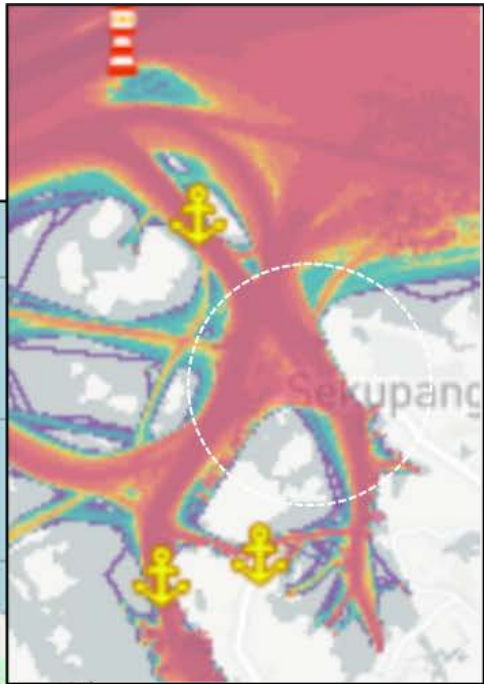
2 Pelabuhan Kabil

Issues to work on

- *Monitoring Vessels*
- *Passenger Ferry*



Planned VTS



3 Pelabuhan Sekupang

Issues to work on

- *Monitoring Vessels*
- *Passenger Ferry*



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MarineTraffic.com

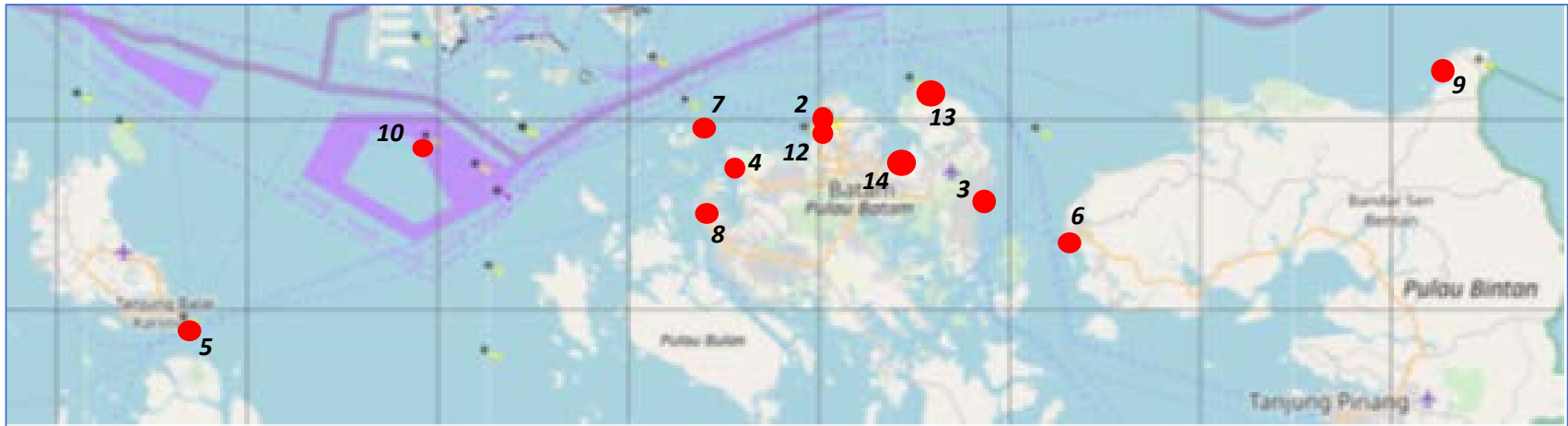
© Waldin Alfian Parnucip
MarineTraffic.com

Sheet ① Reporting Format for Nominated Area of Establishing VTS
Lembar ① (Format Pelaporan Nominasi Pembangunan VTS)

District : Tg. Pinang (5)												
(Priority) (Prioritas)	Name (Area/Port) Nama (Area/Pelabuhan)	1. Main Purpose of VTS (Tujuan Utama VTS)	2. VTS Area (Area VTS)	Necessary Data/Information (Data/Informasi yang dibutuhkan)						Reference (Fill out) (Referensi (Diisi))		Note (Catatan)
				3. Nautical Chart (Peta Laut)	4. AIS Data (Data AIS)	5. Conventional Route (Rute Konvensional)	6. Traffic Volume (Volume Traffic/ Lalu Lintas)	7. Marine Accident Data (Data Kecelakaan Kelautan)	8. Stakeholder Demands (Permintaan Pihak Berkapentingan)	National Strategy (Strategi Nasional)	Special Situation (Situasi Khusus)	
Example (Contoh)	Tanjung 000	a INS, TOS	b Port/Harbour (Pelabuhan)	b General Scale (Skala Umum)	a Independent (Independen)	a Existing (Yang ada)	a Existing (Yang ada)	a Existing (Telah ada)	a Sailor (Pelaut)	Tourism (Pariwisata)	Target of small vessels (target untuk kapal-kapal kecil)	
2	PELABUHAN BATU AMPAR	b INS, TOS, NAS	b Port/Harbour (Pelabuhan)	a Big Scale (Skala Besar)	a Independent (Independen)	a Existing (Yang ada)	a Existing (Yang ada)	a Existing (Telah ada)	a Sailor (Pelaut)	MONITORING KAPAL KELUAR MASUK	FERY PENUMPANG	
3	PELABUHAN KABIL	b INS, TOS, NAS	b Port/Harbour (Pelabuhan)	a Big Scale (Skala Besar)	a Independent (Independen)	a Existing (Yang ada)	a Existing (Yang ada)	a Existing (Telah ada)	a Sailor (Pelaut)	MONITORING KAPAL KELUAR MASUK	FERY YG PASING	
4	PELABUHAN SEKUPANG	b INS, TOS, NAS	b Port/Harbour (Pelabuhan)	a Big Scale (Skala Besar)	a Independent (Independen)	a Existing (Yang ada)	a Existing (Yang ada)	a Existing (Telah ada)	a Sailor (Pelaut)	MONITORING KAPAL KELUAR MASUK	FERY PENUMPANG	
5	PELABUHAN KARIMUN	b INS, TOS, NAS	b Port/Harbour (Pelabuhan)	a Big Scale (Skala Besar)	a Independent (Independen)	a Existing (Yang ada)	a Existing (Yang ada)	a Existing (Telah ada)	a Sailor (Pelaut)	MONITORING KAPAL KELUAR MASUK		
6	PELABUHAN TJUBAN	b INS, TOS, NAS	b Port/Harbour (Pelabuhan)	a Big Scale (Skala Besar)	a Independent (Independen)	a Existing (Yang ada)	a Existing (Yang ada)	a Existing (Telah ada)	a Sailor (Pelaut)	OIL LOGISTIC		
7	PELABUHAN SAMBU	b INS, TOS, NAS	b Port/Harbour (Pelabuhan)	a Big Scale (Skala Besar)	a Independent (Independen)	a Existing (Yang ada)	a Existing (Yang ada)	a Existing (Telah ada)	a Sailor (Pelaut)	OIL LOGISTIC		
8	TANJUNG UNCANG	b INS, TOS, NAS	b Port/Harbour (Pelabuhan)	b General Scale (Skala Umum)	a Independent (Independen)	a Existing (Yang ada)	a Existing (Yang ada)	a Existing (Telah ada)	a Sailor (Pelaut)	SHIP TO DOCK AREA		
9	STS BERAKIT	b INS, TOS, NAS	a Coastal Waters (Perairan pantai)	a Big Scale (Skala Besar)	a Independent (Independen)	a Existing (Yang ada)	a Existing (Yang ada)	a Existing (Telah ada)	a Sailor (Pelaut)	CREW CHANGE & STS		
10	STS NIPA	b INS, TOS, NAS	a Coastal Waters (Perairan pantai)	a Big Scale (Skala Besar)	a Independent (Independen)	a Existing (Yang ada)	a Existing (Yang ada)	a Existing (Telah ada)	a Sailor (Pelaut)	CREW CHANGE & STS		
11	STS BATU AMPAR	b INS, TOS, NAS	b Port/Harbour (Pelabuhan)	a Big Scale (Skala Besar)	a Independent (Independen)	a Existing (Yang ada)	a Existing (Yang ada)	a Existing (Telah ada)	a Sailor (Pelaut)	CREW CHANGE & STS		
12	PELABUHAN HARBOURBAY	b INS, TOS, NAS	b Port/Harbour (Pelabuhan)	a Big Scale (Skala Besar)	a Independent (Independen)	a Existing (Yang ada)	a Existing (Yang ada)	a Existing (Telah ada)	a Sailor (Pelaut)	Tourism (Pariwisata)		
13	PELABUHAN NONGSA	b INS, TOS, NAS	b Port/Harbour (Pelabuhan)	a Big Scale (Skala Besar)	a Independent (Independen)	a Existing (Yang ada)	a Existing (Yang ada)	a Existing (Telah ada)	a Sailor (Pelaut)	Tourism (Pariwisata)		
14	PELABUHAN BATAM CENTER	b INS, TOS, NAS	b Port/Harbour (Pelabuhan)	a Big Scale (Skala Besar)	a Independent (Independen)	a Existing (Yang ada)	a Existing (Yang ada)	a Existing (Telah ada)	a Sailor (Pelaut)	Tourism (Pariwisata)		

Planned VTS

- | | | | |
|---|----------------------|----|------------------------|
| 2 | PELABUHAN BATU AMPAR | 9 | STS BERAKIT |
| 3 | PELABUHAN KABIL | 10 | STS NIPA |
| 4 | PELABUHAN SEKUPANG | 11 | STS BATU AMPAR |
| 5 | PELABUHAN KARIMUN | 12 | PELABUHAN HARBOURBAY |
| 6 | PELABUHAN TJ.UBAN | 13 | PELABUHAN NONGSA |
| 7 | PELABUHAN SAMBU | 14 | PELABUHAN BATAM CENTER |
| 8 | TANJUNG UNCANG | | |



1-A Summary Table for Existing VTS

1 DISNAV Tg. Pinang

No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
1	Batam VTS	Port/Harbor	01° 10' 51.02" N	104° 00' 52.10" E	

Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	4	3	1	3	3	0	

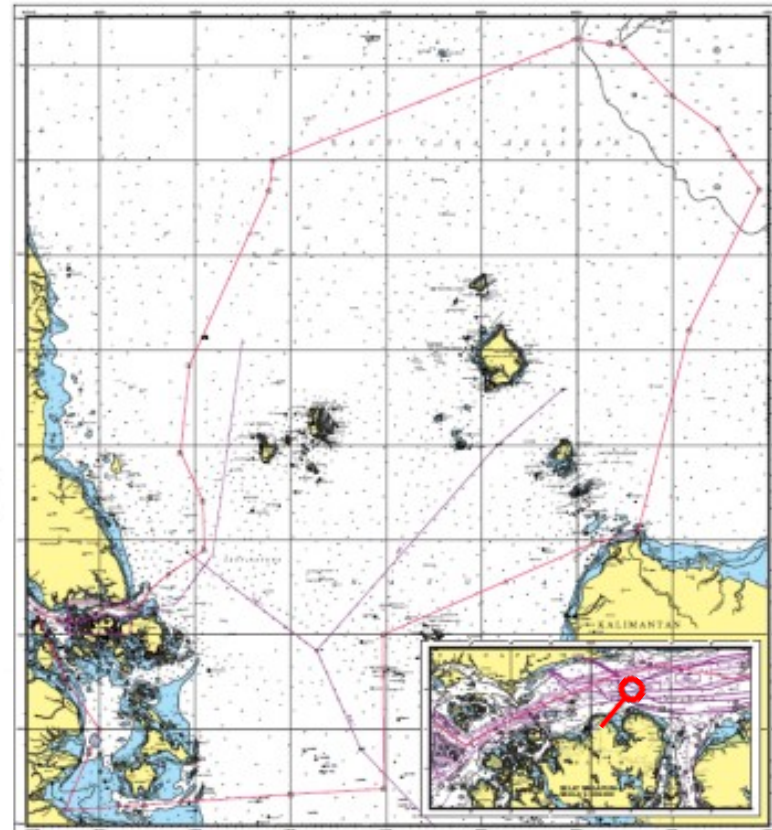
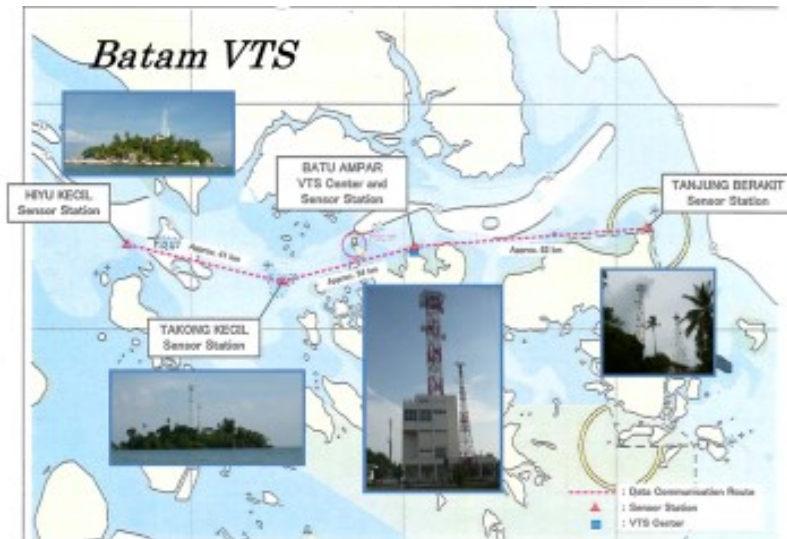
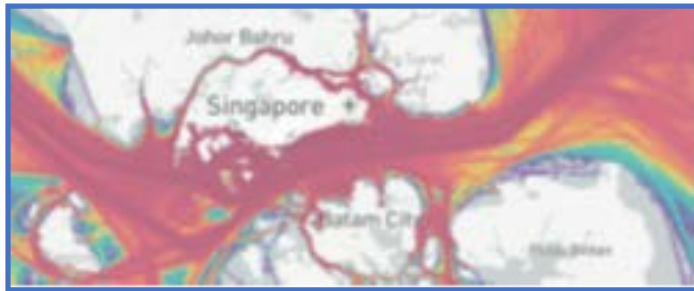
1-B Outline Map of Existing VTS

5 Tg. Pinang (I)

Existing VTS
Batam VTS

Center :Batam VTS (01° 10' 51.02" N 104 ° 00' 52.10" E) R.A.V
 Site : Tj. Berakit (01° 03' 08.90" N 104° 34' 37.50" E) R.A.V.M
 Site : Takong Keci (01° 06' 19.02" N 103° 43' 06.40" E) R.C.M
 Site : Hiyu Keki (01° 11' 27.70" N 103° 21' 07.03" E) R.A.V.M

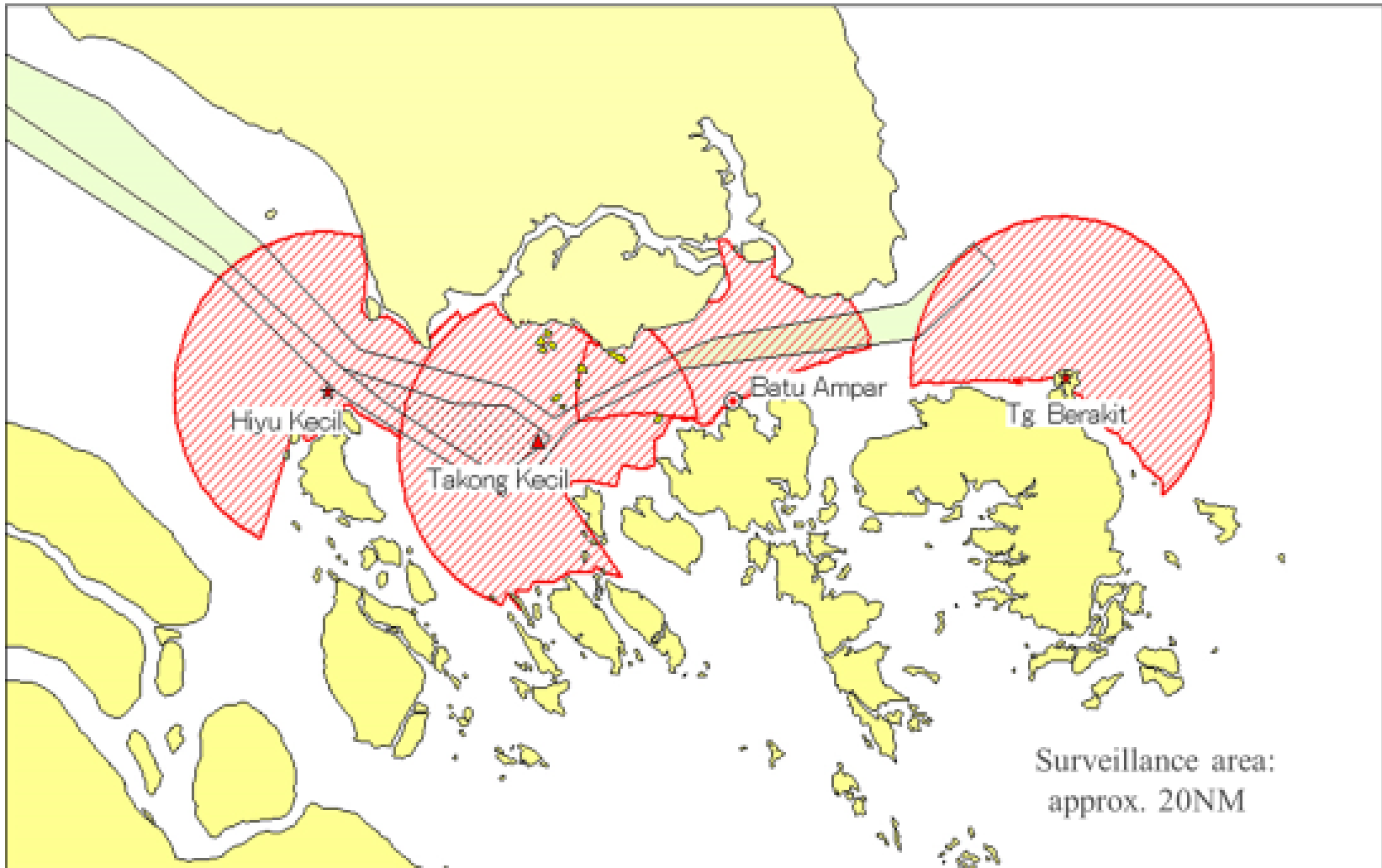
R : Radar
 A : AIS
 V : VHF
 C : CCTV
 M : METEOROLOGICAL



Existing VTS

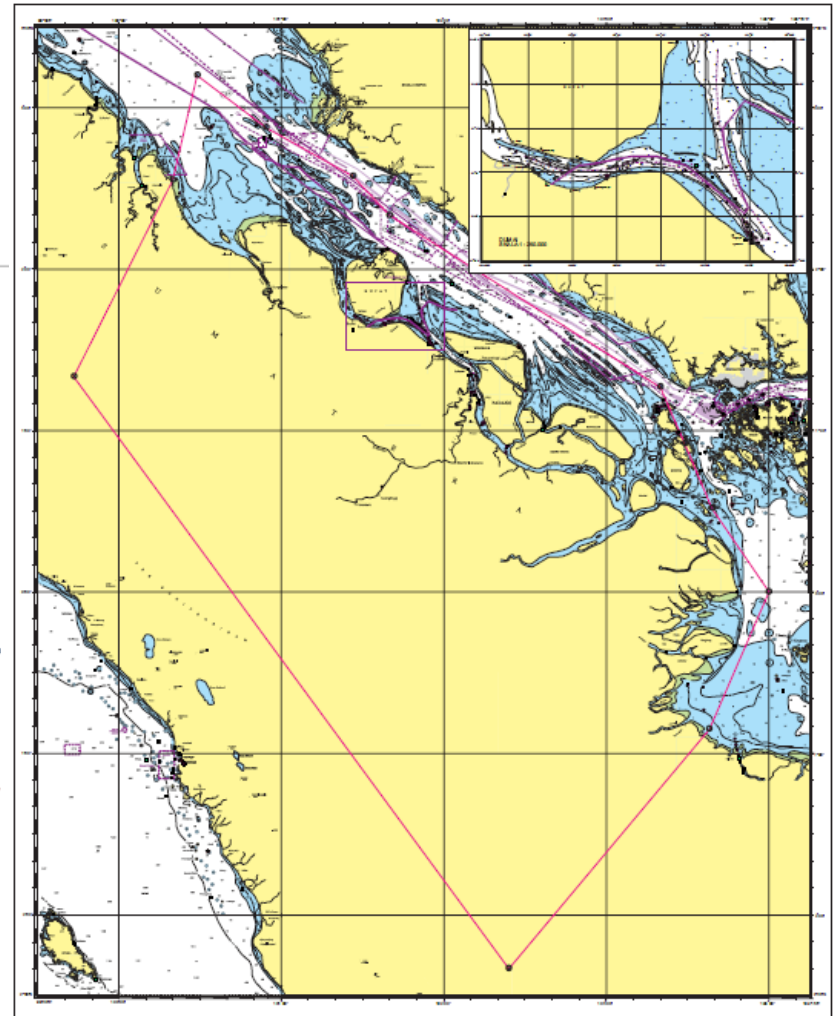
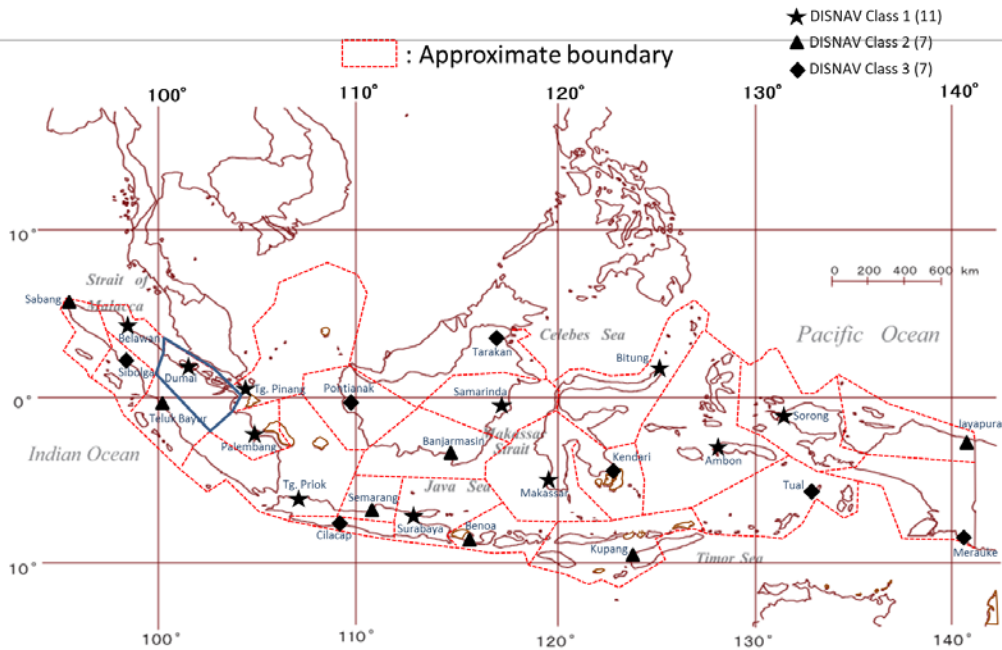
Batam VTS

Coverage of Radar



6 DISNAV Dumai

Outline of DISNAV Service Area



1-A Summary Table for Existing VTS

6 Dumai

No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
1	Dumai VTS	Port/Harbor	01° 39' 33.00" N	101° 26' 14.00" E	

Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	1	5	3	1	3	0	

1-B Outline Map of Existing VTS

6 Dumai (I)

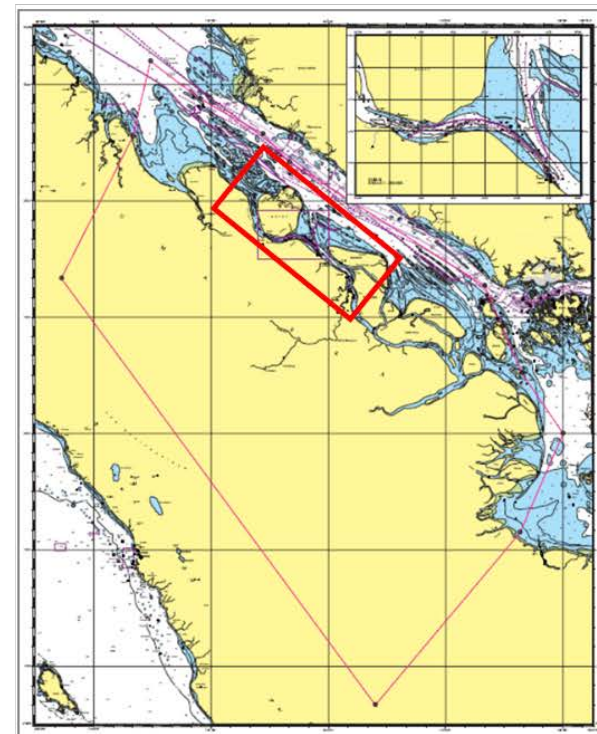
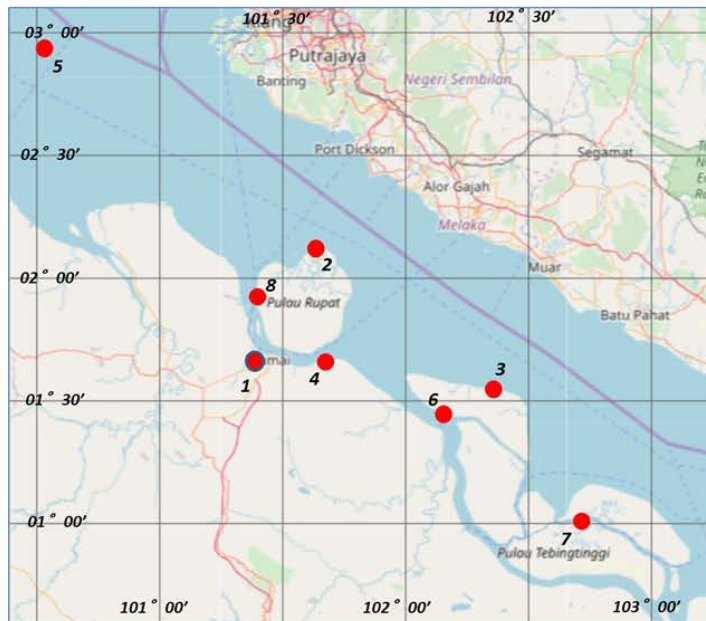
Existing VTS

Dumai VTS

- 1 Venter : Dumai VTS
- 2 Site : Tanjung Medang
- 3 Site : Tanjung Parit
- 4 Site : Selincing
- 5 Site : Pulau Jemur
- 6 Site : Bengkalis
- 7 Site : Selat Panjang
- 8 Site : Tanjung Sair

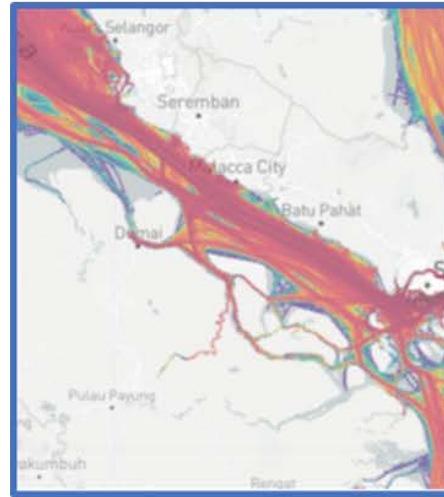
- 1 (01° 39' 33" N 101° 26' 14" E)
- 2 (02° 07' 28" N 101° 39' 21" E) R, A, V, C, M
- 3 (01° 31' 31" N 102° 26' 06" E) A, V
- 4 (01° 39' 42" N 101° 41' 12" E) A, V, C
- 5 (02° 52' 49" N 100° 33' 57" E) A
- 6 (01° 27' 32" N 102° 08' 31" E) A, V
- 7 (01° 00' 53" N 102° 42' 51" E) A, V
- 8 (01° 54' 30" N 101° 22' 59" E) A

R : Radar
 A : AIS
 V : VHF
 C : CCTV
 M : METEOROLOGICAL



Existing VTS

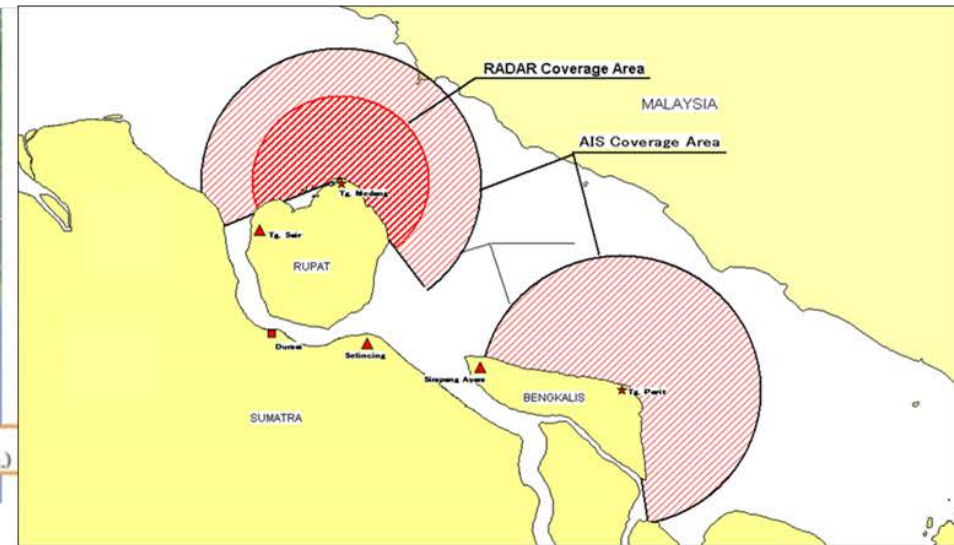
- 1 Venter : Dumai VTS
- 2 Site : Tanjung Medang
- 3 Site : Tanjung Parit
- 4 Site : Selincing
- 5 Site : Pulau Jemur
- 6 Site : Bengkalis
- 7 Site : Selat Panjang
- 8 Site : Tanjung Sair



Tanjung Medang Radar Station

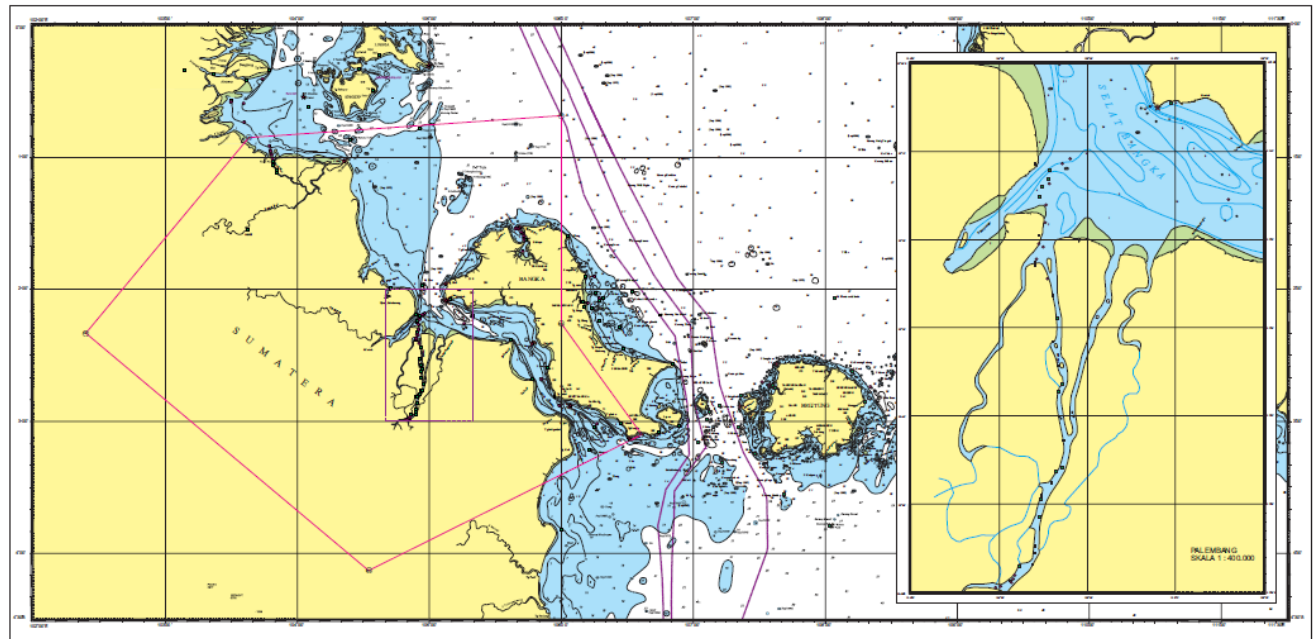
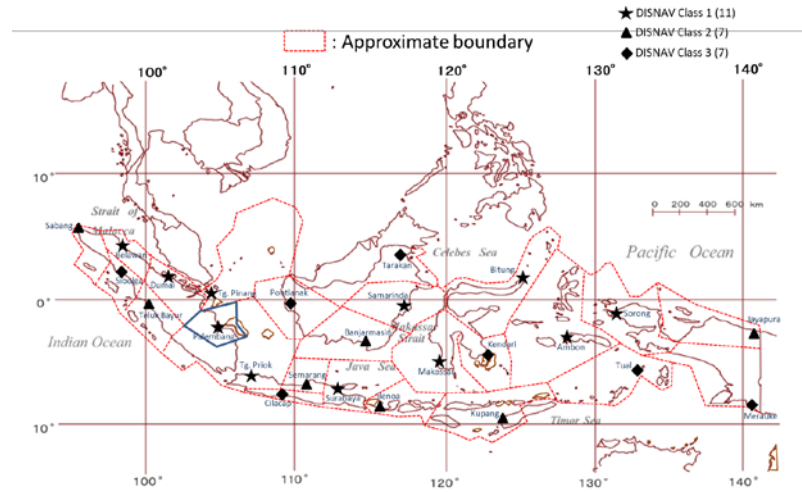


- VTS center
- ▲ Repeater station (St)
- Sensor station(St)



7 DISNAV Palembang

Outline of DISNAV Service Area



1-A Summary Table for Existing VTS

7 DISNAV Palembang

No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
1	Palembang VTS	Inland Water (River)	02° 58' 48.69" S	104° 46' 32.75" E	

Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	4	2	0	2	3	2	

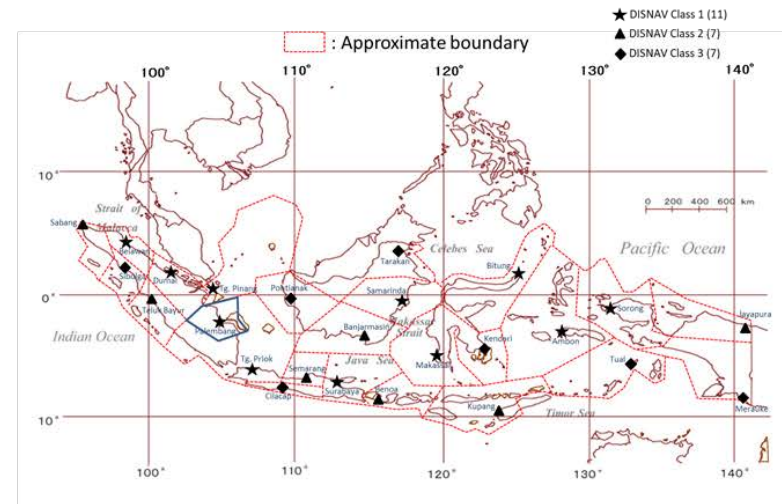
1-B Outline Map of Existing VTS

Nominated Area for Establishment Plan of AtoN, VTS

7 DISNAV Palembang



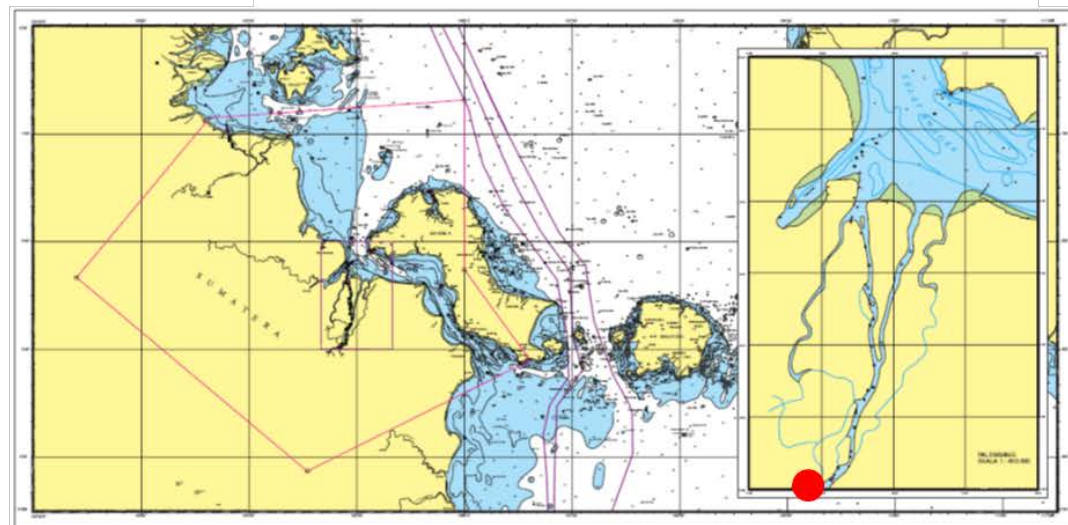
Outline of DISNAV Service Area



Existing VTS

Palembang VTS

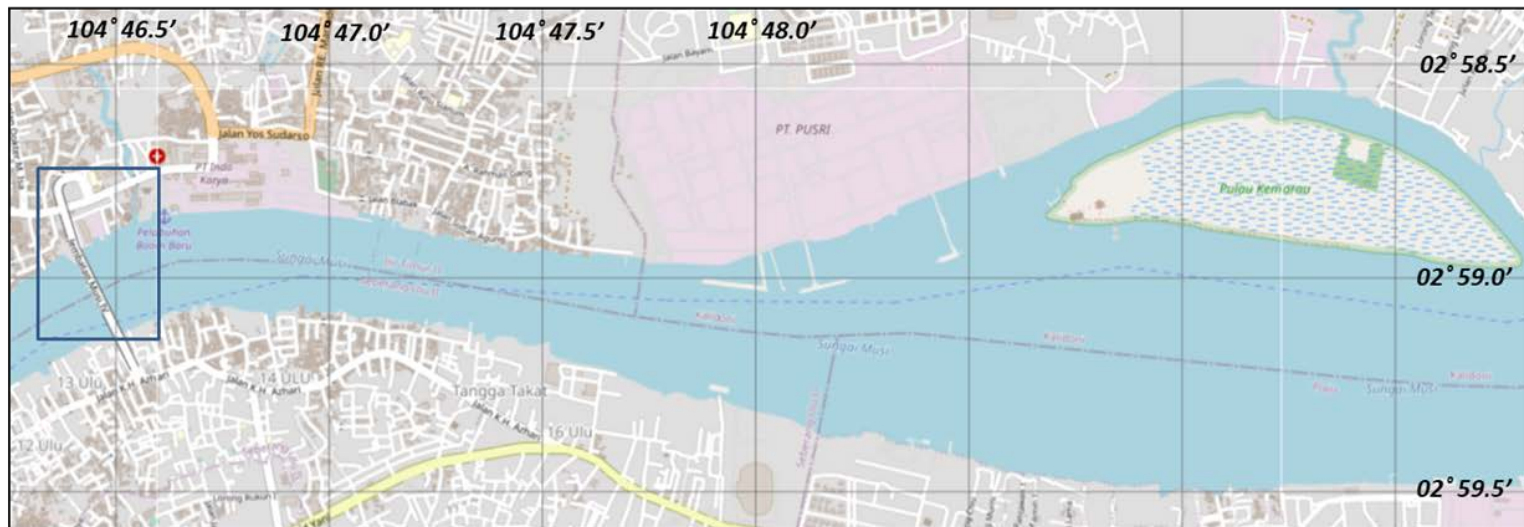
- Center x 1
- Radar x 4
- AIS x 2
- Me. x 2
- VHF x 3
- Traffic/Tidal Signal St. x 2



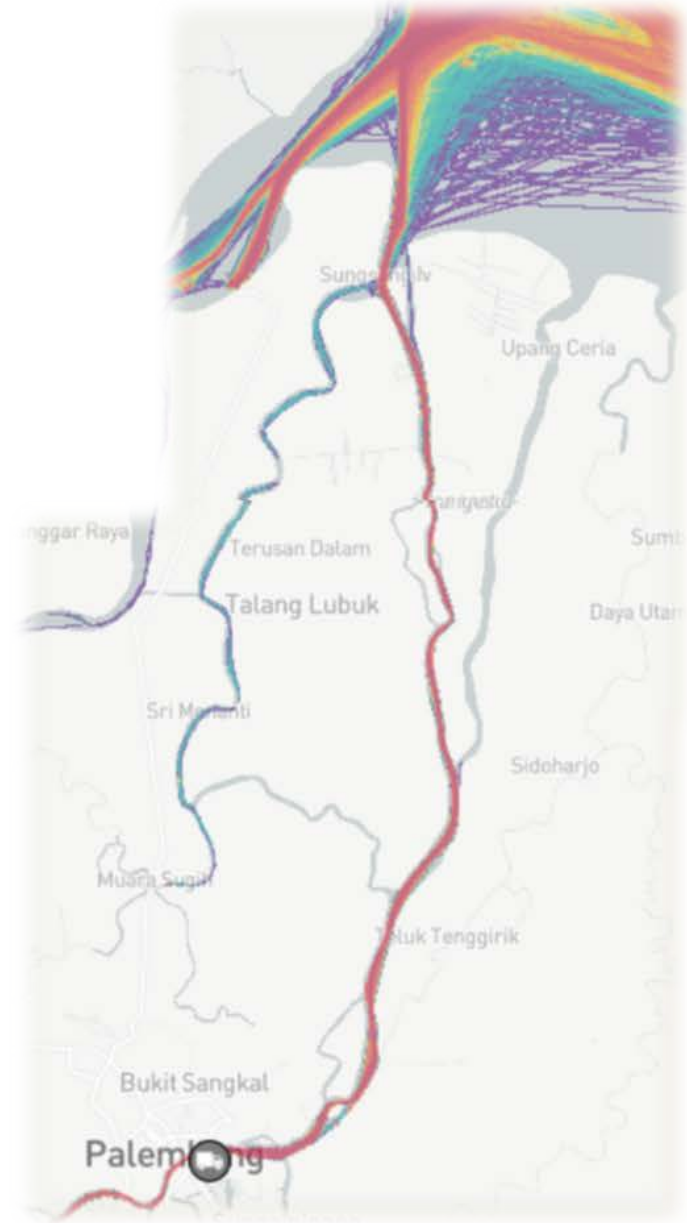
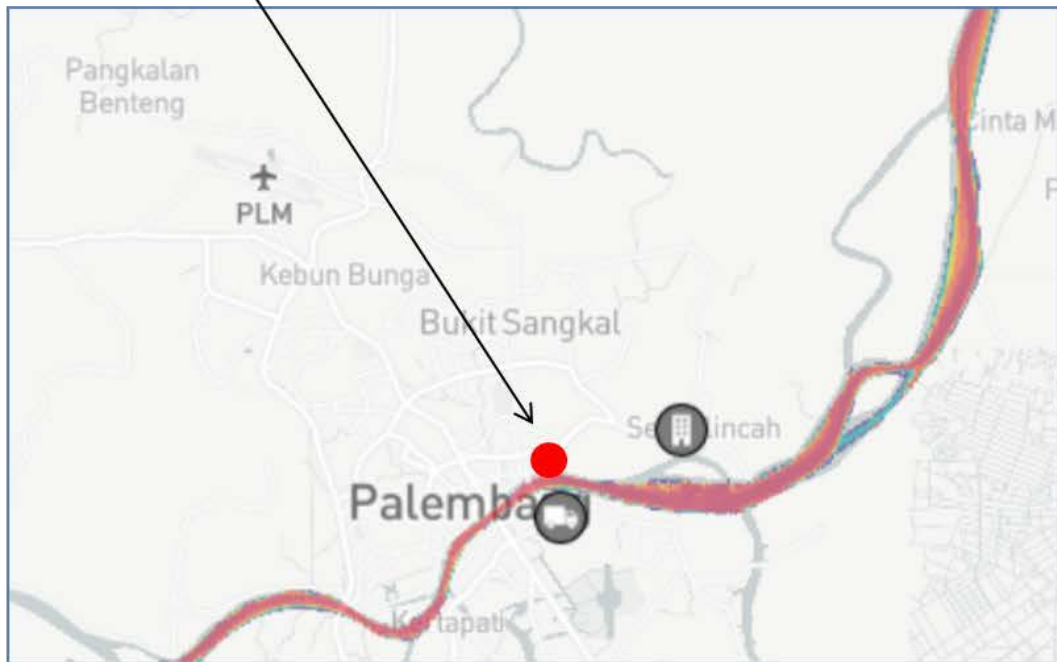
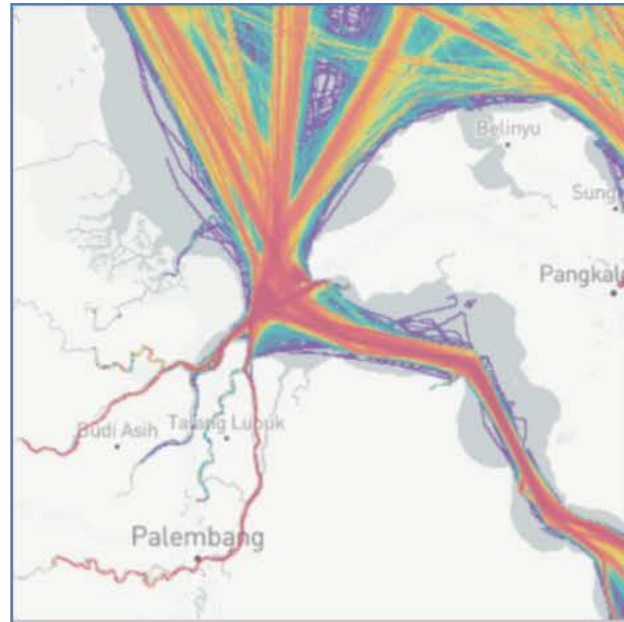
Existing VTS

Palembang VTS

(02° 58' 48.69" S 104° 46' 32.75" E)

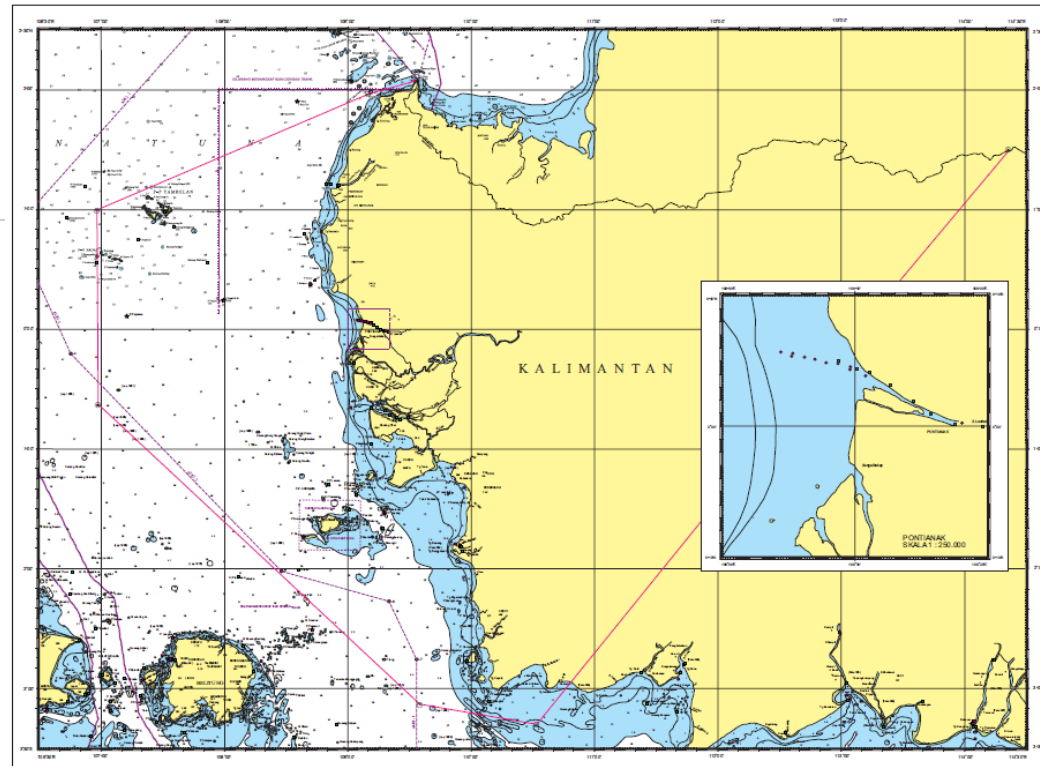
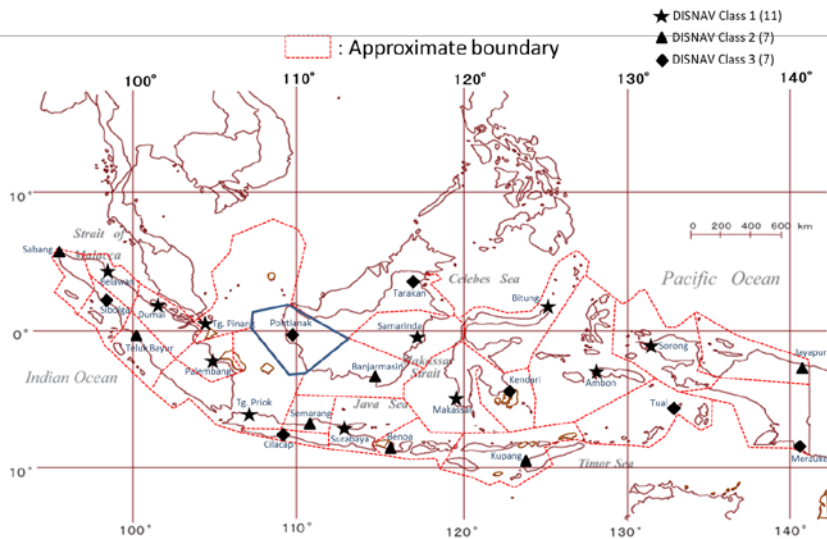


VTS Palembang
2°58'48,69" S
104°46'32,75" E



8 DISNAV Pontianak

Outline of DISNAV Service Area



1-A Summary Table for Planned VTS

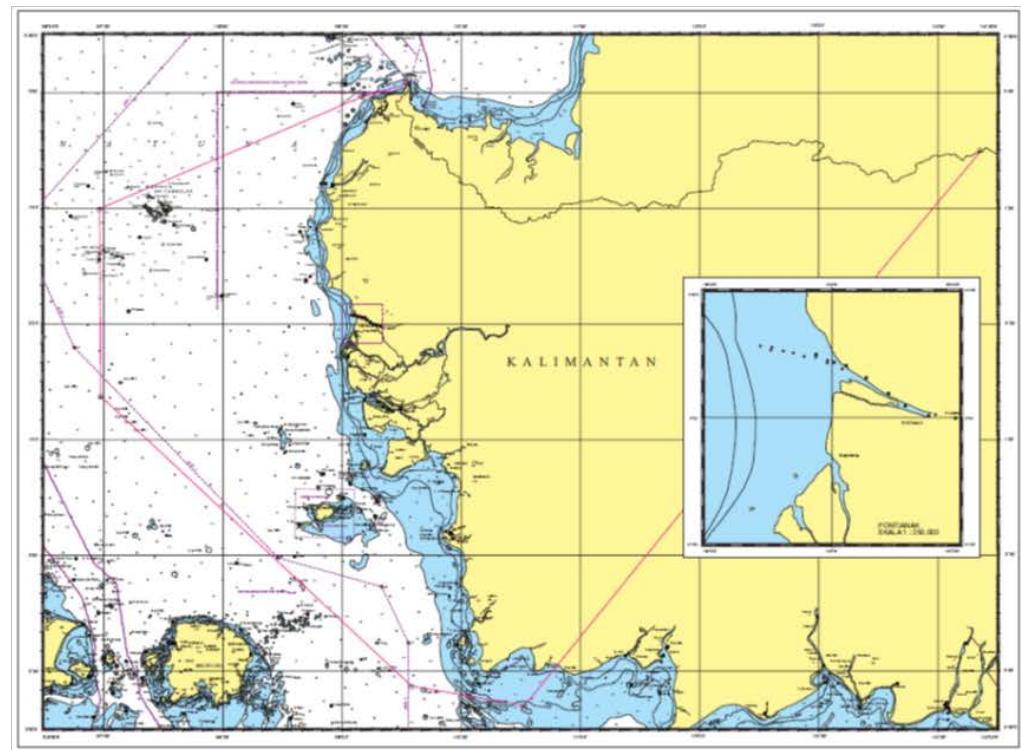
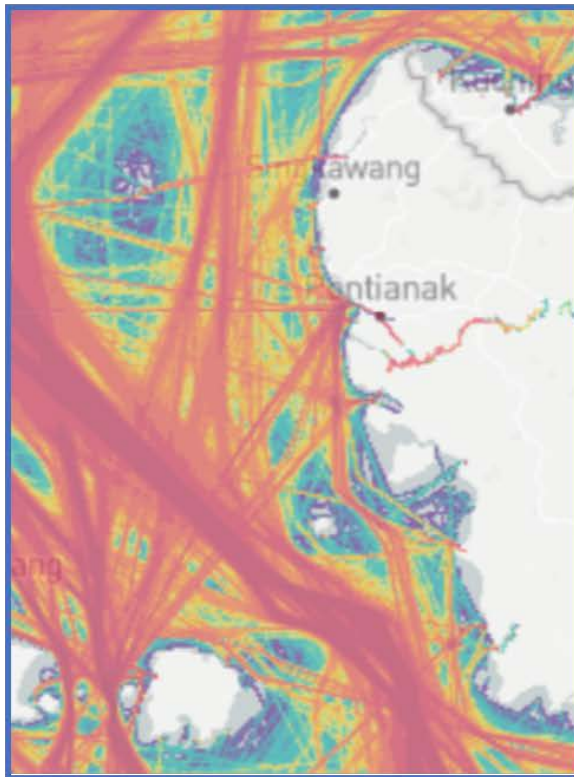
8 DISNAV Pontianak

No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
1	Pelabuhan Soekarno	Port/Harbor	-----	-----	
2	Dwikora	Inland Water (River)	-----	-----	Tourism

8 Pontianak (III)

Planned VTS (Nominated Area)

- 1 Pelabuhan Soekarno (*Port/Harbour*)
- 2 Dwikora (*Inland Water : River*)



1-A Summary Table for Existing VTS

8 DISNAV Pontianak

No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
1	Pontianak VTS	Inland Water (River)	00° 00' 41.40" S	109° 20' 04.10" E	

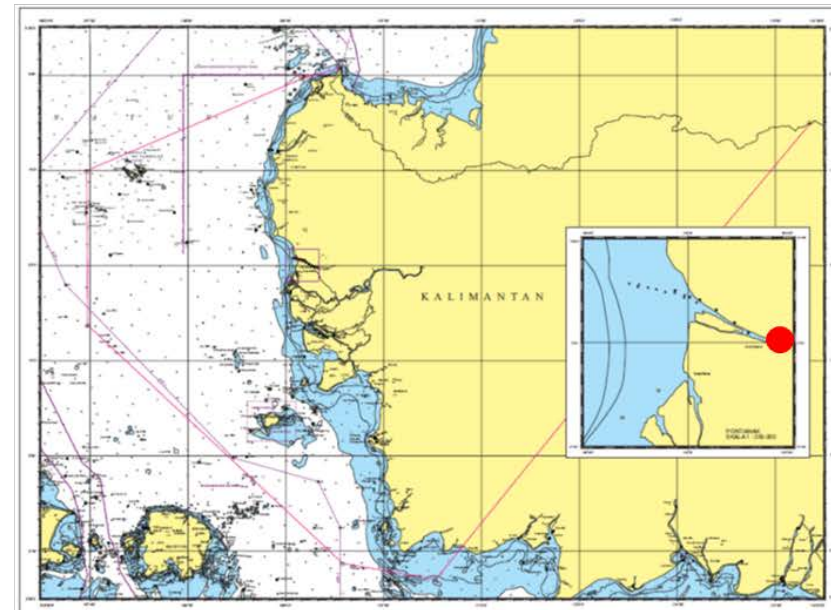
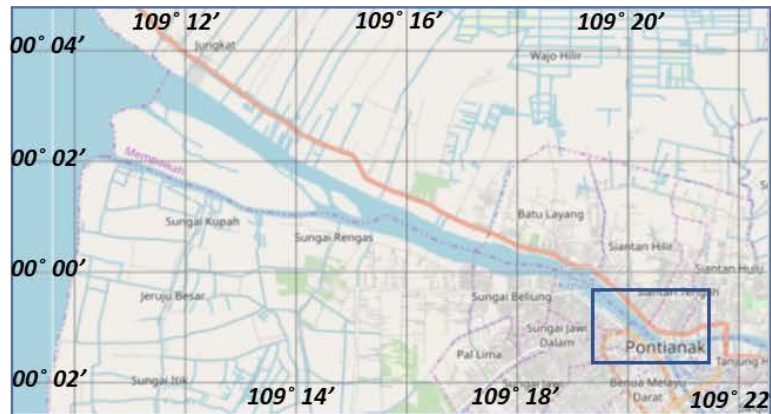
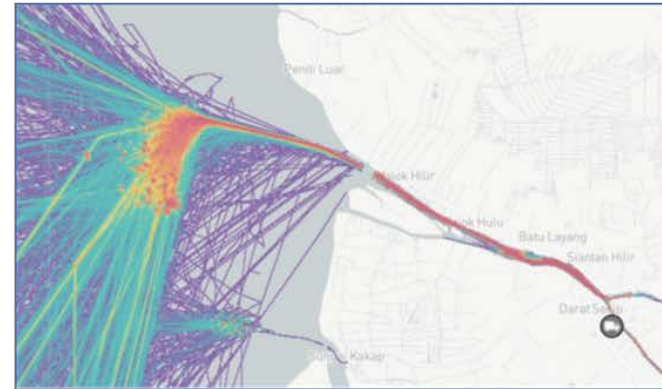
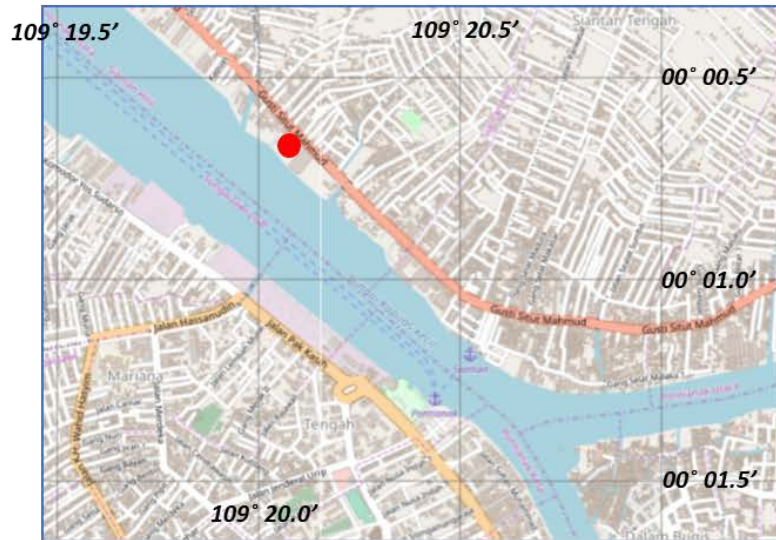
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	1	2	2	1	3	0	

1-B Outline Map of Existing VTS

Existing VTS

Pontianak VTS

($00^{\circ} 00' 41.40'' S$ $109^{\circ} 20' 04.10'' E$)



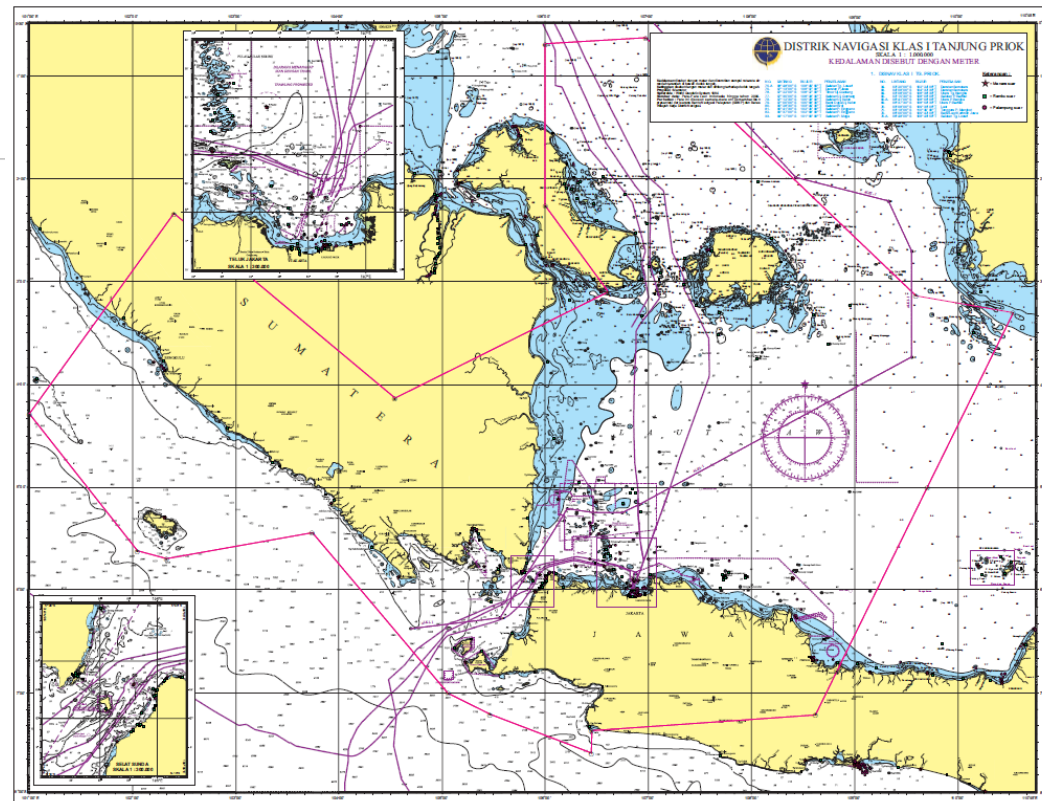
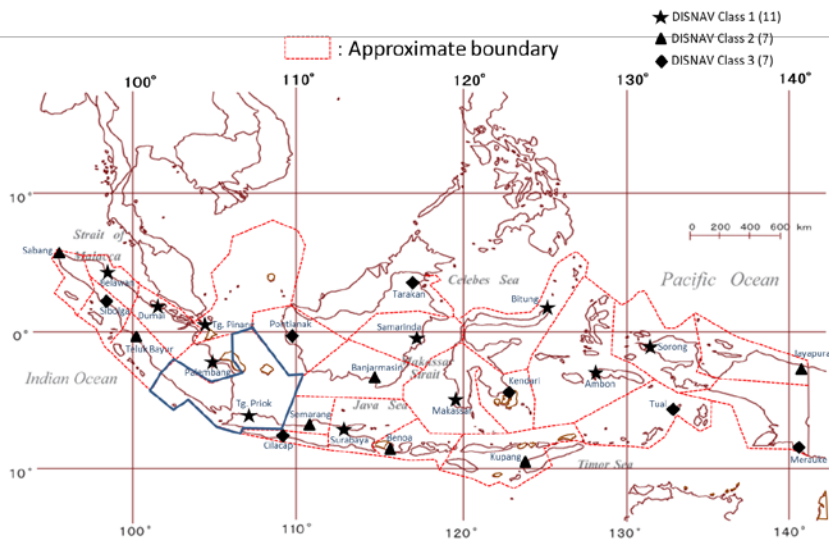
Sheet ② Reporting Format For List of Existing/Planned VTS
Lembar ② (Format Pelaporan Daftar VTS yang telah ada / VTS yang direncanakan)

District : Pontianak (8)

Reference Number (Nomer Referensi)	1 Segment (Existing/Planned) (Telah Ada/ Direncanakan)	Location of Center (Lokasi)			Type of VTS (Tipe VTS)		3 Facilities (Jumlah Fasilitas)								Legal Basis
		Name of VTS (Nama VTS)	Position (Posisi)		2 VTS Area	Purpose (Multiple Answers) / Maksud Tujuan (Jawaban Ganda)	Operation Center / Pusat Operasi	Radar	AIS	CCTC	Meteorological Instrument (Instrumen Meteorologi)	VHF	Traffic/Tidal Signal (Lalu Lintas/ Sinyal Pasang Surut)	Other (Fill out) (Lainnya (Diisi))	Regulation/Law (Fill Out) (Regulasi/Hukum) (Diisi)
			Longitude Garis Bujur	Latitude Garis Lintang											
1	a Existing (Telah ada)	Pontianak VTS	S 00° 00' 41,40"	E 109° 20' 04,10"	c Inland Water (River) (Perairan Dalam/Sungai)	c INS, NAS	1	1	2	2	1	3	0	Tide Station (stasiun pasang- surut)	Local Maritime Regulation/International Maritime Regulation

9 DISNAV Tg. Priok

Outline of DISNAV Service Area



1-A Summary Table for Planned VTS

9 Tg. Priok

No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
1	Patimban VTS	Port/Harbor	06° 13' 52.59" N	107° 54' 20.12" E	

Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	1	2	2	1	3	0	

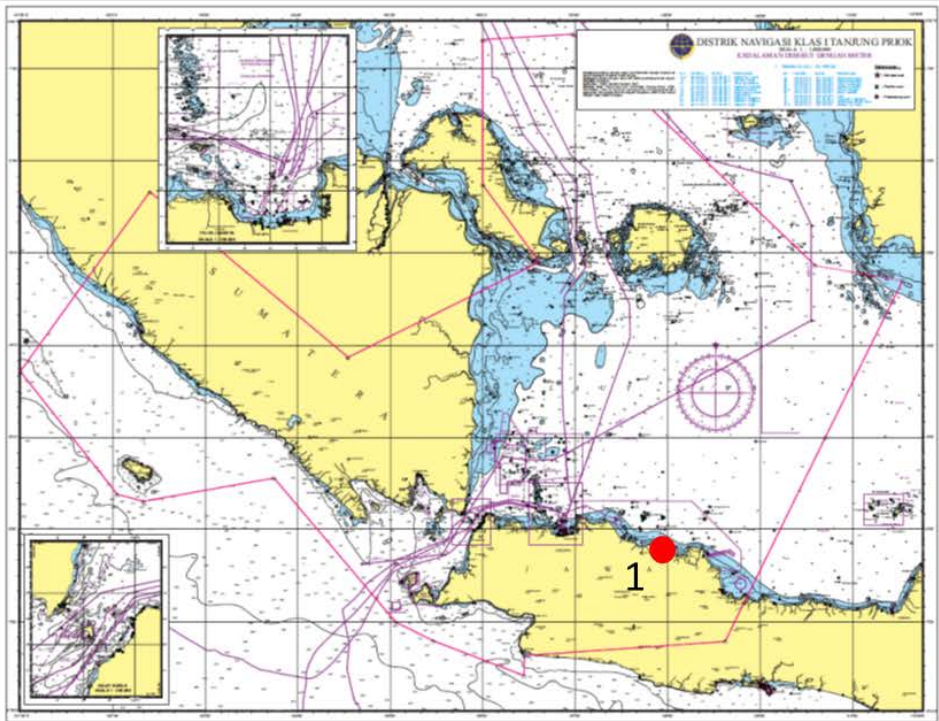
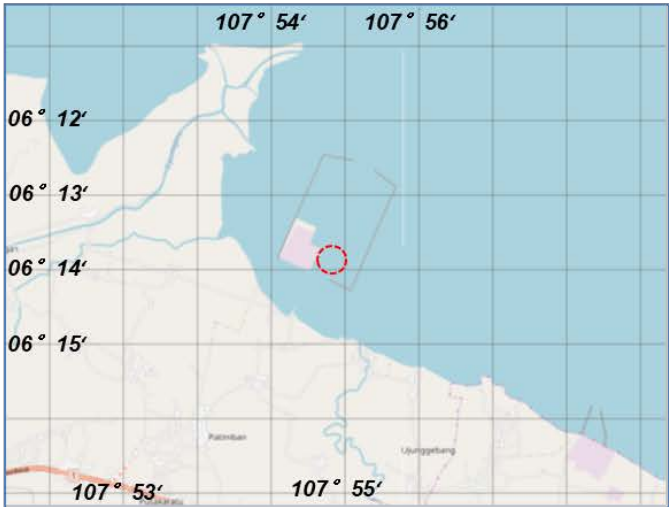
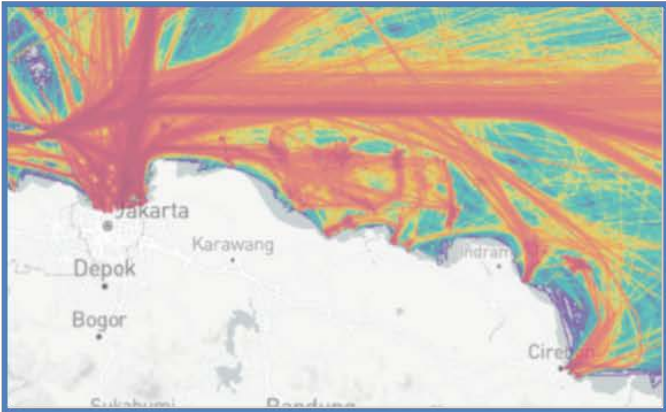
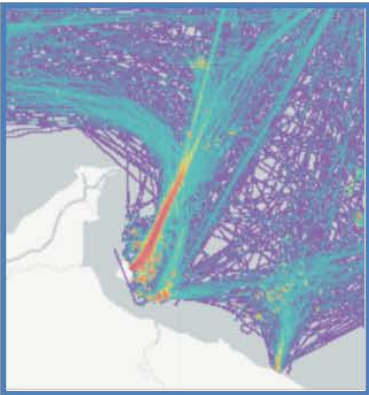
1-B Outline Map of Planned VTS

9 Tg. Priok (I)

Planned VTS

1 Patimban VTS

(06° 13'52.59" S 107° 54'20.12" E)



1-A Summary Table for Existing VTS

9 Tg. Priok

No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
1	Tanjung Priok VTS	Port/Harbor	06° 05' 47.27" N	106° 52' 55.69" E	
2	Merak VTS	Port/Harbor	05° 55' 35.26" N	105° 59' 58.97" E	
3	Panjang VTS	Port/Harbor	05° 27' 20.17" N	105° 18' 37.23" E	
4	Cirebon VTS	Port/Harbor	06° 43' 00.05" N	108° 34' 20.62" E	

Facilities								
No	Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	1	2	2	2	1	3	0	
2	1	1	1	2	1	2	0	
3	1	1	1	1	1	2	0	
4	1	1	1	1	1	3	0	

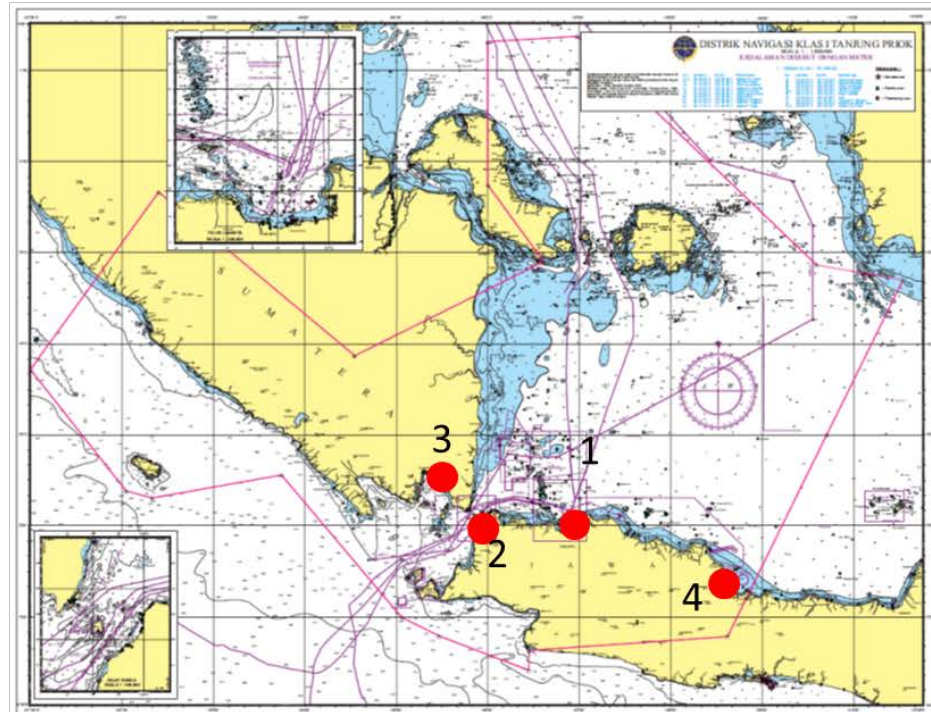
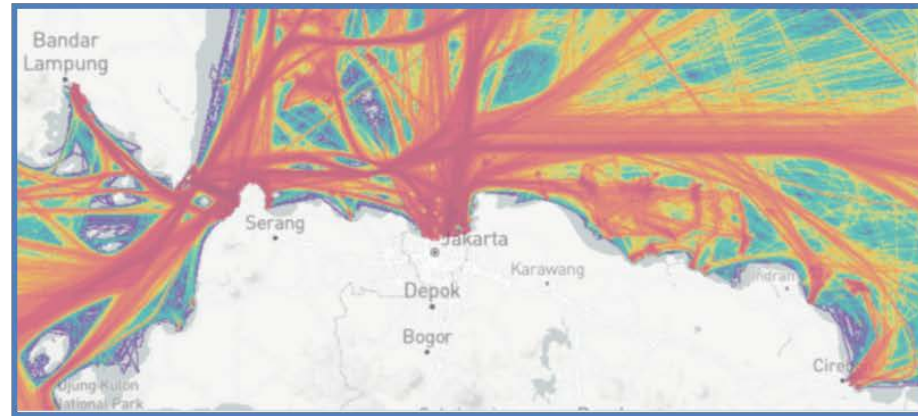
1-B Outline Map of Existing VTS

9 Tg. Priok (I)

Existing VTS

- 1 Tanjung Priok Port
- 2 Merak Port
- 3 Panjang Port
- 4 Cirebon Port

- 1 (06 ° 05' 47.27" S 106 ° 52' 55.69" E)*
2 (05 ° 55' 35.26" S 105 ° 59' 58.97" E)
3 (05 ° 27' 20.17" S 105 ° 18' 37.23" E)
4 (06 ° 43' 00.05" S 108 ° 34' 20.62" E)



Existing VTS

1 Tanjung Priok Port

2 Merak Port

3 Panjang Port

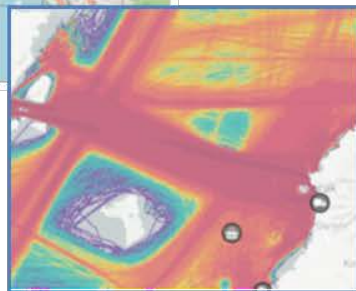
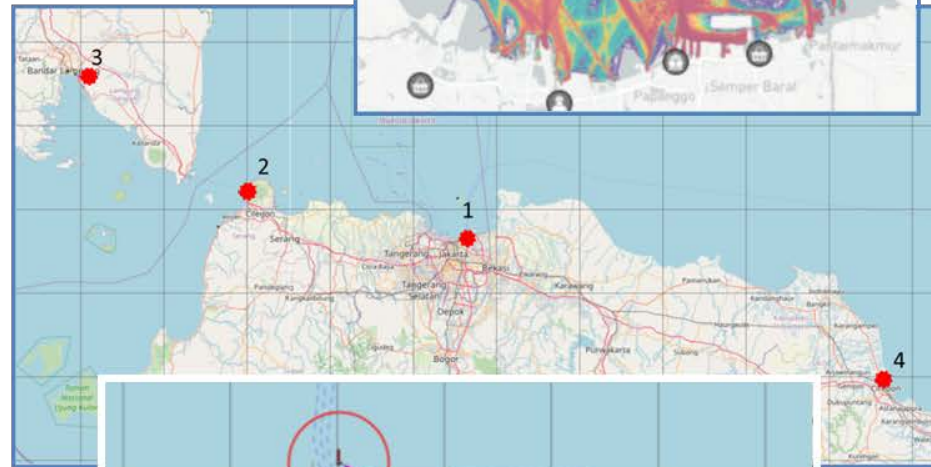
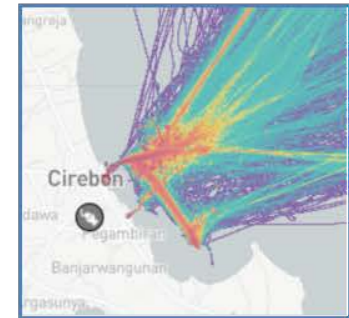
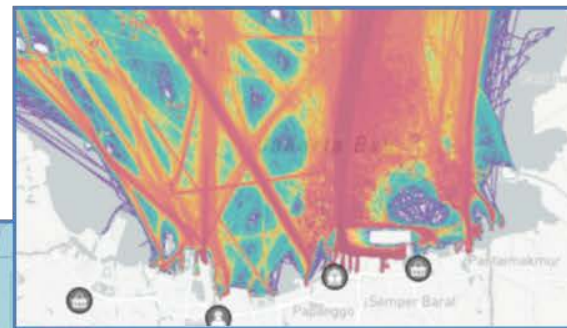
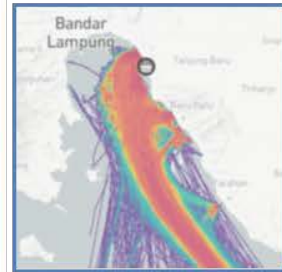
4 Cirebon Port

1 ($06^{\circ} 05' 47.27'' S$ $106^{\circ} 52' 55.69'' E$)

2 ($05^{\circ} 55' 35.26'' S$ $105^{\circ} 59' 58.97'' E$)

3 ($05^{\circ} 27' 20.17'' S$ $105^{\circ} 18' 37.23'' E$)

4 ($06^{\circ} 43' 00.05'' S$ $108^{\circ} 34' 20.62'' E$)

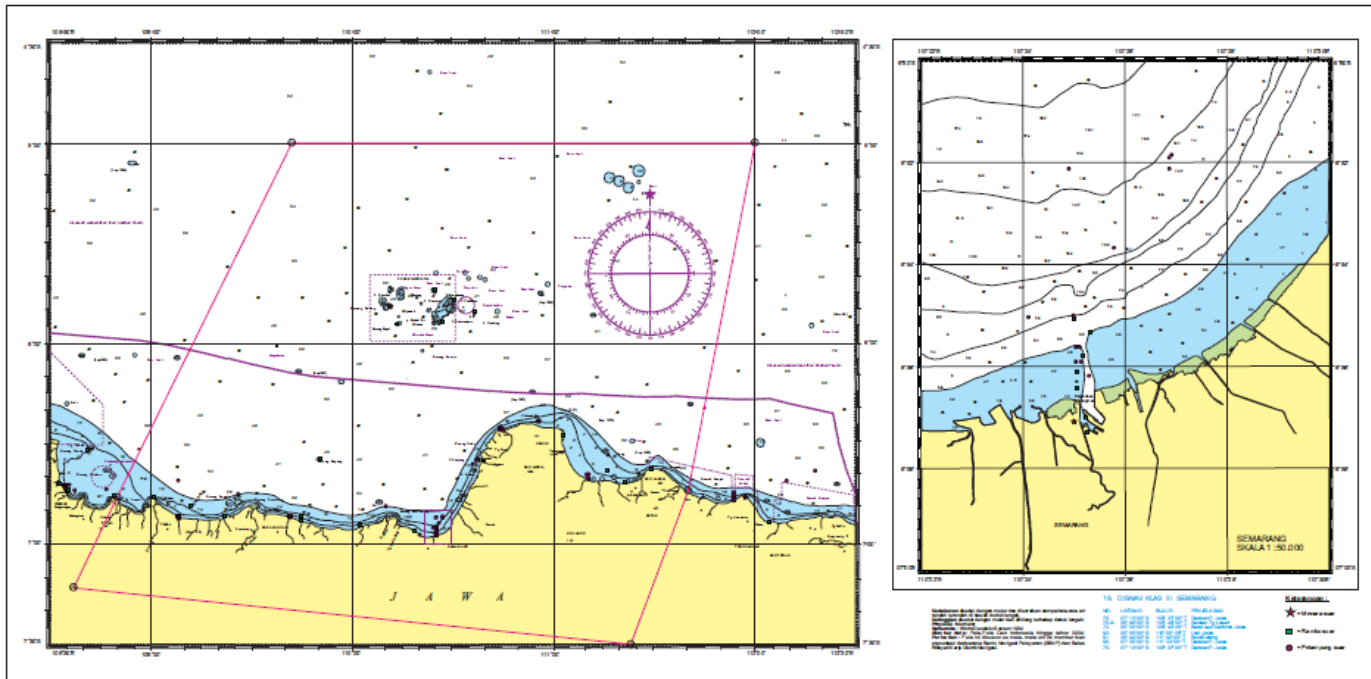
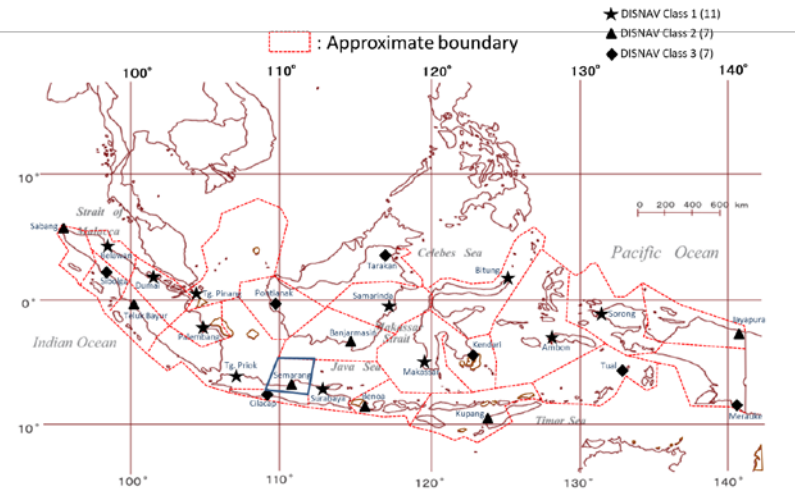


Sheet ② Reporting Format For List of Existing/Planned VTS
Lembar ② (Format Pelaporan Daftar VTS yang telah ada / VTS yang direncanakan)

District : Tg. Priok (9)															
Reference Number (Nomer Referensi)	1 Segment (Existing/Planned) (Telah Ada/ Direncanakan)	Location of Center (Lokasi)			Type of VTS (Tipe VTS)		3 Facilities (Jumlah Fasilitas)								Legal Basis
		Name of VTS (Nama VTS)	Position (Posisi)		2 VTS Area	Purpose (Multiple Answers) / Maksud Tujuan (Jawaban Ganda)	Operation Center / Pusat Operasi	Radar	AIS	CCTV	Meteorological Instrument (Instrumen Meteorologi)	VHF	Traffic/Tidal Signal (Lalu Lintas/ Sinyal Pasang Surut)	Other (Fill out) (Lainnya (Disi))	Regulation/Law (Fill Out) (Regulasi/Hukum) (Disi)
			Longitude Garis Bujur	Latitude Garis Lintang											
1	a Existing (Telah ada)	Tanjung Priok VTS	6° 5'47.27"S	106° 52'55.69"E	b Port/Harbour (Pelabuhan)	b INS, TOS, NAS	1	2	2	2	1	3	0		
2	a Existing (Telah ada)	Merak VTS	5° 55'35.26"S	105° 59'58.97"E	b Port/Harbour (Pelabuhan)	b INS, TOS, NAS	1	1	1	2	1	2	0		
3	a Existing(Telah ada)	Panjang VTS	5° 27'20.17"S	105° 18'37.23"E	b Port/Harbour (Pelabuhan)	b INS, TOS, NAS	1	1	1	1	1	2	0		
4	a Existing (Telah ada)	Cirebon VTS	6° 43'0.05"S	108° 34'20.62"E	b Port/Harbour (Pelabuhan)	b INS, TOS, NAS	1	1	1	1	1	3	0		

11 DISNAV Semarang

Outline of DISNAV Service Area



1-A Summary Table for Existing VTS

11 DISNAV Semarang

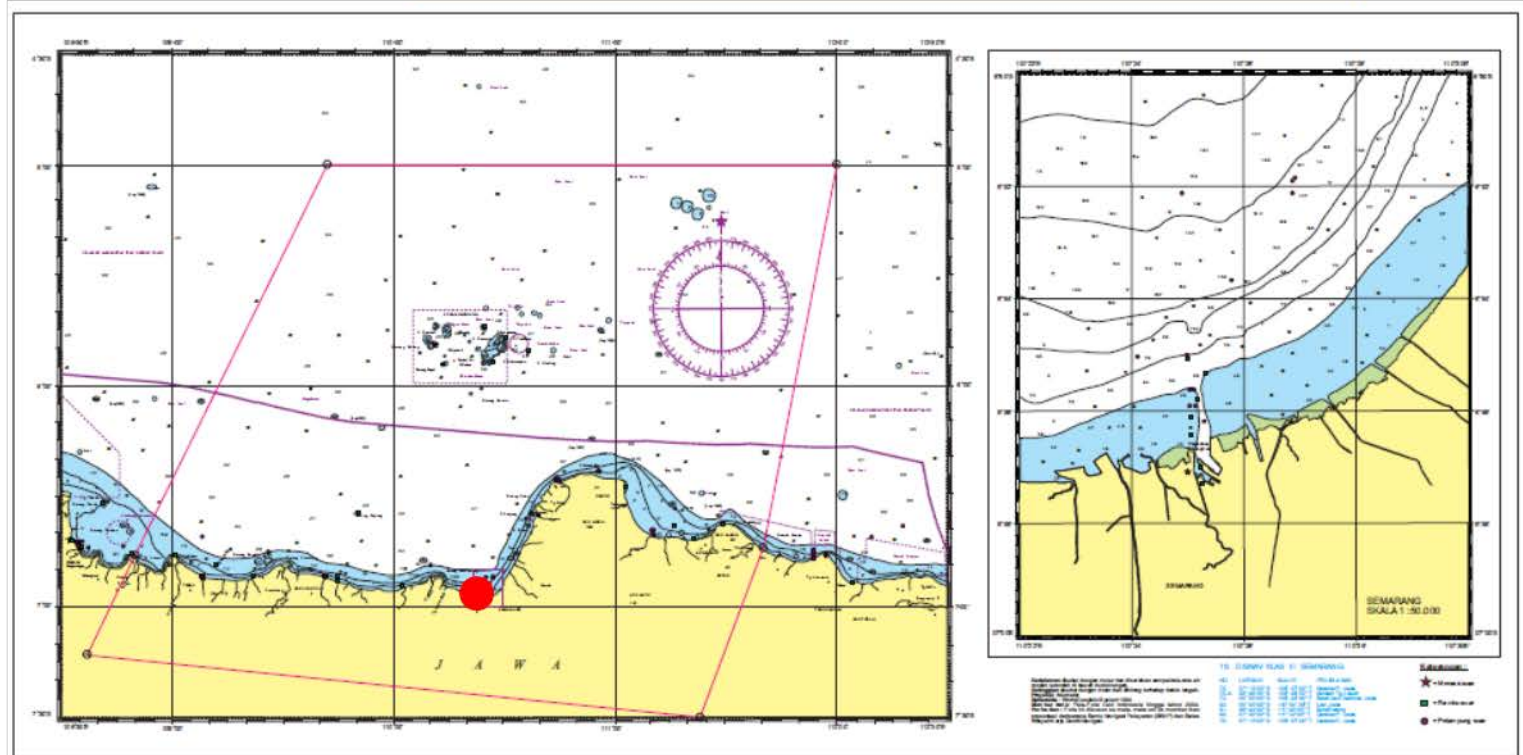
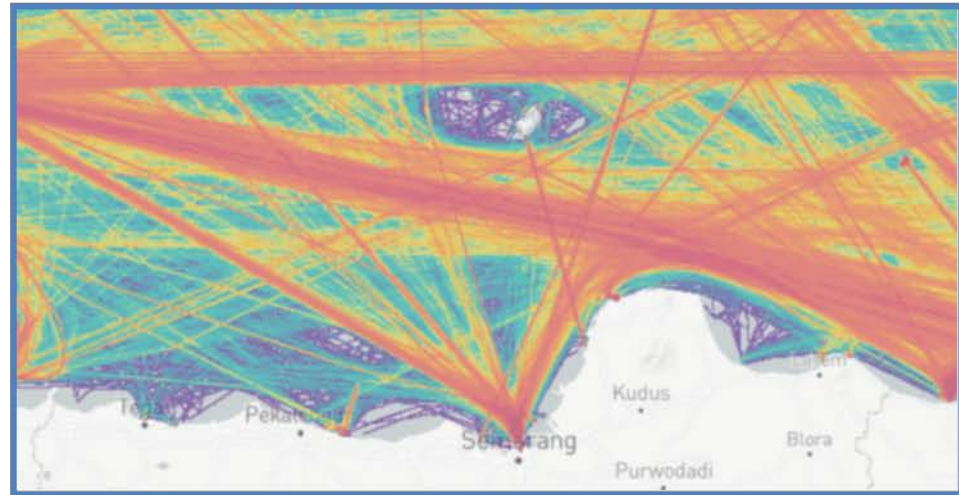
No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
1	Semarang VTS	Port/Harbor	06° 57' 09" S	110° 25' 06" E	

Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	1	2	3	0	4	0	Tide Station

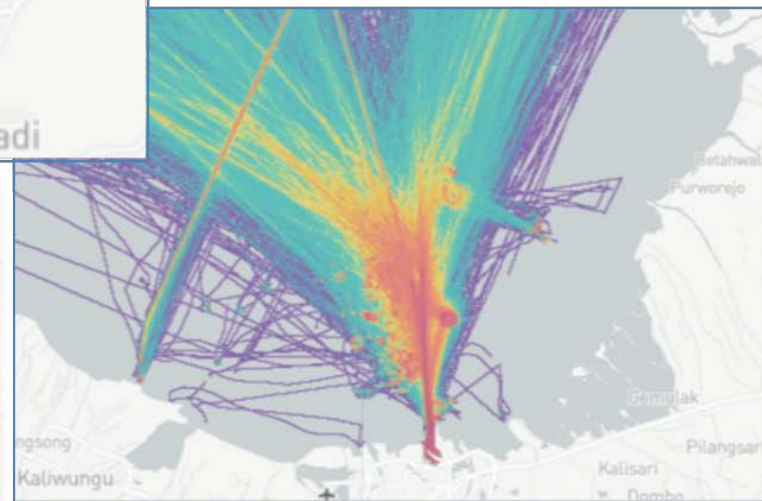
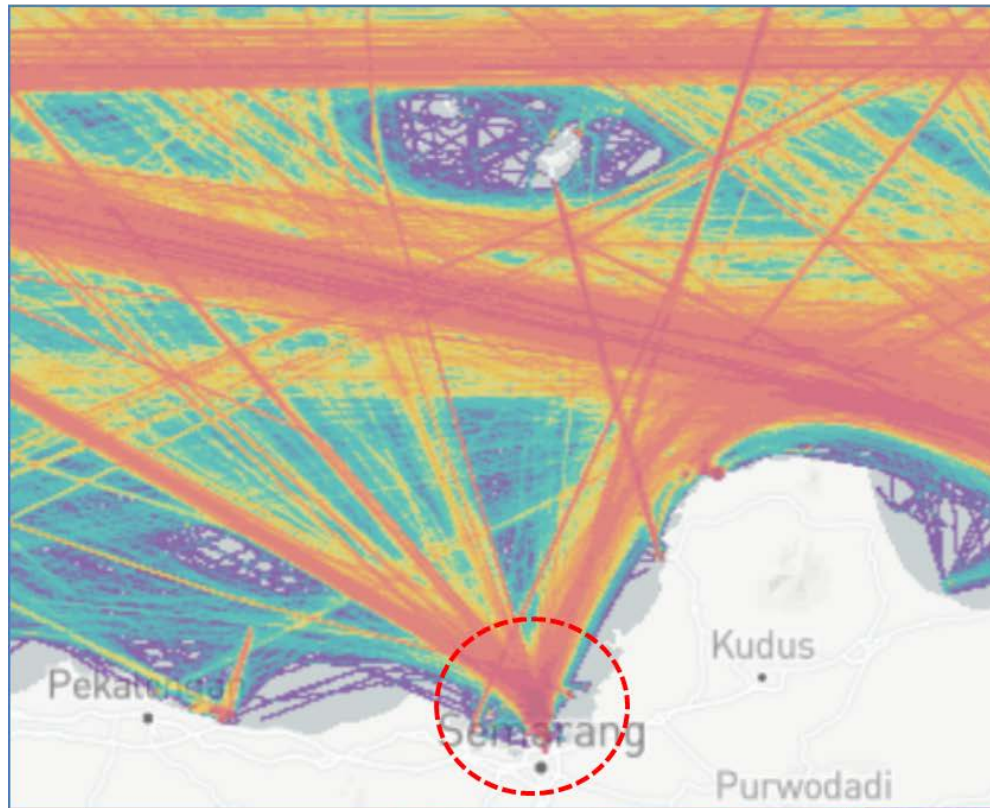
11 DISNAV Semarang

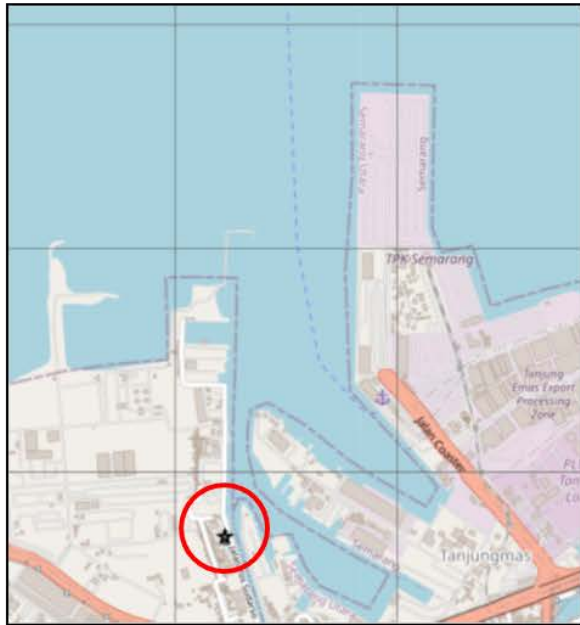
Existing VTS

Semarang VTS



Semarang VTS





Sheet ② Reporting Format For List of Existing/Planned VTS
 Lembar ③ (Format Pelaporan Daftar VTS yang telah ada / VTS yang direncanakan)

District : Semarang (11)																
Reference Number (Nomor Referensi)	1 Segment (Existing/Planned) (Telah Ada/ Direncanakan)	Location of Center (Lokasi)			Type of VTS (Tipe VTS)		3 Facilities (Jumlah Fasilitas)								Legal Basis	
		Name of VTS (Nama VTS)	Position (Posisi)		2 VTS Area	Purpose (Multiple Answers) / Maksud Tujuan (Jawaban Ganda)	Operation Center / Pusat Operasi	Radar	AIS	CCTC	Meteorological Instrument (Instrumen Meteorologi)	VHF	Traffic/Tidal Signal (Sinyal Lintas Sinyal Pasang/Sunt)	Other (Fill out) (Lainnya (Diisi))	Regulation/Law (Fill Out) (Regulasi/Hukum) (Diisi)	
			Longitude Garis Bujur	Latitude Garis Lintang												
1	a Existing (Telah ada)	Semarang VTS	06° 57' 09" S	110° 25' 06" E	b Port/Harbour (Pelabuhan)	c IN5, NAS	1	1	2	3	0	4	0	-	1. UU No 17 Tahun 2008 Tentang Pelayaran 2. UU No 36 Tahun 1999 tentang Telekomunikasi 3. PP No 61 Tahun 2009 tentang kepelabuhanan 4. PP No 05 Tahun 2010 Tentang Kenavigasian 5. PP No 52 Tahun 2000 Tentang Penyelenggaraan Telekomunikasi 6. Permenhub No 26 tahun 2011 Tentang Telkompel 7. Permenhub No 25 Tahun 2011 Tentang SBNP 8. Permenhub No 68 Tahun 2011 Tentang Alur Pelayaran di Laut 9. Permenhub KM 30 Tahun 2006 Tentang Organisasi dan Tata Kerja Distrik Navigasi 10. Kep. Menteri Perhubungan No. KP 475 Tahun 2015 Tentang Penetapan Alur Pelayaran, Sistem Rute, Tata Cara Berlayar Lintas dan Daerah Labuh Kapal Sesuai dengan Kepentingannya di Pelabuhan Tanjung Emas Semarang 11. Kep Ditjen Hubla No. KP.287/DJPL/2020 Tentang Petunjuk teknis Standarisasi Peralatan VTS dan SROP pada Distrik Navigasi 12. Kep Ditjen Hubla No. KP.294/DJPL/2020 Tentang Petunjuk teknis Standarisasi Perawatan Peralatan VTS dan SROP pada Distrik Navigasi 13. SOP VTS Semarang Tahun 2014	

1-A Summary Table for Existing VTS

12 Surabaya

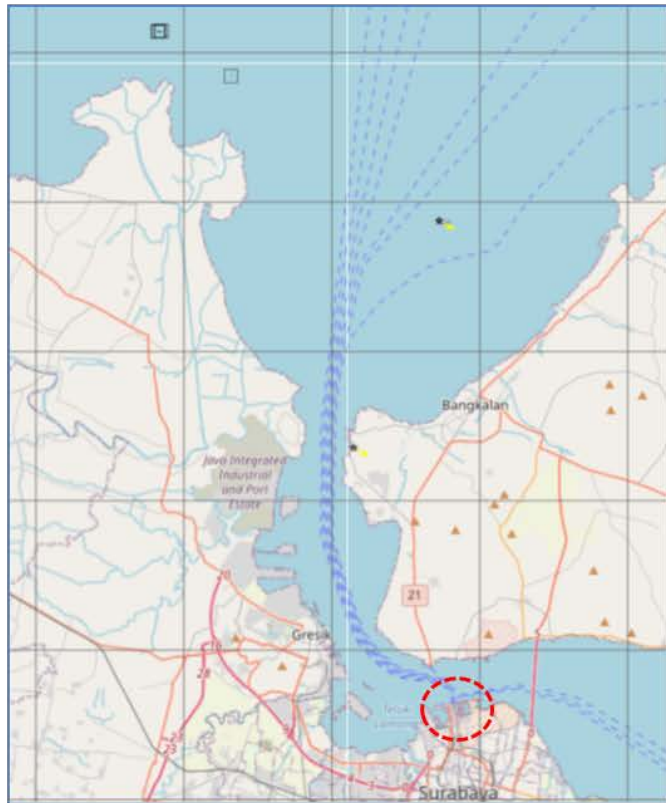
No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
1	Surabaya VTS	Port/Harbor	07° 11' 49.73" N	112° 44' 01.50" E	

Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	3	3	4	1	4	0	Tide Station

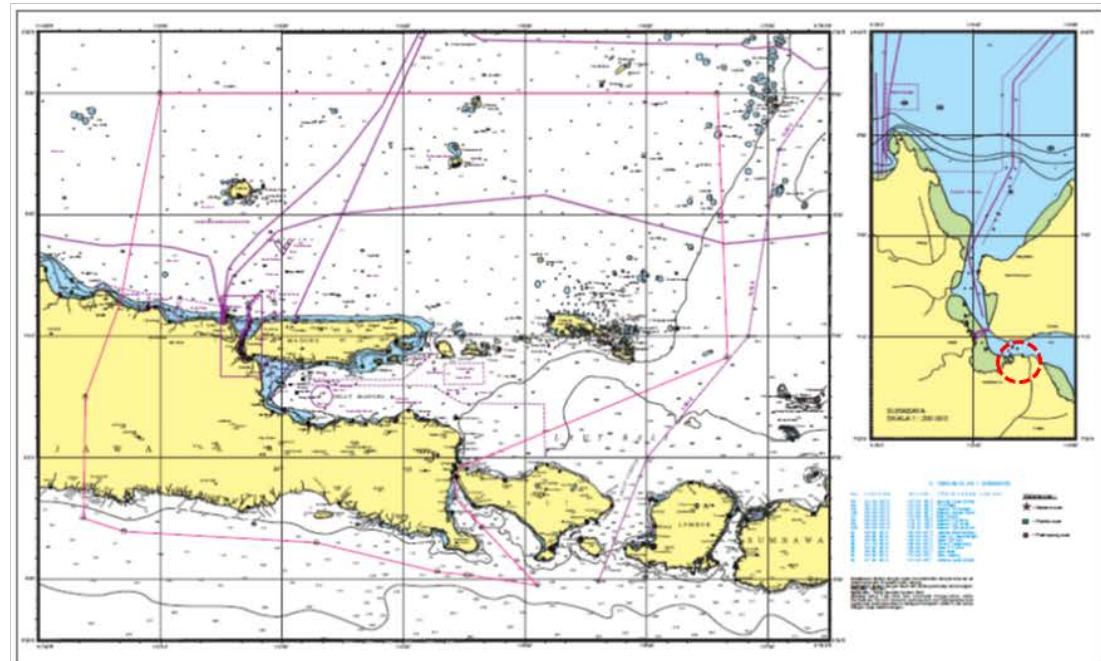
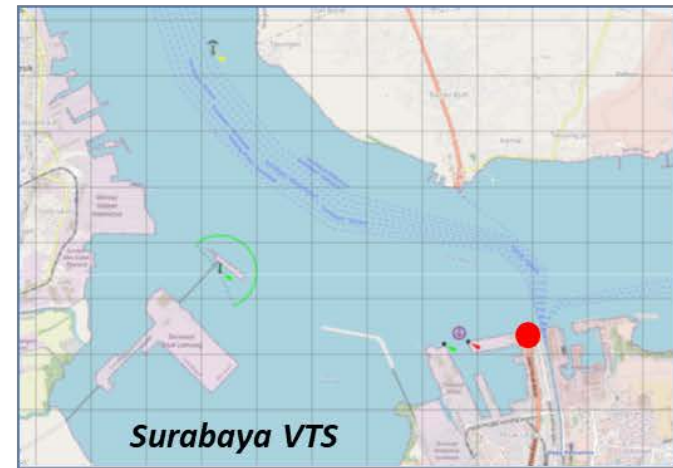
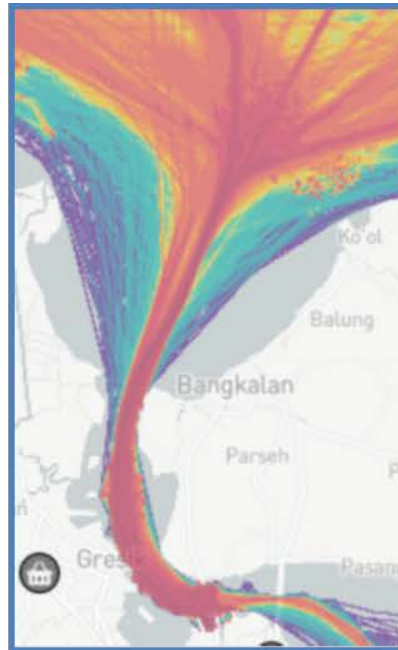
12 Surabaya (I)

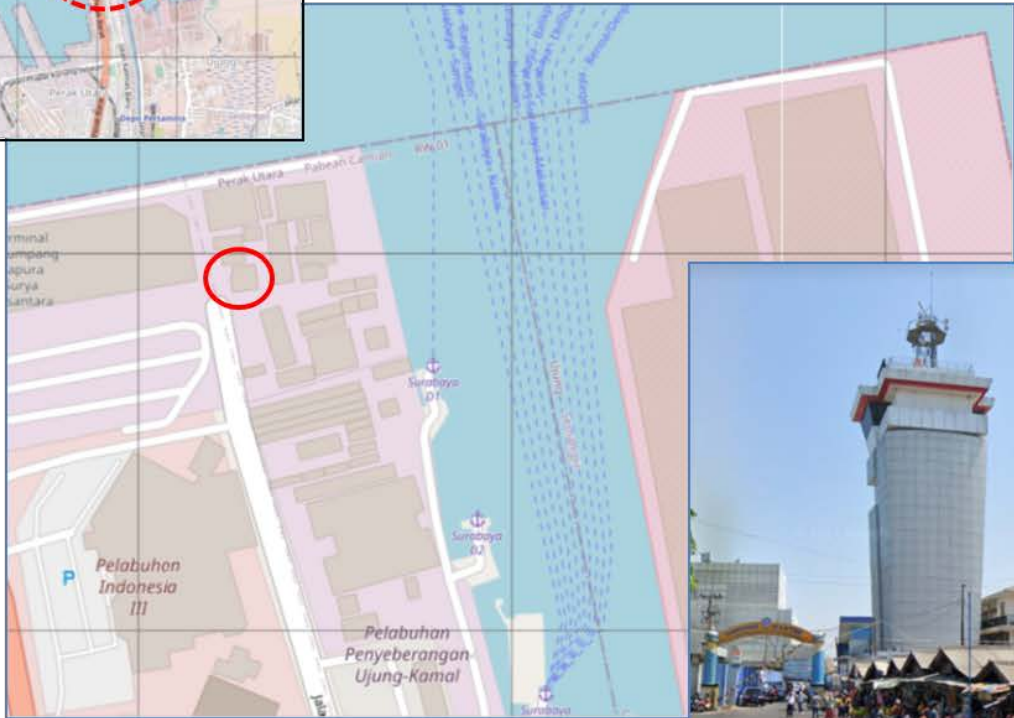
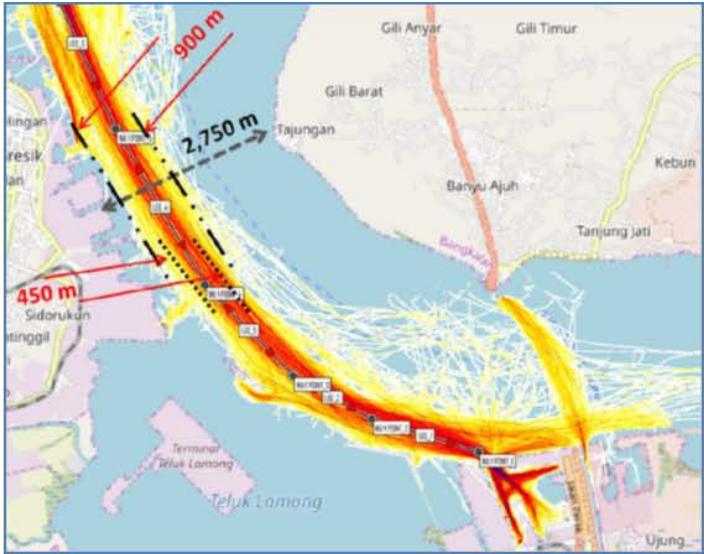
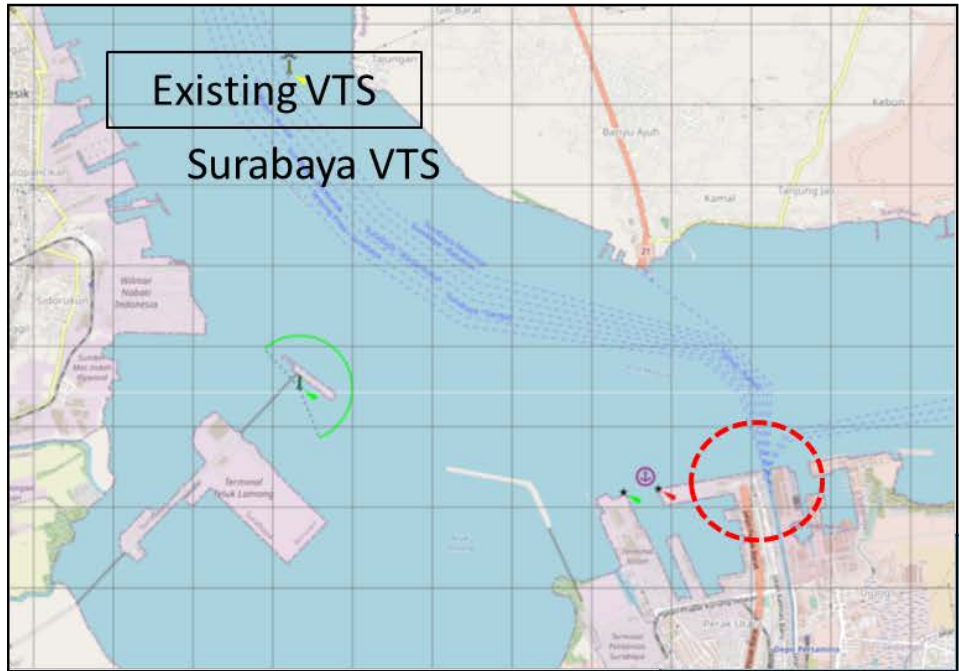
Existing VTS

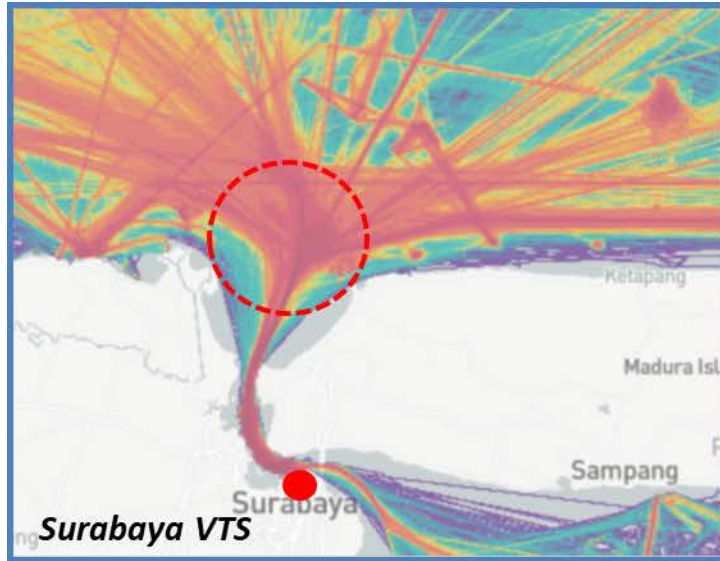
Surabaya VTS



Surabaya VTS







Marine Grounding Accident



1 KM MITRA PROGRESS III
(21 Feb. 2017)



2 MV CAPE MORETON
(10 July 2017)



3 KLM SINAR PURNAMAJA
(7 Aug. 2017)

4 KM KTCI
(4 Oct. 2017)

5 MV ST ISLAND
(10 Dec. 2017)

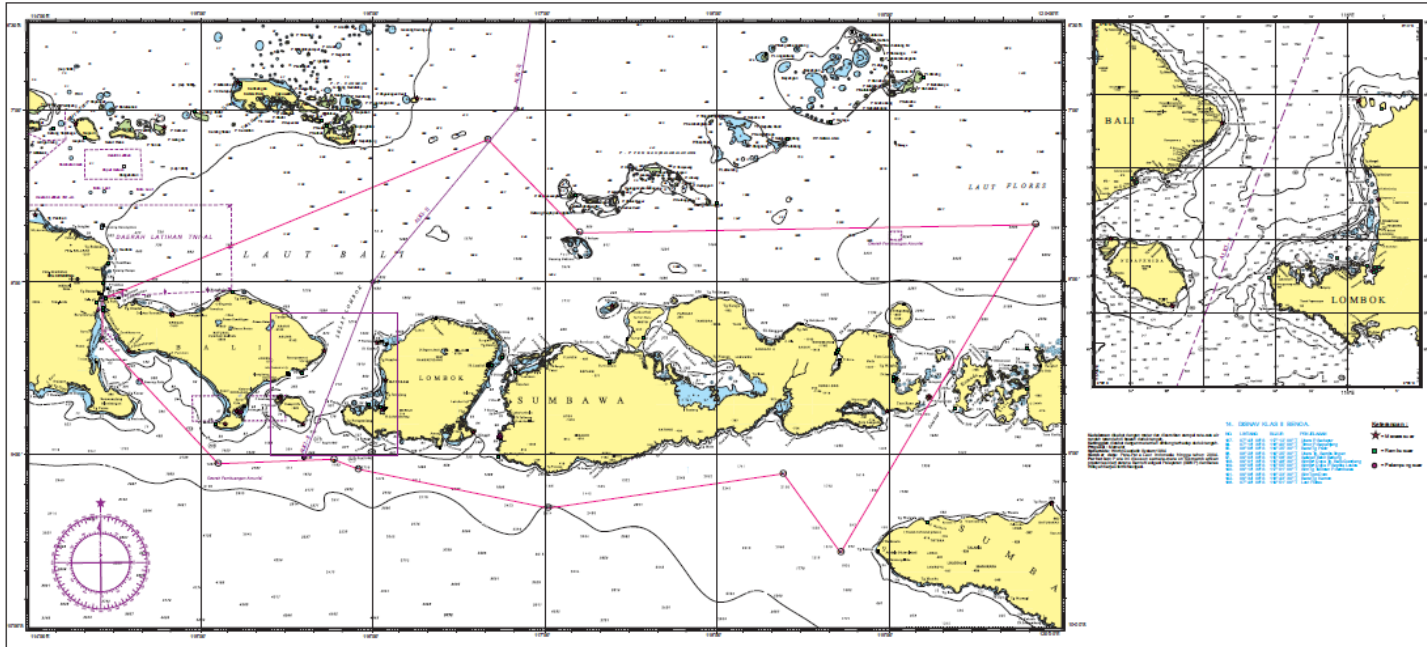
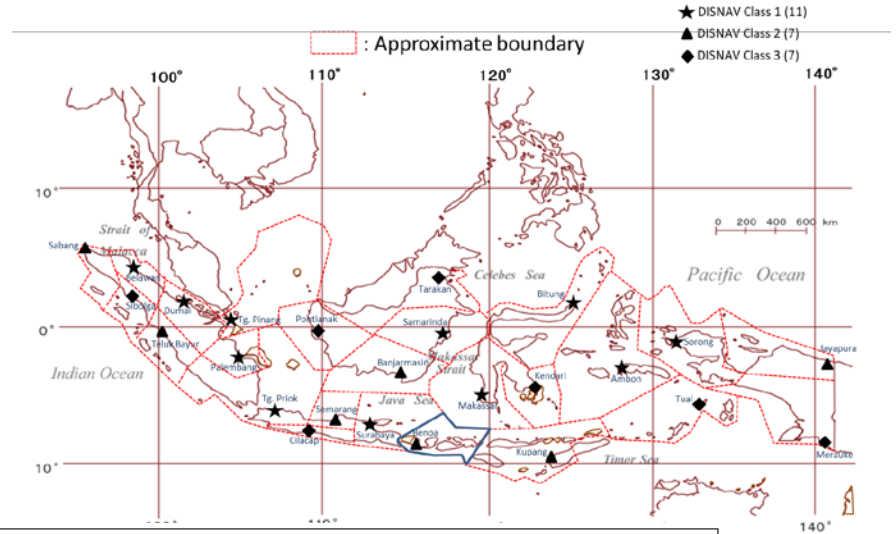


Sheet ② Reporting Format For List of Existing/Planned VTS
 Lembar ③ (Format Pelaporan Daftar VTS yang telah ada / VTS yang direncanakan)

District : Semarang (11)																
Reference Number (Nomor Referensi)	1 Segment (Existing/Planned) (Telah Ada/ Direncanakan)	Location of Center (Lokasi)			Type of VTS (Tipe VTS)		3 Facilities (Jumlah Fasilitas)								Legal Basis	
		Name of VTS (Nama VTS)	Position (Posisi)		2 VTS Area	Purpose (Multiple Answers) / Maksud Tujuan (Jawaban Ganda)	Operation Center / Pusat Operasi	Radar	AIS	CCTC	Meteorological Instrument (Instrumen Meteorologi)	VHF	Traffic/Tidal Signal (Sinyal Lintas/Sinyal Pasang/Sunt)	Other (Fill out) (Lainnya (Diisi))	Regulation/Law (Fill Out) (Regulasi/Hukum) (Diisi)	
			Longitude Garis Bujur	Latitude Garis Lintang												
1	a Existing (Telah ada)	Semarang VTS	06° 57' 09" S	110° 25' 06" E	b Port/Harbour (Pelabuhan)	c INS, NAS	1	1	2	3	0	4	0	-	1. UU No 17 Tahun 2008 Tentang Pelayaran 2. UU No 36 Tahun 1999 tentang Telekomunikasi 3. PP No 61 Tahun 2009 tentang kepelabuhanan 4. PP No 05 Tahun 2010 Tentang Kenavigasian 5. PP No 52 Tahun 2000 Tentang Penyelenggaraan Telekomunikasi 6. Permenhub No 26 tahun 2011 Tentang Telkomel 7. Permenhub No 25 Tahun 2011 Tentang SBNP 8. Permenhub No 68 Tahun 2011 Tentang Alur Pelayaran di Laut 9. Permenhub KM 30 Tahun 2006 Tentang Organisasi dan Tata Kerja Distrik Navigasi 10. Kep. Menteri Perhubungan No. KP 475 Tahun 2015 Tentang Penetapan Alur Pelayaran, Sistem Rute, Tata Cara Berlayar Lintas dan Daerah Labuh Kapal Sesuai dengan Kepentingannya di Pelabuhan Tanjung Emas Semarang 11. Kep Ditjen Hubla No. KP.287/DJPL/2020 Tentang Petunjuk teknis Standarisasi Peralatan VTS dan SROP pada Distrik Navigasi 12. Kep Ditjen Hubla No. KP.294/DJPL/2020 Tentang Petunjuk teknis Standarisasi Perawatan Peralatan VTS dan SROP pada Distrik Navigasi 13. SOP VTS Semarang Tahun 2014	

13 DISNAV Benoa

Outline of DISNAV Service Area



1-A Summary Table for Existing VTS

13 Bena

No	Name (Place)	Type	Location		Other		
			Latitude	Longitude			
1	Bena VTS	Coastal Water	08° 44' 35.33" S	115° 12' 35.33" E			
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	4	4	1	1	8	1	

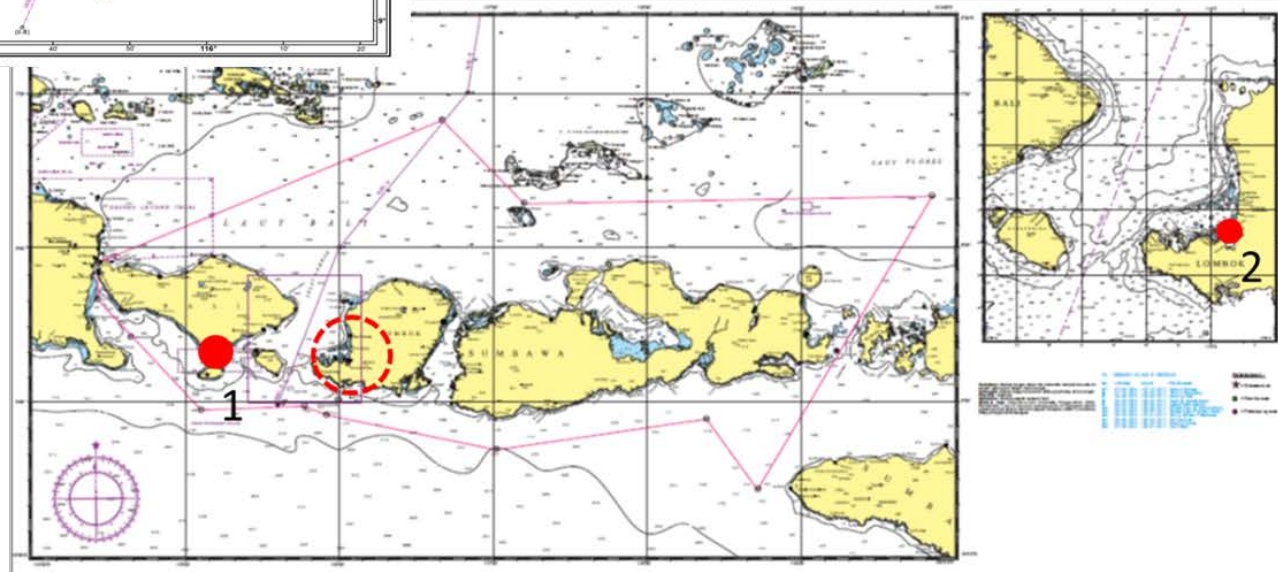
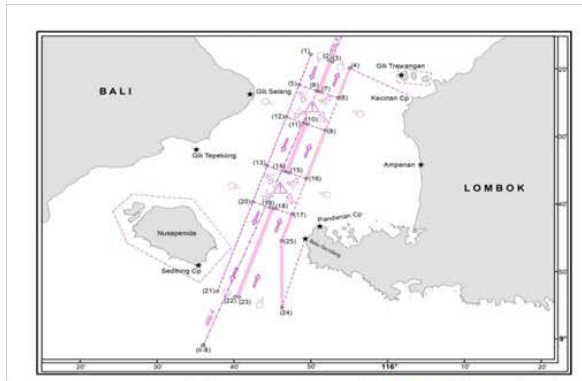
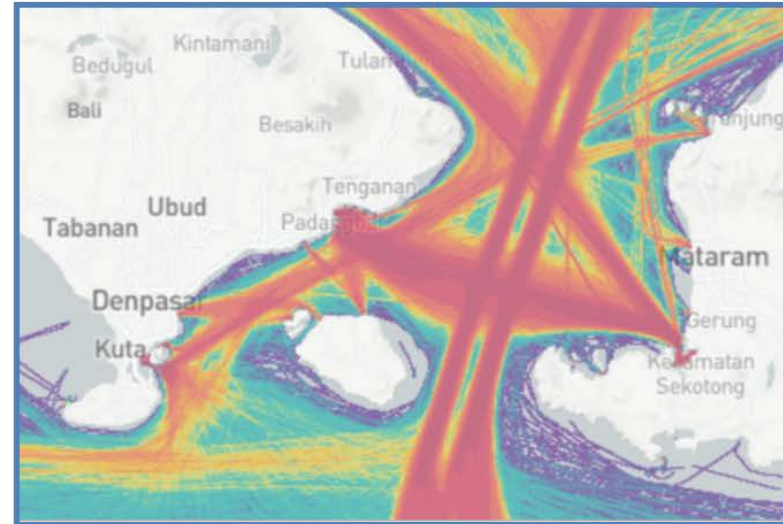
No	Name (Place)	Type	Location		Other		
			Latitude	Longitude			
2	Lembar VTS	Port/Harbor	08° 43' 43" S	116° 04' 25" E			
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	1	1	1	1	2	0	

1-B Outline Map of Existing VTS

13 Benoa (II)

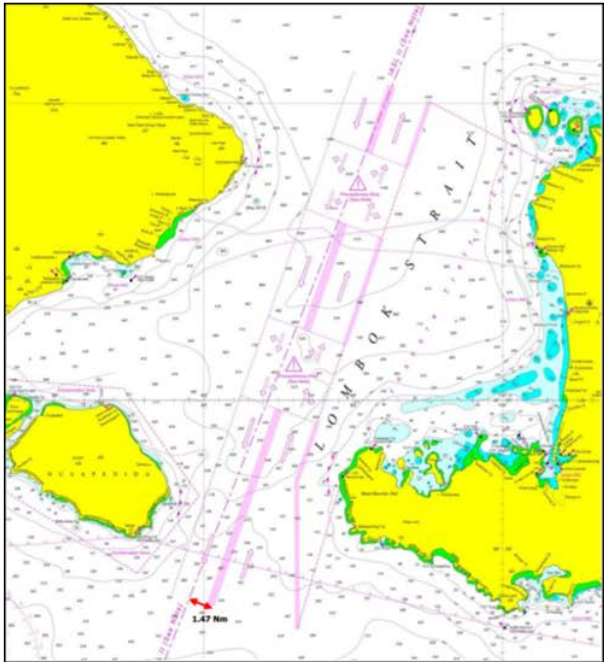
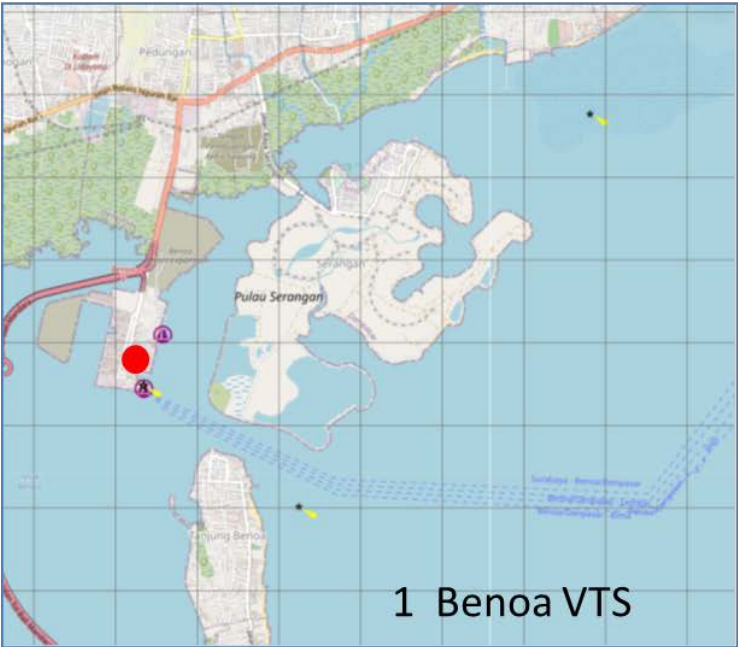
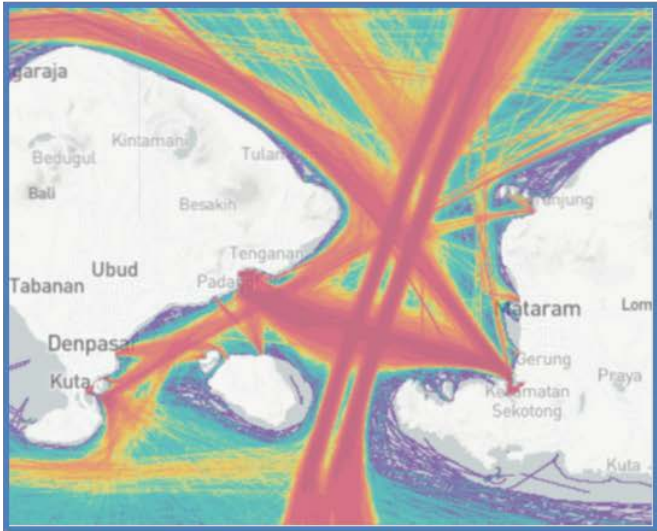
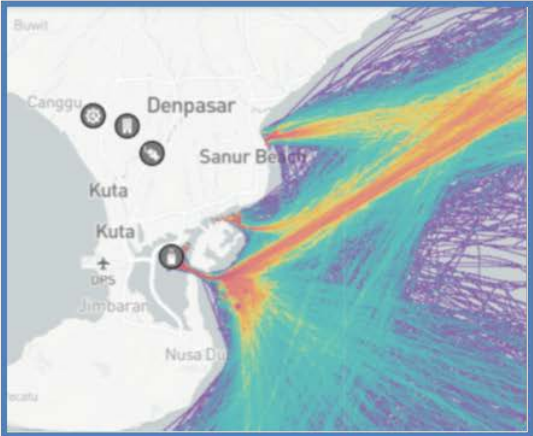
Existing VTS

- 1 Benoa VTS
- 2 Lembar VTS



Existing VTS

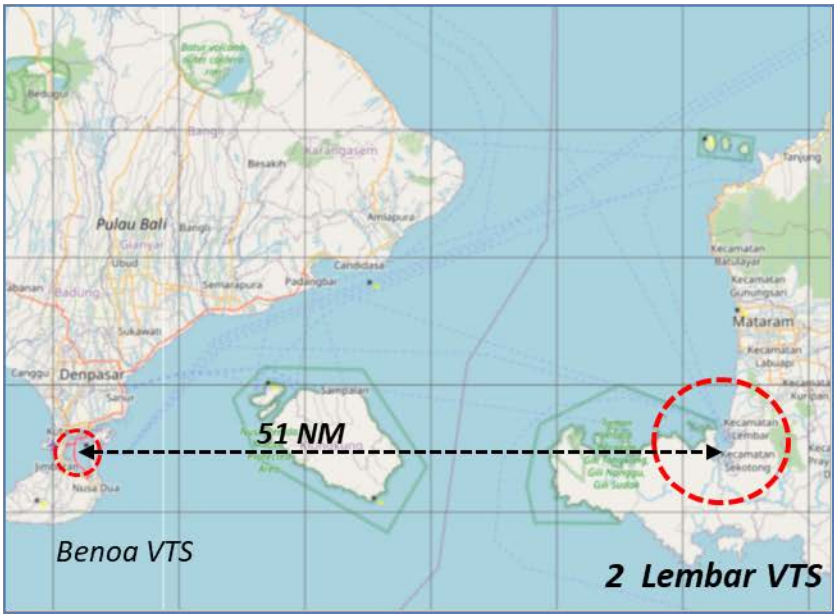
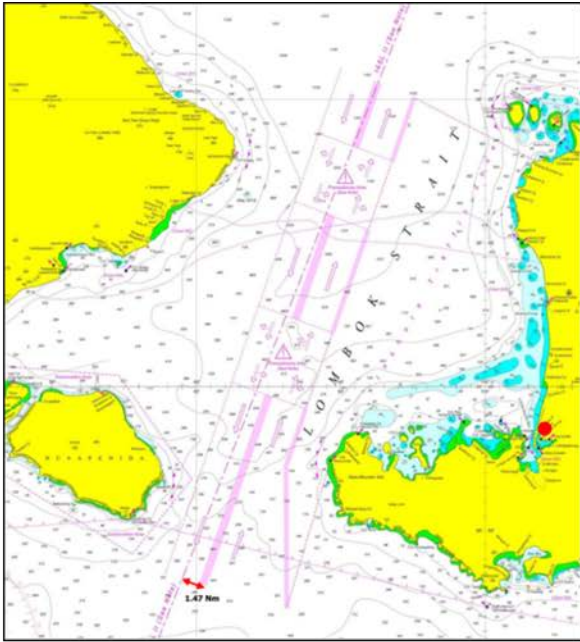
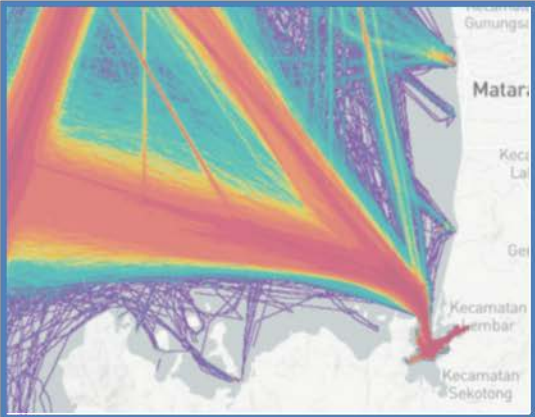
1 Bena VTS (08° 44' 35.33" S 115° 12' 35.33" E)



Existing VTS

2 Lembar VTS

(08° 43' 43" S 116° 4' 25" E)



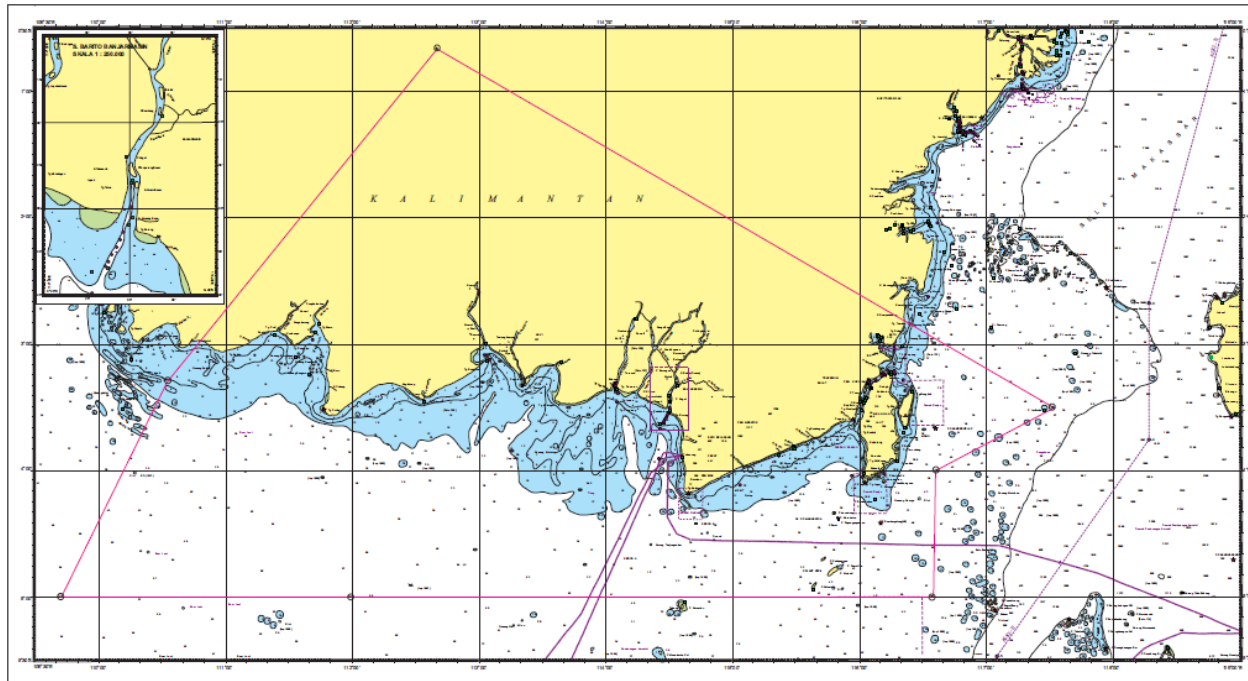
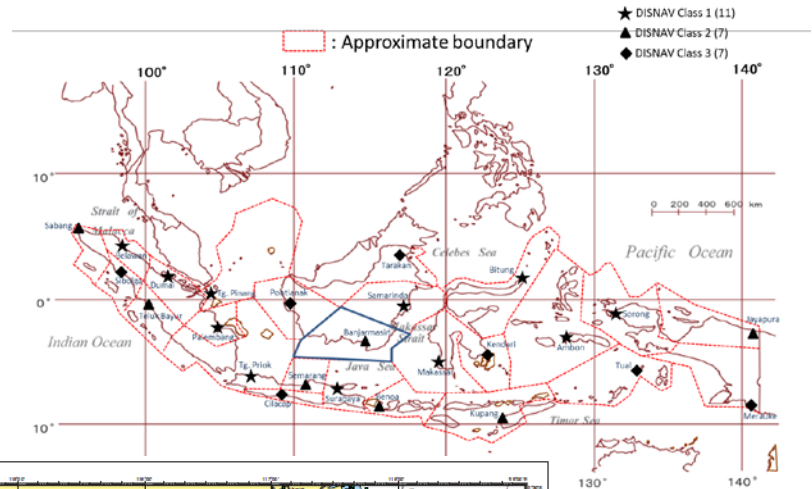
Sheet ② Reporting Format For List of Existing/Planned VTS
 Lembar ② (Format Pelaporan Daftar VTS yang telah ada / VTS yang direncanakan)

District : Benoa (13)

Reference Number (Nomer Referensi)	1 Segment (Existing/Planned) (Telah Ada/ Direncanakan)	Location of Center (Lokasi)			Type of VTS (Tipe VTS)		3 Facilities (Jumlah Fasilitas)							Legal Basis	
		Name of VTS (Nama VTS)	Position (Posisi)		2 VTS Area	Purpose (Multiple Answers) / Maksud Tujuan (Jawaban Ganda)	Operation Center / Pusat Operasi	Radar	AIS	CCTC	Meteorological Instrument (Instrumen Meteorologi)	VHF	Traffic/Tidal Signal (Lalu Lintas/ Sinyal Pasang Surut)	Other (Fill out) (Lainnya (Diisi))	Regulation/Law (Fill Out) (Regulasi/Hukum) (Diisi)
			Longitude Garis Bujur	Latitude Garis Lintang											
1	a Existing (Telah ada)	BENOA VTS	8°44'35.33" S	115°12'35.33" E	a Coastal Waters (Perairan pantai)	c INS, NAS	1	4	4	1	1	8	1		UU NO 17 TAHUN 2008 UU NO 36 TAHUN 1999 PP NO 5 TAHUN 2010 PP NO 52 TAHUN 2000 KM 30 TAHUN 2006 PM 26 TAHUN 2011 KM 129 TAHUN 2020 KP 287 TAHUN 2020 KP 294 TAHUN 2020 SOP TELKOMPEL DISTRIK NAVIGASI KELAS II BENOA SOP BENOA VTS 2021
2	a Existing (Telah ada)	LEMBAR VTS	8°43'43" S	116°4'25" E	b Port/Harbour (Pelabuhan)	c INS, NAS	1	1	1	1	1	2	1		UU NO 17 TAHUN 2008 UU NO 36 TAHUN 1999 PP NO 5 TAHUN 2010 PP NO 52 TAHUN 2000 KM 30 TAHUN 2006 PM 26 TAHUN 2011 KP 287 TAHUN 2020 KP 294 TAHUN 2020 SOP TELKOMPEL DISTRIK NAVIGASI KELAS II BENOA SOP VTS LEMBAR TAHUN 2016

15 DISNAV Banjarmasin

Outline of DISNAV Service Area



1-A Summary Table for Existing VTS

15 Banjarmasin

No	Name (Place)	Type	Location		Other		
			Latitude	Longitude			
1	Banjarmashin VTS	Inland Water (River)	03° 19' 40" S	114° 33' 35" E			
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	1	2	1	0	2	0	

No	Name (Place)	Type	Location		Other		
			Latitude	Longitude			
2	Batulicin VTS	Coastal Waters	03° 25' 55" S	116° 00' 14" E			
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	1	1	1	0	2	0	

1-B Outline Map of Existing VTS

15 Banjarmasin (II)

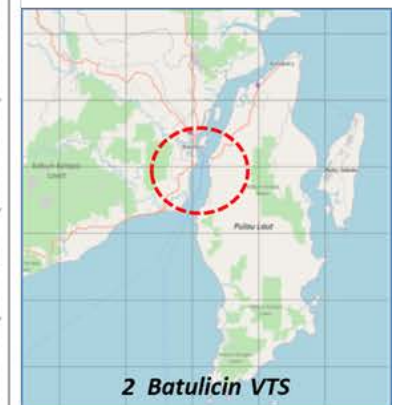
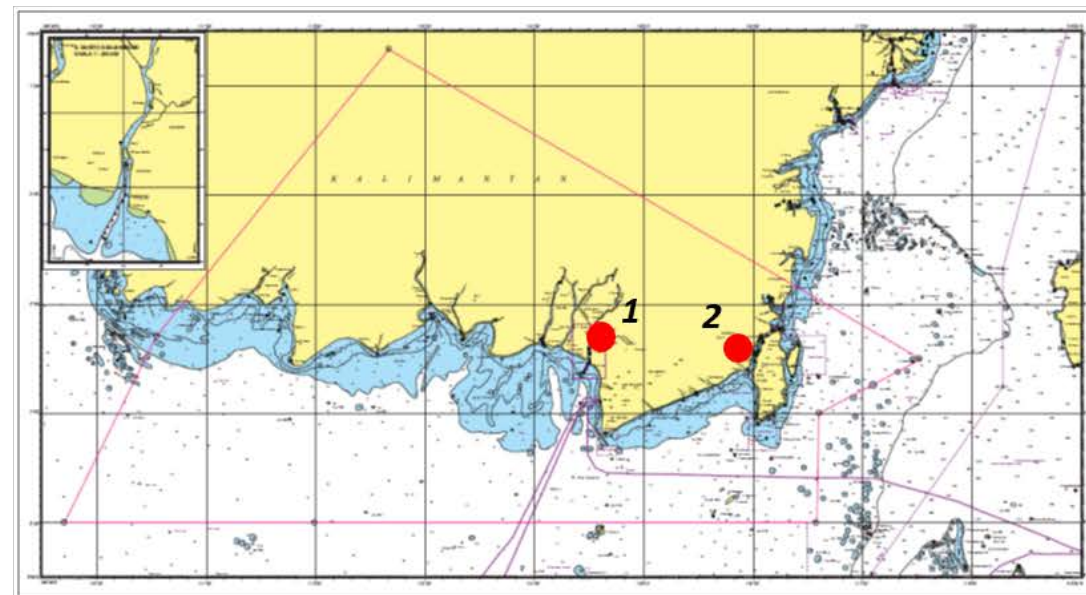
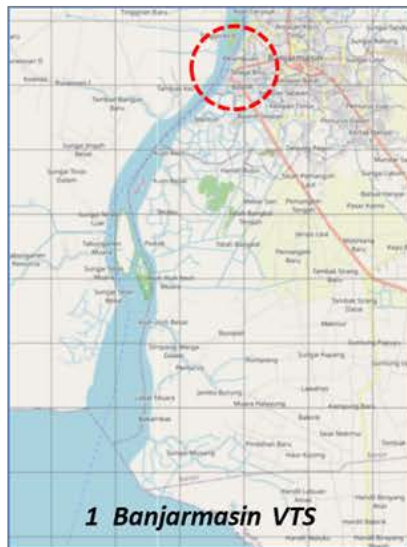
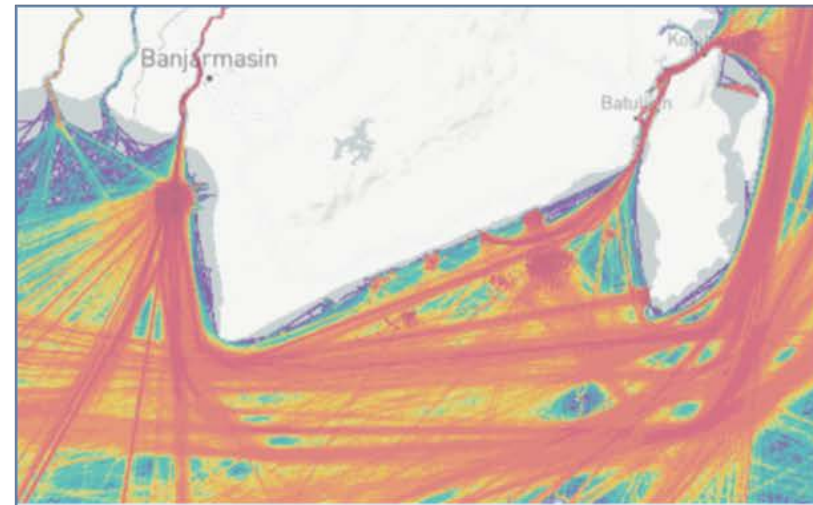
Existing VTS

1 Banjarmasin VTS

1 (03° 19' 40" S 114° 33' 35" E)

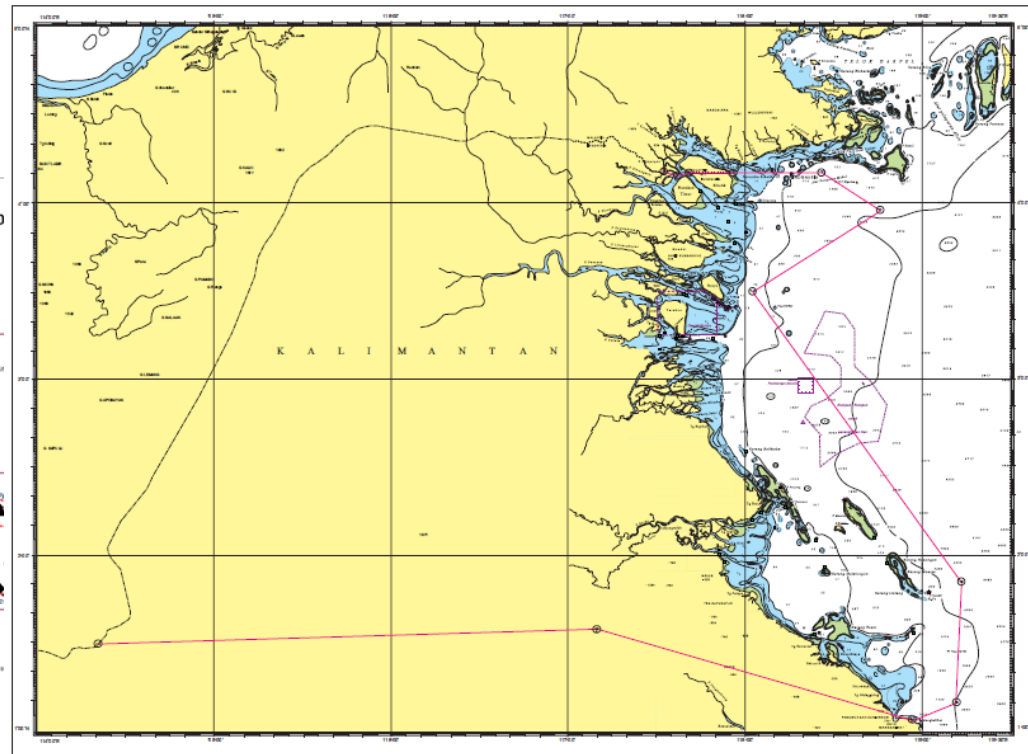
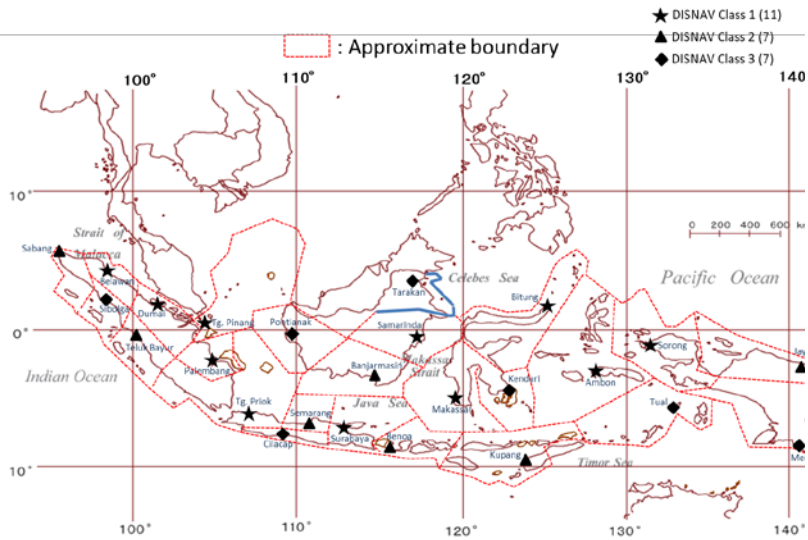
2 Batulicin VTS

2 (03° 25' 55" S 116° 00' 14" E)



16 DISNAV Tarakan

Outline of DISNAV Service Area



1-A Summary Table for Planned VTS

16 Tarakan

No	Name (Place)	Type	Location		Other		
			Latitude	Longitude			
1	Tarakan VTS	Coastal Waters	03° 17' 20" N	117° 35' 25" E	Existing		
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	1	1	2	1	2	0	

No	Name (Place)	Type	Location		Other		
			Latitude	Longitude			
4	Berau, Tanjung Redeb	Coastal Waters	02° 03' 13" N	117° 50' 11" E	Planned Sensor St.		
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	1	1	2	1	2	0	

No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
2	Tanjung Batu	Coastal Waters	03° 14' 29" N	117° 38' 41" E	Planned Sensor station

3	Tanah Kuning	"	03° 35' 50" N	117° 49' 38" E	"
5	Bunyu	"	03° 27' 42" N	117° 50' 13" E	"

Facilities								
No.	Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
2	0	0	1	1	1	2		
3	0	0	1	1	1	2		
5	0	0	1	1	1	2		

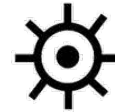
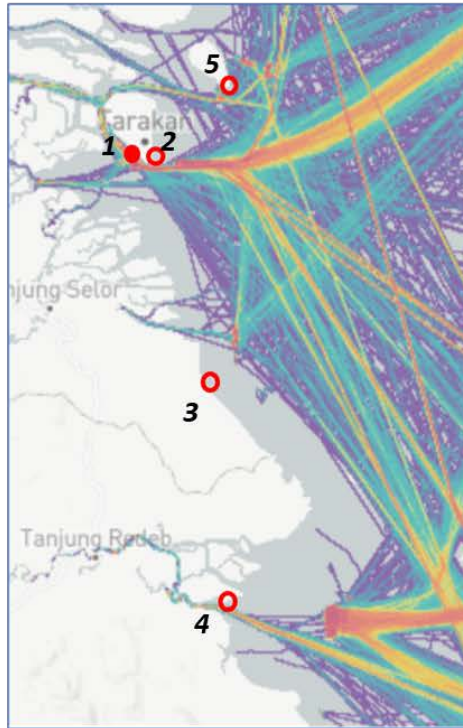
1-B Outline Map of Planned VTS

16 Tarakan (Ⅲ)

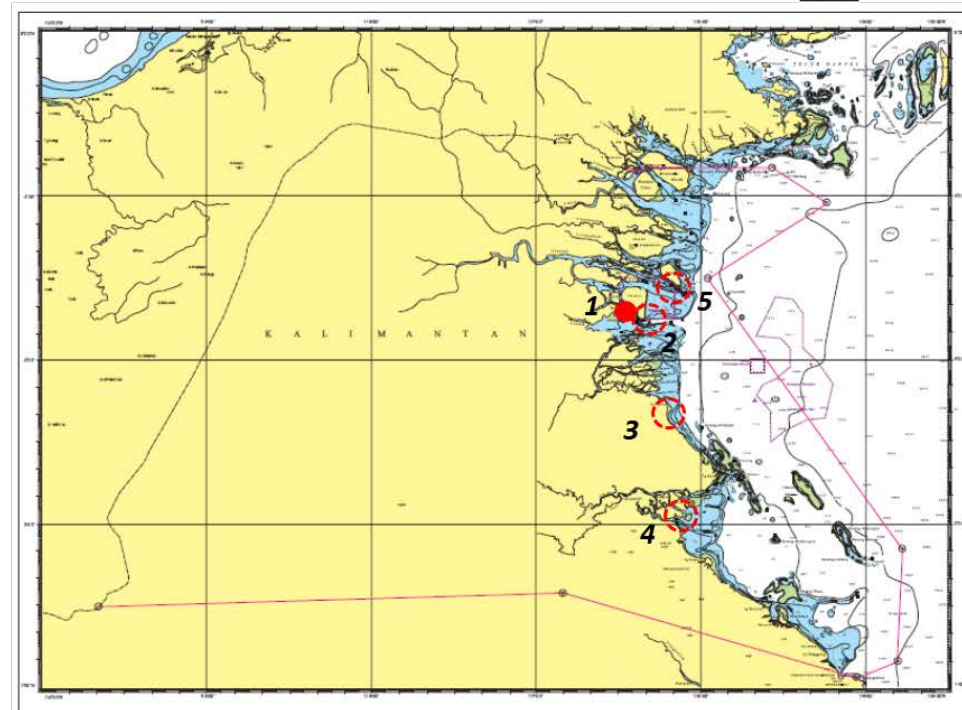
Planned VTS Sensor

- 1 Tarakan VTS (*existing : 1xCe, 1xR, 1xA, 2xC, 1xM, 2xV*)
- 2 Tanjung Batu (*1xA, 1xC, 1xM, 2xV*)
- 3 Tanah Kuning (*1xA, 1xC, 1xM, 2xV*)
- 4 Berau, Tanjung Redeb (*1xCe, 1xR, 1xA, 2xC, 1xM, 2xV*)
- 5 Bunyu (*1xA, 1xC, 1xM, 2xV*)

1	(03° 17' 20" N 117° 35' 25" E)
2	(03° 14' 29" N 117° 38' 41" E)
3	(02° 35' 50" N 117° 49' 38" E)
4	(02° 03' 13" N 117° 50' 11" E)
5	(03° 27' 42" N 117° 50' 13" E)

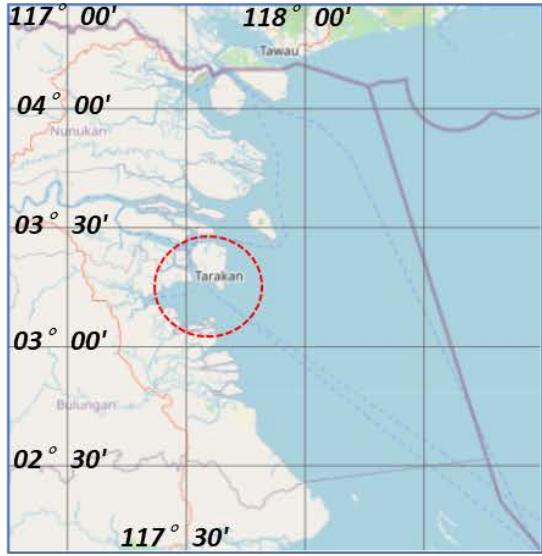
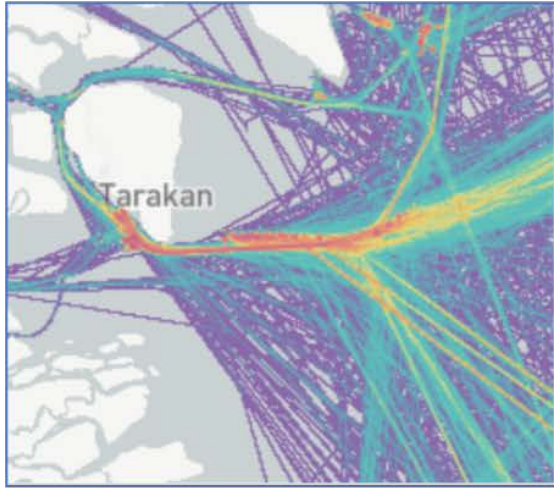


Location Map



※ Ce: VTS Center、 R : Radar、 A : AIS、 C : CCTV、 M : Meteorological Instrument、 V: VHF

Tarakan VTS



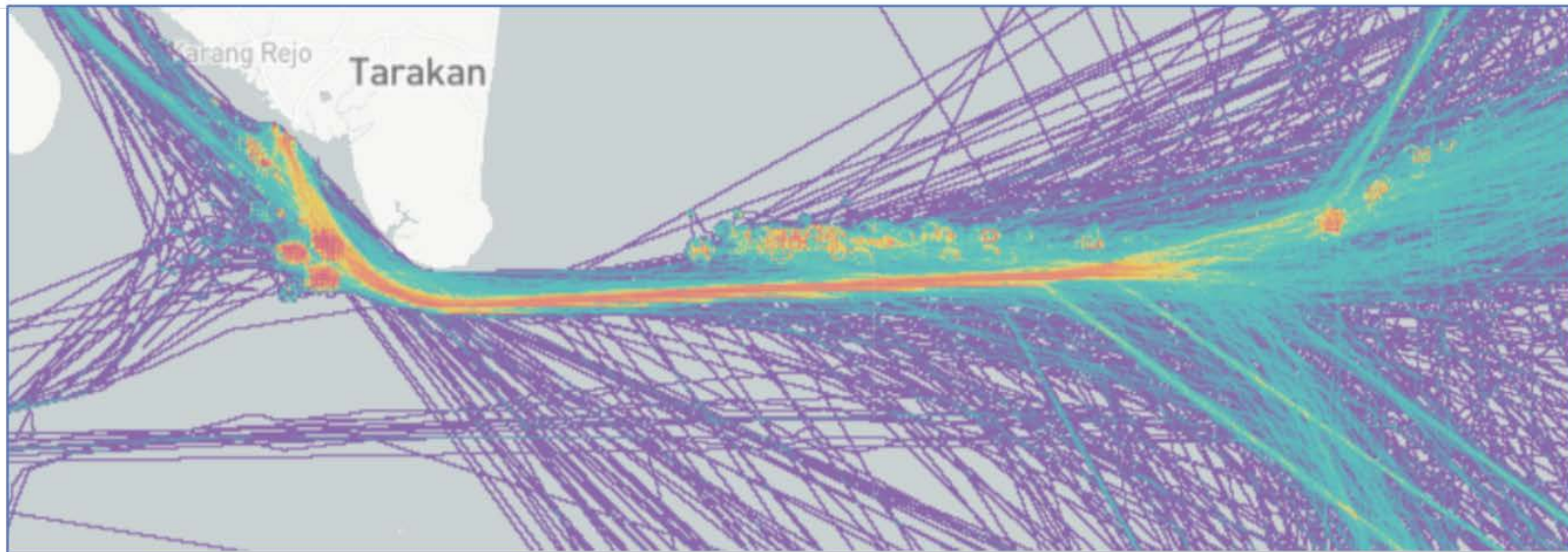
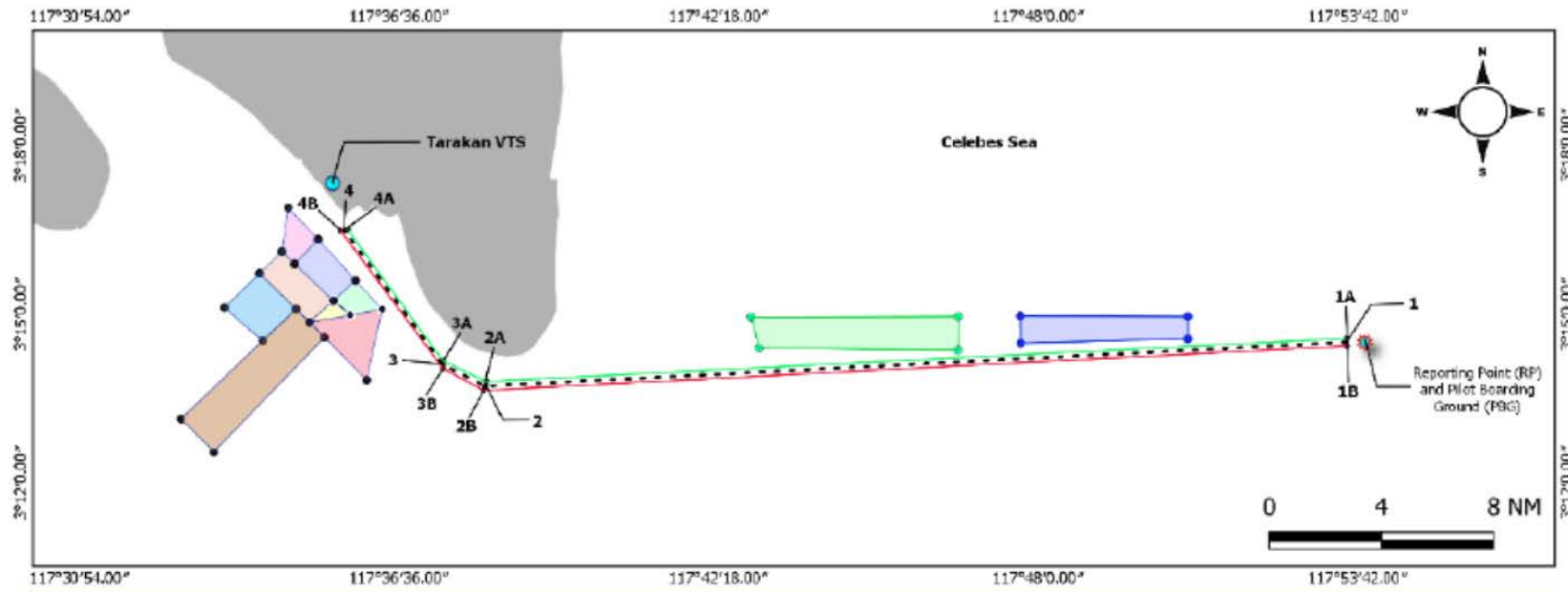
Number of vessels handled by TARAKAN VTS

	2022		
	July	August	September
Incoming Vessel	330	388	354
Outgoing Vessel	331	366	343
Passing Vessel	292	287	256
Total	953	1,041	953

Domestic Vessel	903	990	902
Foreign Vessel	50	51	51
Total	953	1,041	953



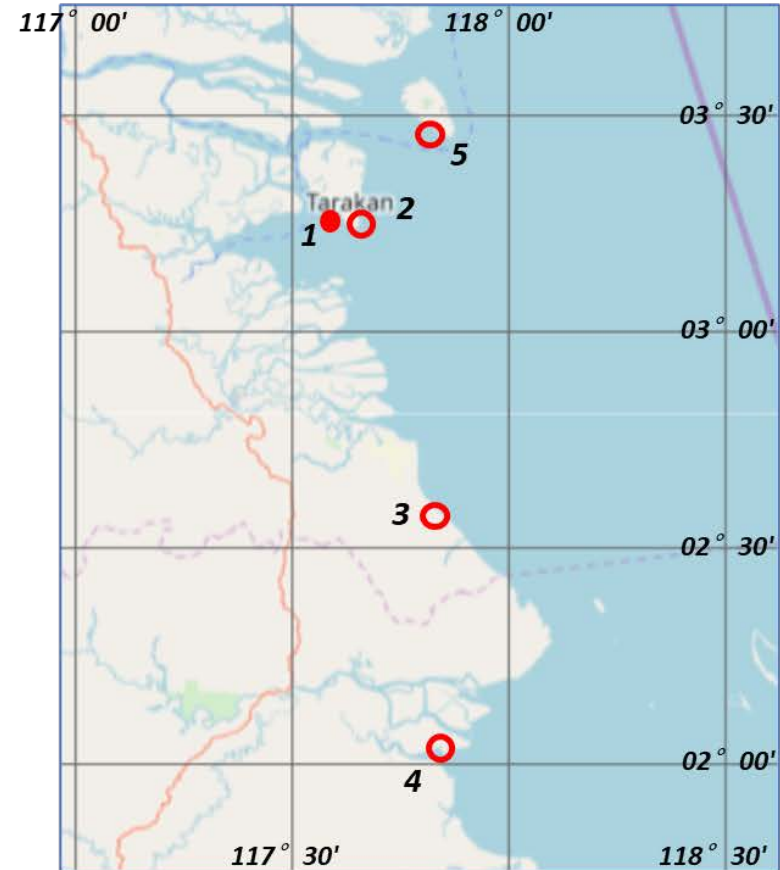
TRAFFIC LANE TO ENTER PORT OF TARAKAN



Planned VTS Sensor

- 1 Tarakan VTS (*existing* : 1xCe, 1xR, 1xA, 2xC, 1xM, 2xV)
- 2 Tanjung Batu (1xA, 1xC, 1xM, 2xV)
- 3 Tanah Kuning (1xA, 1xC, 1xM, 2xV)
- 4 Berau, Tanjung Redeb (1xCe, 1xR, 1xA, 2xC, 1xM, 2xV)
- 5 Bunyu (1xA, 1xC, 1xM, 2xV)

1 (03 ° 17' 20" N 117 ° 35' 25" E)
 2 (03 ° 14' 29" N 117 ° 38' 41" E)
 3 (02 ° 35' 50" N 117 ° 49' 38" E)
 4 (02 ° 03' 13" N 117 ° 50' 11" E)
 5 (03 ° 27' 42" N 117 ° 50' 13" E)

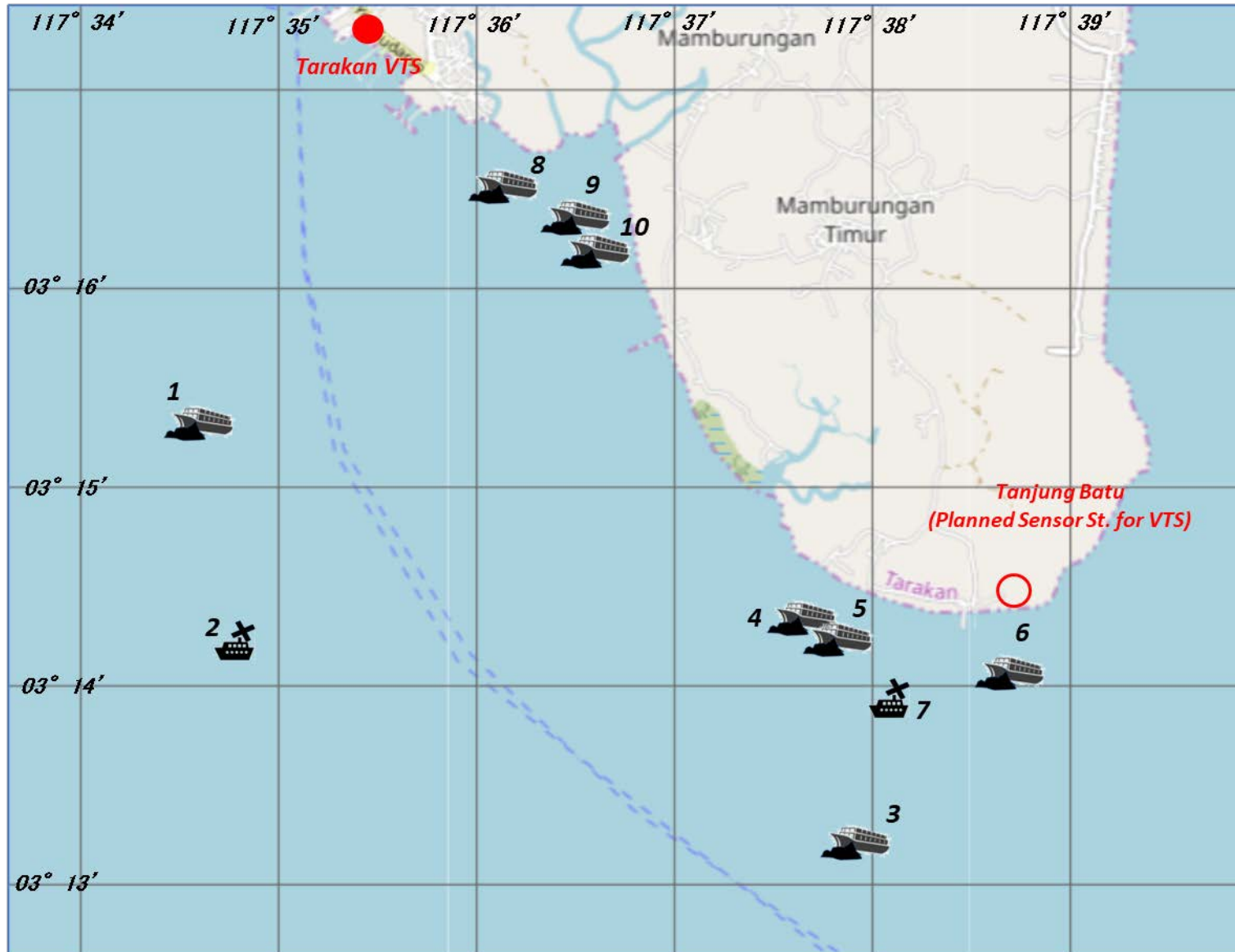


Sheet ② Reporting Format For List of Existing/Planned VTS
 Lembar ② (Format Pelaporan Daftar VTS yang telah ada / VTS yang direncanakan)

District : Tarakan (16)

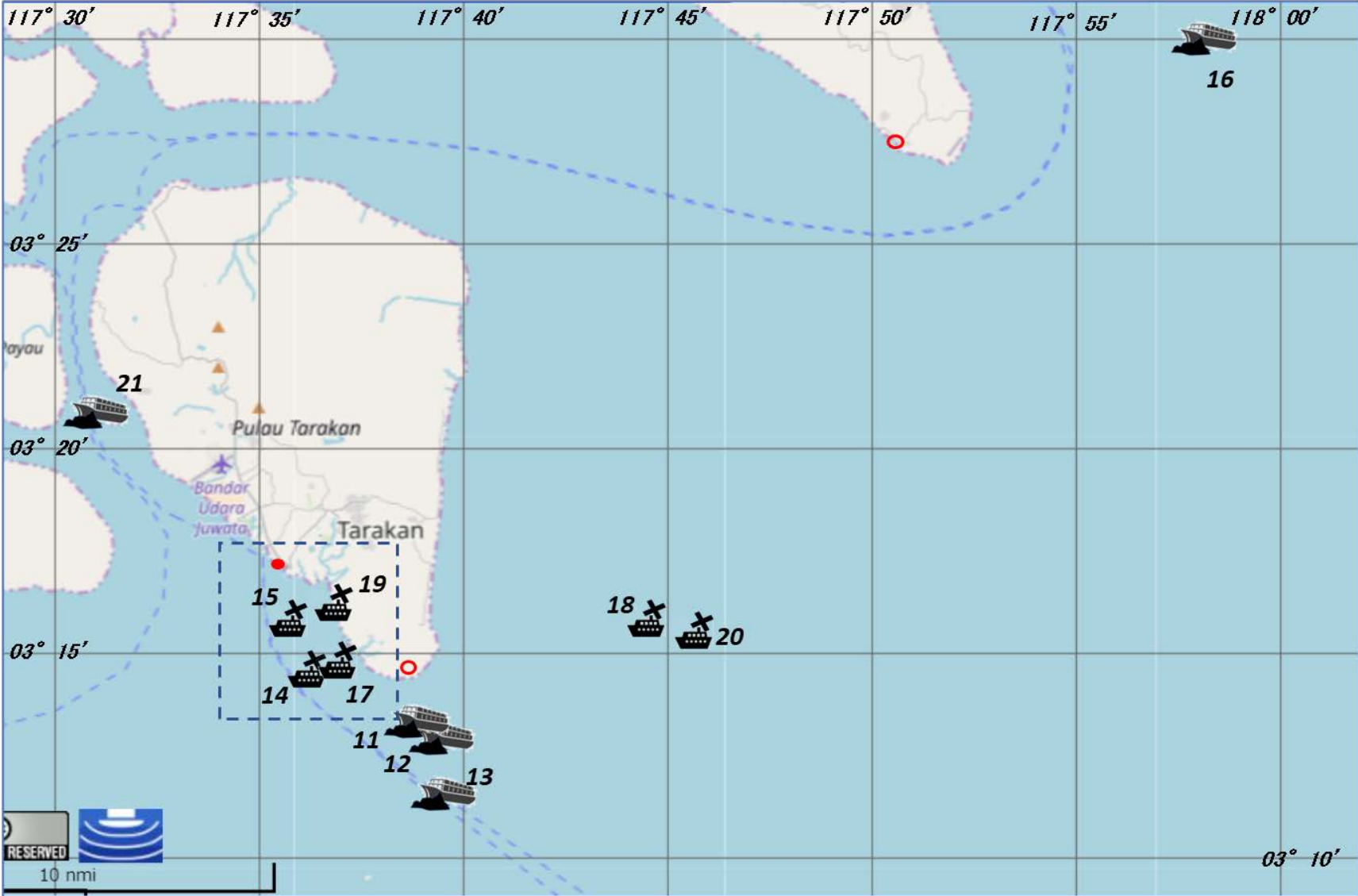
Reference Number (Nomer Referensi)	1 Segment (Existing/Planned) (Telah Ada/ Direncanakan)	Location of Center (Lokasi)			Type of VTS (Tipe VTS)		3 Facilities (Jumlah Fasilitas)							Legal Basis Regulation/Law (Fill Out) (Regulasi/Hukum) (Diisi)	
		Name of VTS (Nama VTS)	Position (Posisi)		2 VTS Area	Purpose (Multiple Answers) / Maksud Tujuan (Jawaban Ganda)	Operation Center / Pusat Operasi	Radar	AIS	CCTC	Meteorological Instrument (Instrumen Meteorologi)	VHF	Traffic/Tidal Signal (Lalu Lintas/ Sinyal Pasang Surut)		Other (Fill out) (Lainnya (Diisi))
			Longitude Garis Bujur	Latitude Garis Lintang											
1	a Existing (Telah ada)	Tarakan VTS	03° 17". 20 " LU	117° 35. 25" BT	a Coastal Waters (Perairan pantai)	c INS, NAS	1	1	1	2	1	2	0		SOP, KM Penetapan Alur setempat
2	b Planning (Rencana/Pembangunan Baru)	Tanjung Batu	03° 14". 29 " LU	117° 38. 41" BT	a Coastal Waters (Perairan pantai)	c INS, NAS	0	0	1	1	1	2	0		SOP, KM Penetapan Alur setempat
3	b Planning (Rencana/Pembangunan Baru)	Tanah Kuning	02° 35". 50 " LU	117° 49. 38" BT	a Coastal Waters (Perairan pantai)	c INS, NAS	0	0	1	1	1	2	0		SOP, KM Penetapan Alur setempat
4	b Planning (Rencana/Pembangunan Baru)	Berau, Tanjung Redeb	02° 03". 13 " LU	117° 50. 11" BT	a Coastal Waters (Perairan pantai)	c INS, NAS	1	1	1	1	1	2	0		SOP, KM Penetapan Alur setempat
5	b Planning (Rencana/Pembangunan Baru)	Bunyu	03° 27". 42 " LU	117° 50. 13" BT	c Inland Water (River) (Perairan Dalam/Sungai)	c INS, NAS	0	0	1	1	1	2	0		SOP, KM Penetapan Alur setempat

Marine Accident (2018~2020)



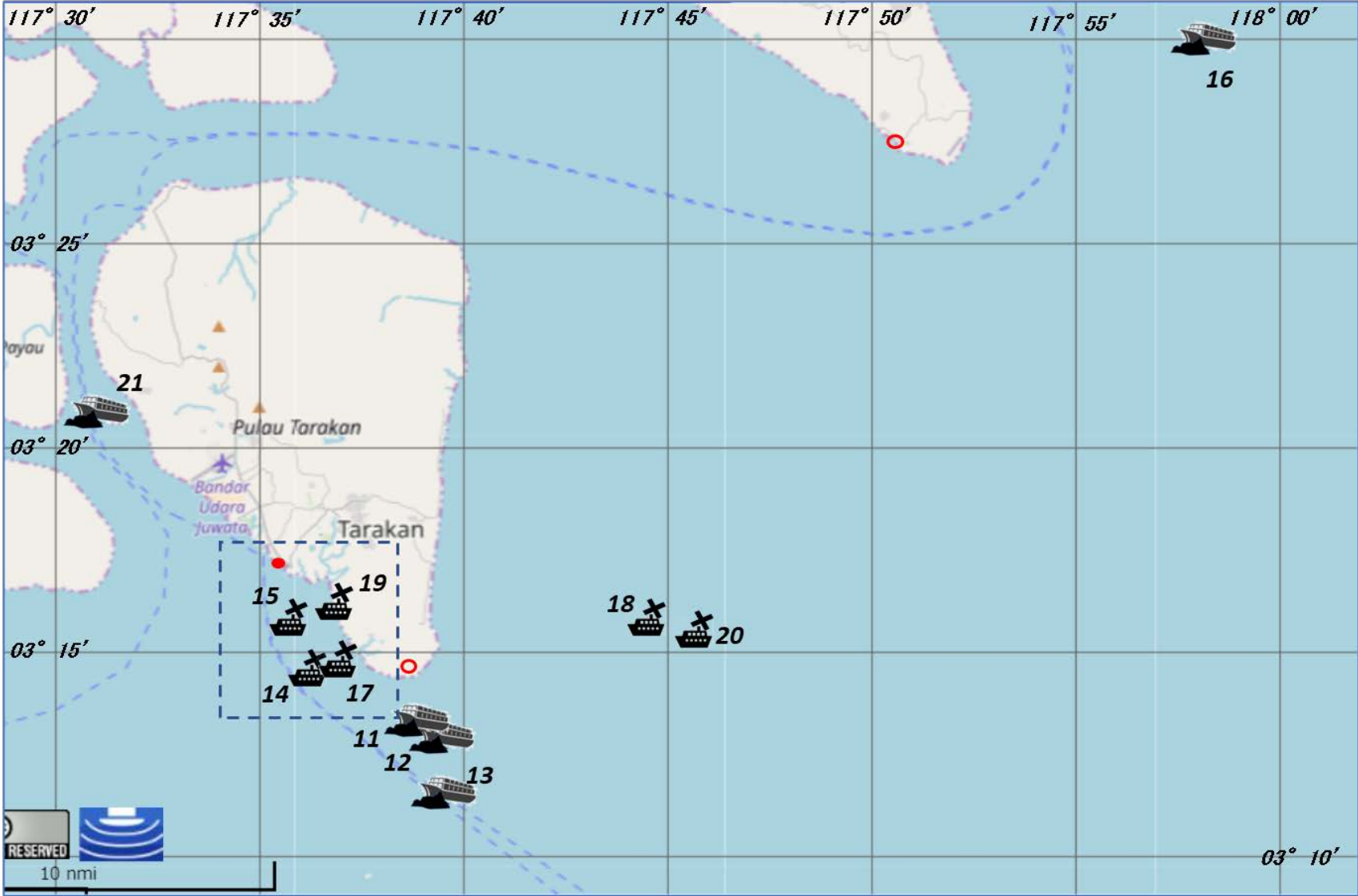
Marine Accident (2021~2022)

- Tarakan VTS
- Planned Sensor St. for VTS



Marine Accident (2021~2022)

- Tarakan VTS
- Planned Sensor St. for VTS



List of Marine Accident at VTS TARAKAN Jurisdiction (1/2)

DAFTAR INSIDEN/KECELAKAAN KAPAL DI WILAYAH KERJA VTS TARAKAN (LIST OF MARINE ACCIDENT AT VTS TARAKAN JURISDICTION)

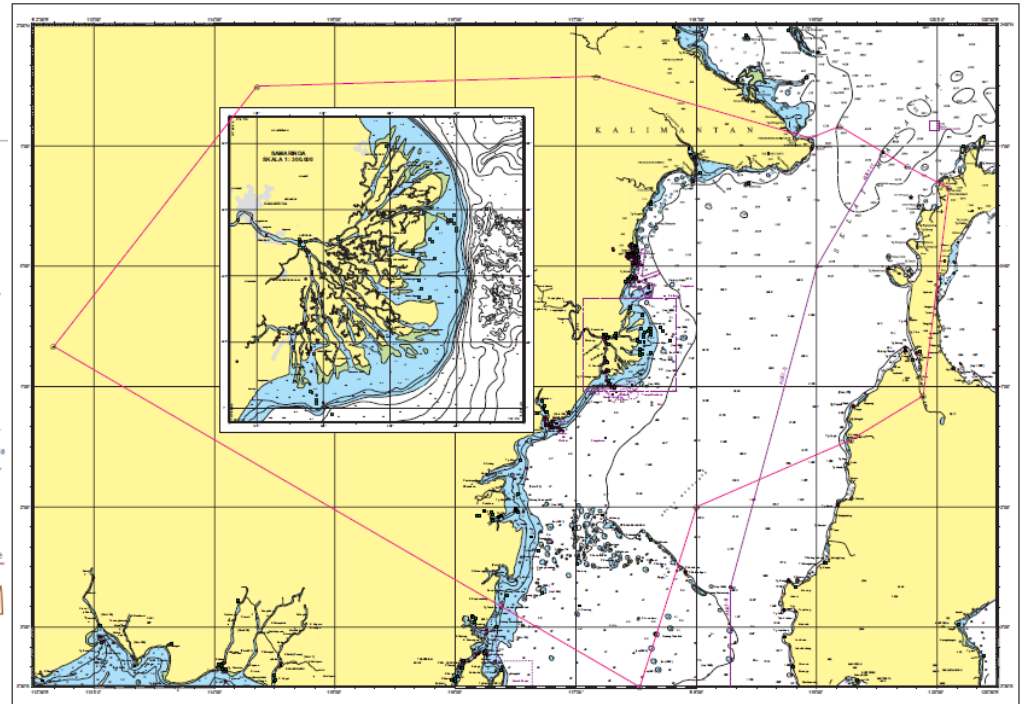
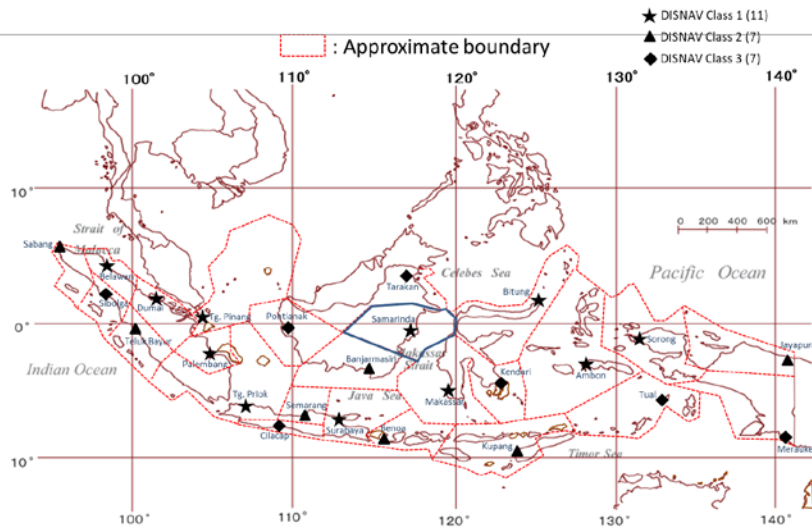
NO No	NAMA KAPAL Ships Name	TAHUN Year Occurrence	JENIS KECELAKAAN Type of Accident	POSISI KECELAKAAN Coordinate of Accident	LOKASI Location of Accident
1	MV CERBA	2018	KANDAS (GROUNDING)	03° 15'. 399 * LU 117° 34. 673 * BT	ZONA LABUH KAPAL KARGO
2	KM SRIWIJAYA AGUNG	2018	LARAT(DRAGGING)	03° 14". 146 * LU 117° 34. 829 * BT	PULAU BUNYU
3	KM. SABUK NUSANTARA 97	2020	KANDAS (GROUNDING)	03° 13". 254 * LU 117° 38. 063 * BT	GOSONG MELULUN
4	TB KAYAN 9	2020	KANDAS (GROUNDING)	03° 14". 272 * LU 117° 37. 716 * BT	TANJUNG MANGACU
5	KMP MANTA	2020	KANDAS (GROUNDING)	03° 14". 255 * LU 117° 37. 747 * BT	TANJUNG MANGACU
6	KM SEGORO MAS	2020	KANDAS (GROUNDING)	03° 14". 029 * LU 117° 38. 463 * BT	TANJUNG BATU
7	LCT DANNY	2020	MENGAPUNG(DRIFTING)	03° 13". 806 * LU 117° 38. 050 * BT	TANJUNG BATU
8	TK KALTARA MURNI	2020	KANDAS (GROUNDING)	03° 16". 512 * LU 117° 36. 121 * BT	MUARA PAMUSIAN
9	SPOB BUMA EMERALD	2020	KANDAS (GROUNDING)	03° 16". 318 * LU 117° 36. 374 * BT	MUARA PAMUSIAN
10	SPOB BUMA BERLIAN	2020	KANDAS (GROUNDING)	03° 16". 206 * LU 117° 36. 516 * BT	MUARA PAMUSIAN

List of Marine Accident at VTS TARAKAN Jurisdiction (2/2)

NO No	NAMA KAPAL Ships Name	TAHUN Year Occurrence	JENIS KECELAKAAN Type of Accident	POSISI KECELAKAAN Coordinate of Accident	LOKASI Location of Accident
11	TB FRED	2021	KANDAS (GROUNDING)	03 ⁰ 13'. 992 * LU 117 ⁰ 38. 621* BT	TANJUNG BATU
12	TB BERAU COAL 25	2021	KANDAS (GROUNDING)	03 ⁰ 13'. 972 * LU 117 ⁰ 38. 659* BT	TANJUNG BATU
13	LCT PRIMA KALTARA 1	2021	KANDAS (GROUNDING)	03 ⁰ 12'. 235 * LU 117 ⁰ 38. 825* BT	GOSONG MELULUN
14	MV HATEKA LUCKY	2021	LARAT(DRAGGING)	03 ⁰ 14'. 956 * LU 117 ⁰ 36. 193* BT	TANJUNG PASIR
15	KLM SINAR MAS	2021	LARAT(DRAGGING)	03 ⁰ 16'. 081 * LU 117 ⁰ 35. 357* BT	ZONA LABUH KAPAL CARGO
16	FC AKM 03	2021	KANDAS (GROUNDING)	03 ⁰ 30'. 400 * LU 117 ⁰ 58. 100* BT	PULAU BUNYU
17	MV MEDI GLADSTONE	2021	LARAT(DRAGGING)	03 ⁰ 14'. 692 * LU 117 ⁰ 35. 609* BT	STS TANJUNG PASIR
18	TB PRIMA 20	2022	LARAT(DRAGGING)	03 ⁰ 16'. 459 * LU 117 ⁰ 44. 962* BT	STS TANJUNG BATU
19	TB DELTA AYU 218	2022	LARAT(DRAGGING)	03 ⁰ 16'. 336 * LU 117 ⁰ 36. 140* BT	MUARA PAMUSIAN
20	MV DUTA AZZAM	2022	LARAT(DRAGGING)	03 ⁰ 15'. 197 * LU 117 ⁰ 45. 848* BT	STS TANJUNG BATU
21	KM PERMATA NUSANTARA	2022	KANDAS (GROUNDING)	03 ⁰ 21'. 589 * LU 117 ⁰ 31. 274* BT	UTARA PULAU SADAU

17 DISNAV Samarinda

Outline of DISNAV Service Area



1-A Summary Table for Planned VTS

17 DISNAV Samarinda

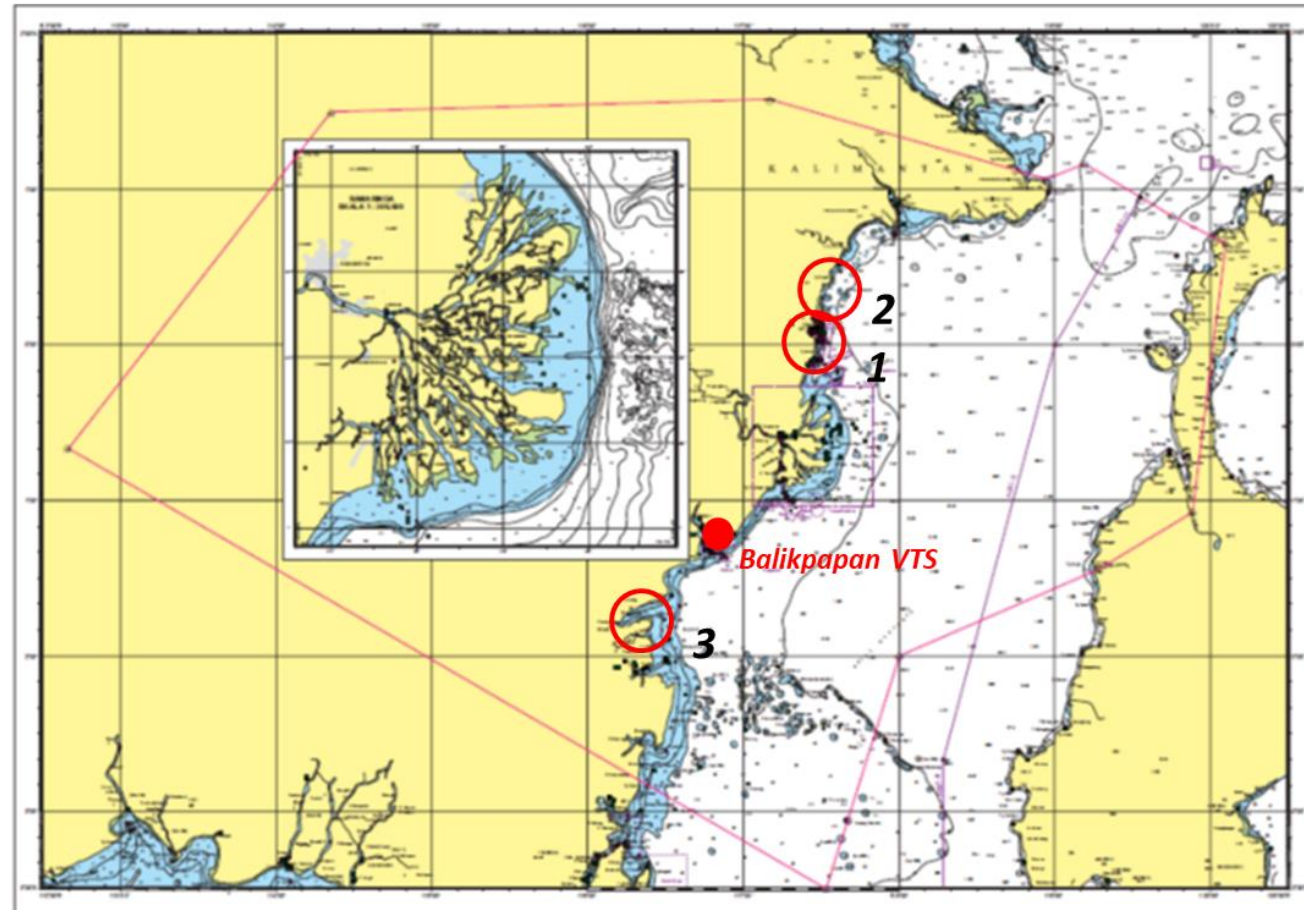
No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
1	Bontang	Coastal Waters	-----	-----	Feasibility Study
2	Sangatta	Coastal Waters	-----	-----	Feasibility Study
3	Tana Grogot	Sensor St.	-----	-----	Feasibility Study

1-B Outline Map of Planned VTS

Planned VTS

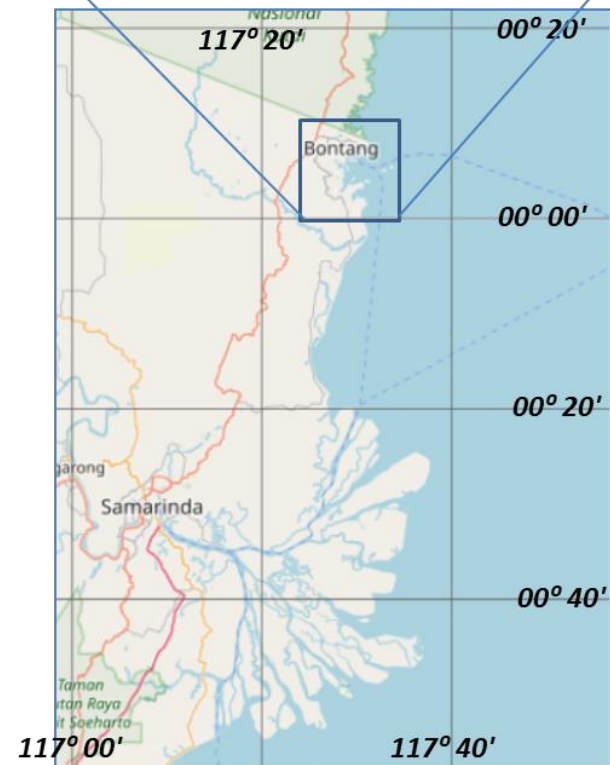
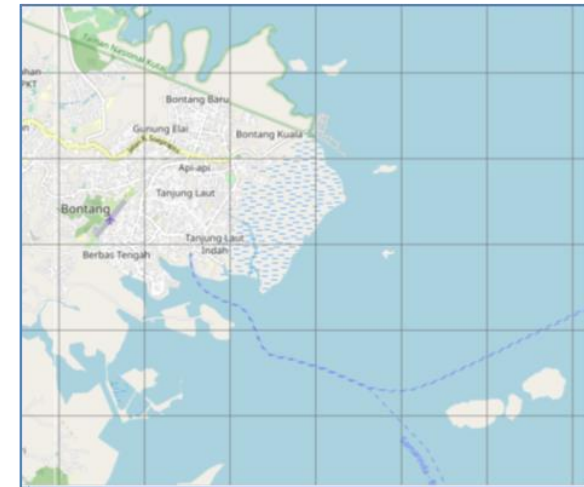
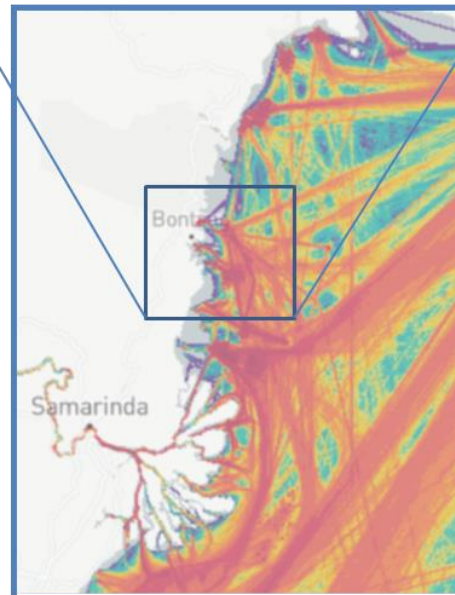
- 1 Bontang (Port/Habor)
- 2 Sangatta (Coastal Water)
- 3 Tana Grogot Paser (Sensor for Balikpapan)

*1 (00° 06' 50.70" N 117° 29' 33.90" E)
2 (00° 31' 26.30" N 117° 36' 23.50" E)
3 (01° 48' 25.02" S 116° 15' 02.59" E)*



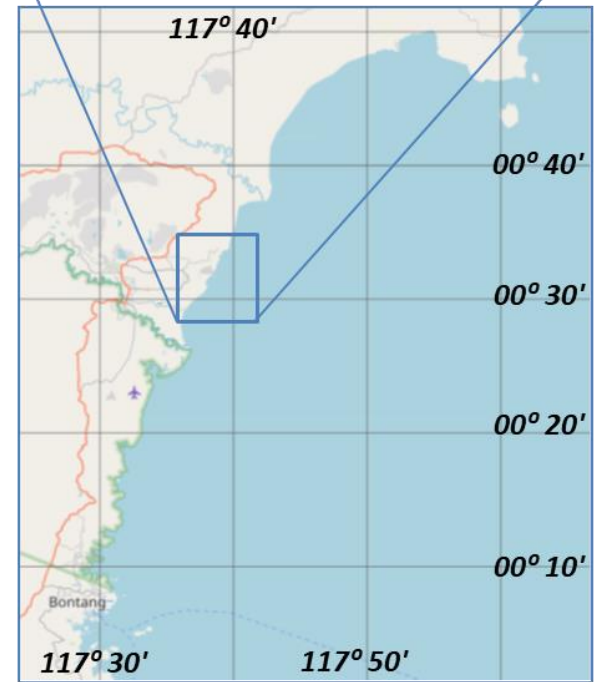
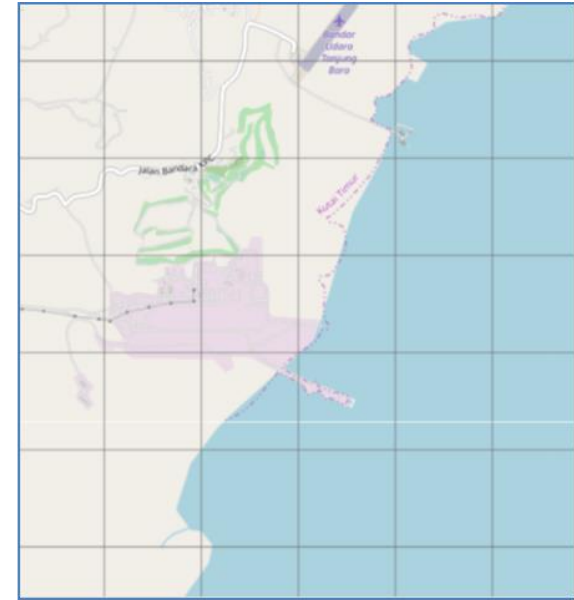
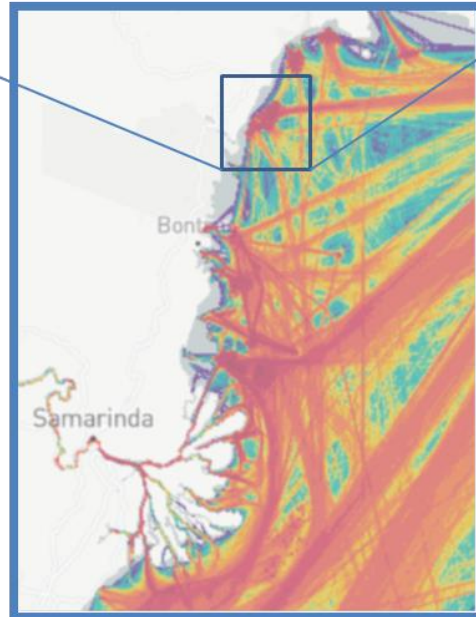
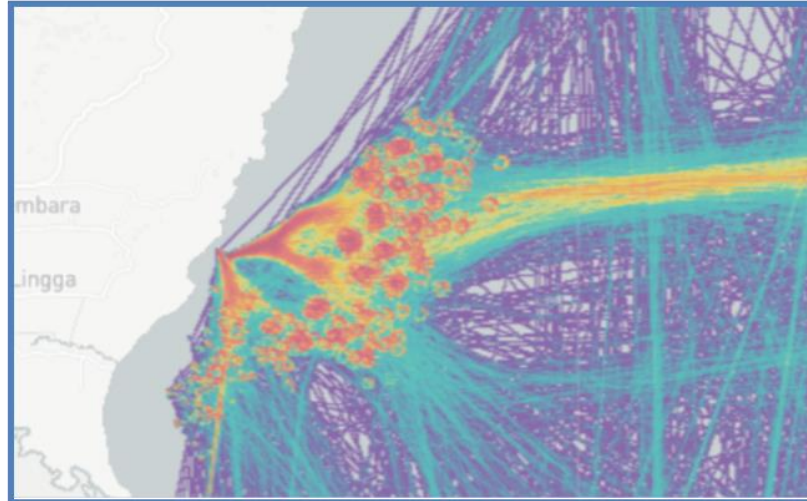
Planned VTS

1 BONTANG



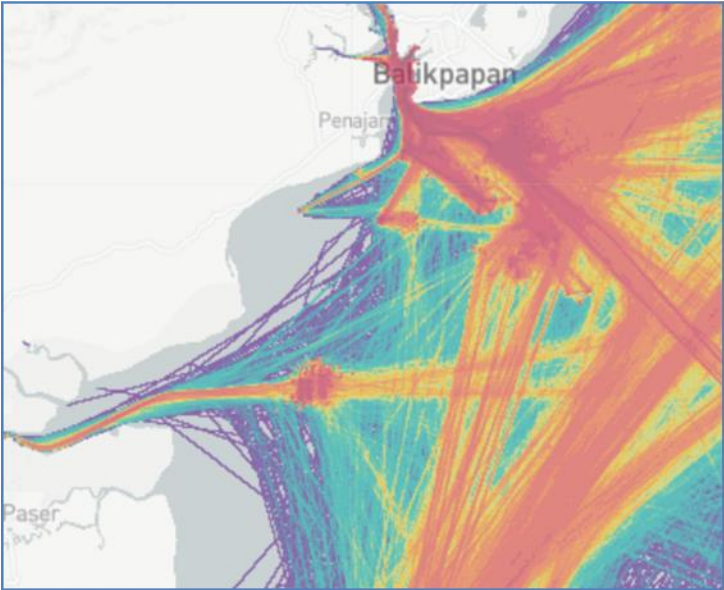
Planned VTS

2 SANGATTA



Planned VTS (Sensor Station)

3 Tana Grogot Paser (Sensor for Balikpapan)



Sheet ① Reporting Format for Nominated Area of Establishing VTS
Lembar ① (Format Pelaporan Nominasi Pembangunan VTS)

District : Samarinda (17)

Priority (Prioritas)	Name (Area/Port) <i>Nama (Area/Pelabuhan)</i>	1. Main Purpose of VTS <i>(Tujuan Utama VTS)</i>	2. VTS Area <i>(Area VTS)</i>	Necessary Data/Information <i>(Data/Informasi yang dibutuhkan)</i>						Reference (Fill out) <i>(Referensi (Diisi))</i>		Note <i>(Catatan)</i>
				3. Nautical Chart <i>(Peta Laut)</i>	4. AIS Data <i>(Data AIS)</i>	5. Conventional Route <i>(Rute Konvensional)</i>	6. Traffic Volume <i>(Volume Traffic/Lalu Lintas)</i>	7. Marine Accident Data <i>(Data Kecelakaan Kelautan)</i>	8. Stakeholder Demands <i>(Permintaan Pihak Berkepentingan)</i>	National Strategy <i>(Strategi Nasional)</i>	Special Situation <i>(Situasi Khusus)</i>	
1	Bontang	c INS. NAS	b Port/Harbour <i>(Pelabuhan)</i>	a Big Scale <i>(Skala Besar)</i>	a Independent <i>(Independen)</i>	a Existing <i>(Yang ada)</i>	a Existing <i>(Yang ada)</i>	b None <i>(Tidak ada)</i>	c Marine Person <i>(Personel Marine)</i>	Port Activity,Coastal Surveillance	Cargo Vessel,Motor Tanker,Tugboat	Planning
2	Sangatta	c INS. NAS	a Coastal Waters <i>(Perairan pantai)</i>	b General Scale <i>(Skala Umum)</i>	a Independent <i>(Independen)</i>	a Existing <i>(Yang ada)</i>	a Existing <i>(Yang ada)</i>	b None <i>(Tidak ada)</i>	c Marine Person <i>(Personel Marine)</i>	Port Activity,Coastal Surveillance	Cargo Vessel,Motor Tanker,Tugboat	Planning
3	Tana Grogot Paser	g Surveillance	a Coastal Waters <i>(Perairan pantai)</i>	b General Scale <i>(Skala Umum)</i>	a Independent <i>(Independen)</i>	a Existing <i>(Yang ada)</i>	a Existing <i>(Yang ada)</i>	b None <i>(Tidak ada)</i>	c Marine Person <i>(Personel Marine)</i>	Port Activity,Coastal Surveillance	Cargo Vessel,Motor Tanker,Tugboat	Sensor ,supporting Balikpapan VTS

1-A Summary Table for Existing VTS

17 DISNAV Samarinda

No	Name (Place)	Type	Location		Other		
			Latitude	Longitude			
1	Samarinda VTS	Inland water (River)	00° 30' 33.5" S	117° 09' 26.0" E			
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	3	3	1	0	3	0	

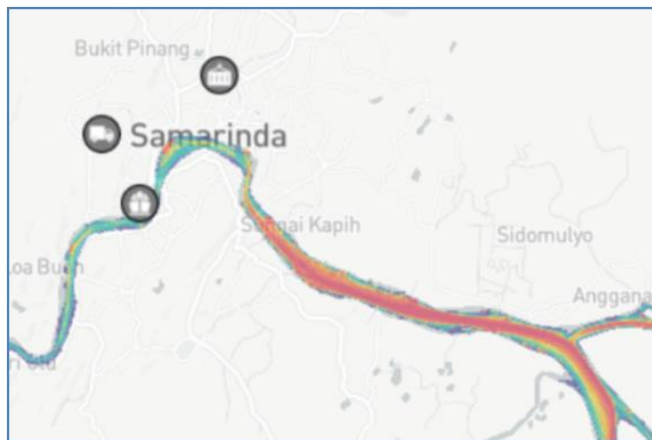
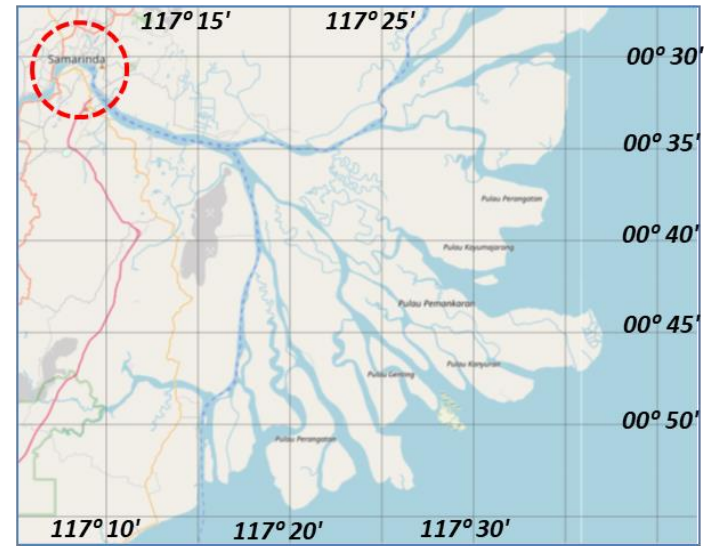
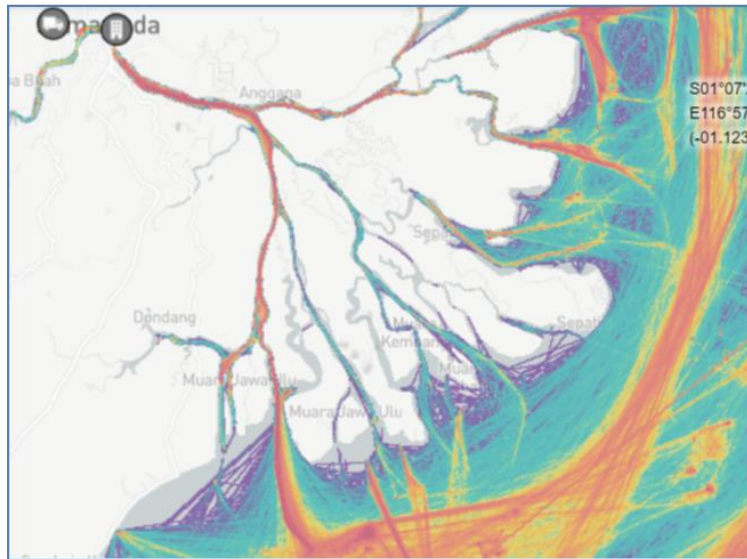
No	Name (Place)	Type	Location		Other		
			Latitude	Longitude			
2	Balikpapan	Coastal Waters	01° 16' 49.0" S	116° 48' 57.6" E			
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	1	2	1	1	3	0	

1-B Outline Map of Existing VTS

Existing VTS

Samarinda VTS

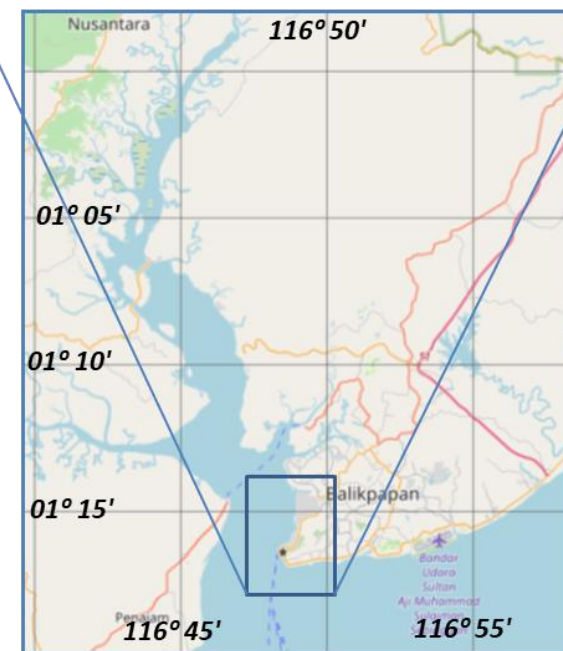
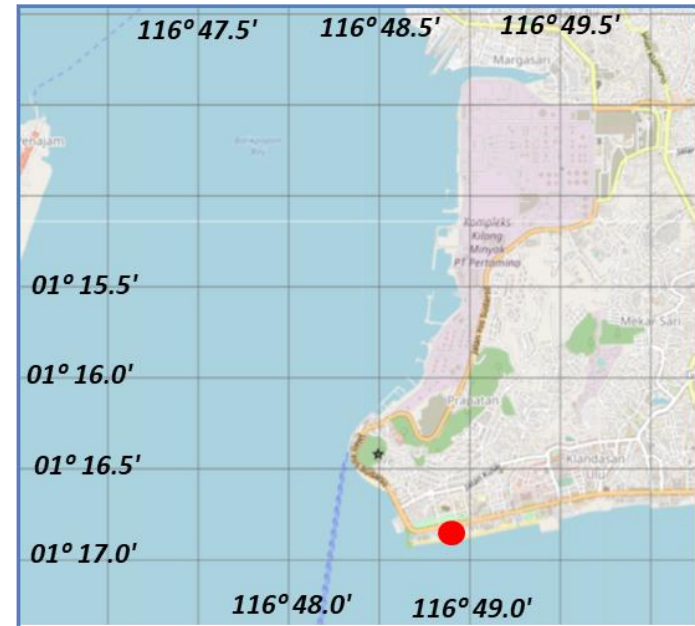
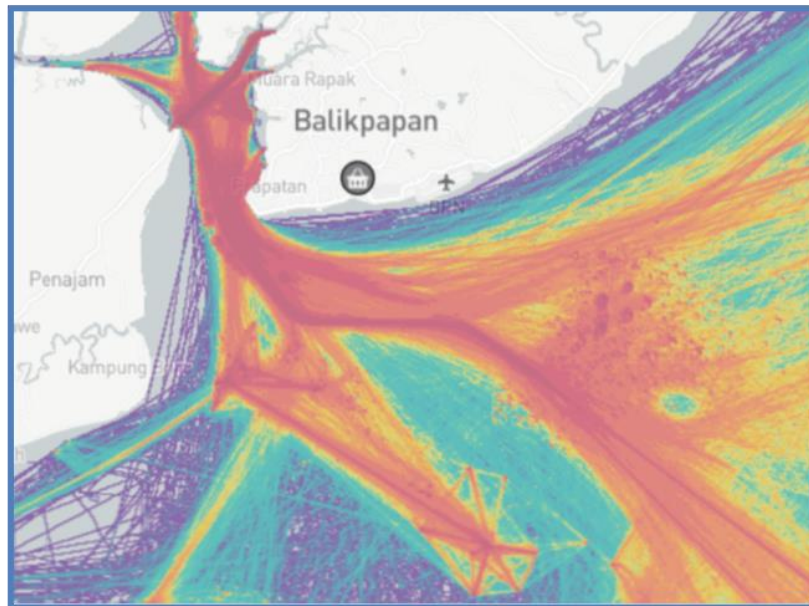
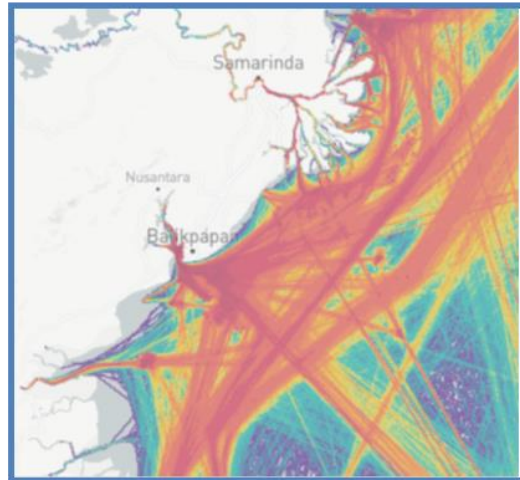
(00° 30' 33.5" N 117° 09' 26.90" E)



Existing VTS

Balikpapan VTS

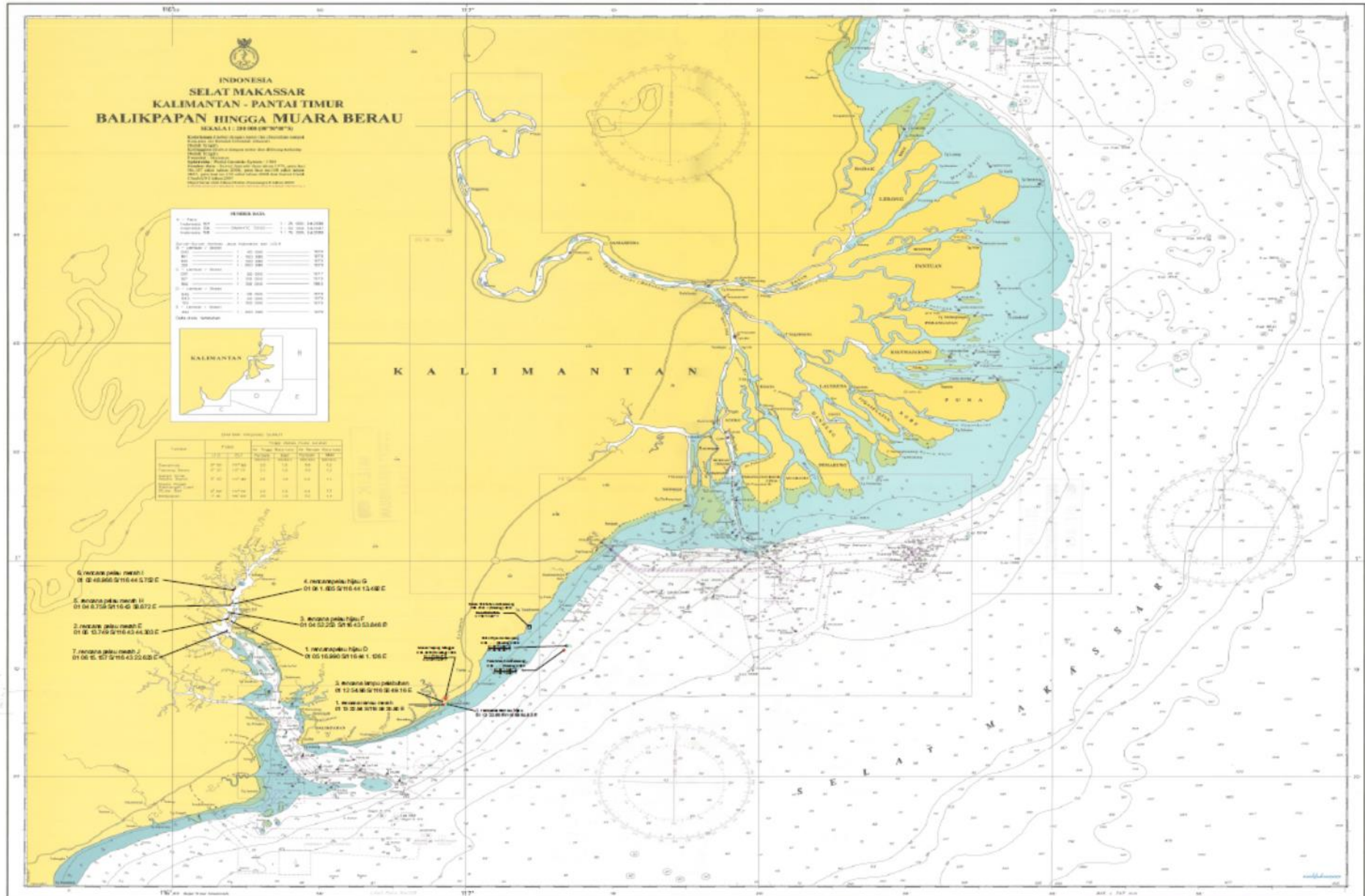
(01° 16' 49" N 116° 48' 57" E)



Sheet ② Reporting Format For List of Existing /Planned VTS
 Lembar ② (Format Pelaporan Daftar VTS yang telah ada / VTS yang direncanakan)

District : Samarinda (17)

Reference Number (Nomor Referensi)	1 Segment (Existing/Planned) (Telah Ada/ Direncanakan)	Location of Center (Lokasi)			Type of VTS (Tipe VTS)		3 Facilities (Jumlah Fasilitas)							Legal Basis Regulation/Law(Fill Out) (Regulasi/Hukum) (Diisi)	
		Name of VTS (Nama VTS)	Position (Posisi)		2 VTS Area	Purpose (Multiple Answers) / Maksud Tujuan (Jawaban Ganda)	Operation Center / Pusat Operasi	Radar	AIS	CCTC	Meteorological Instrument (Instrumen Meteorologi)	VHF	Traffic/Tidal Signal (Lalu Lintas/ Sinyal Pasang Surut)		Other (Fill out) (Lainnya (Diisi))
			Longitude Garis Bujur	Latitude Garis Lintang											
1	a Existing (Telah ada)	VTS SAMARINDA	00.30'33.5" S	117.09' 26" E	c Inland Water (River) (Perairan Dalam/Sungai)	c INS, NAS	1	3	3	1	0	3	0		UU NO 17 TAHUN 2008 UU NO 36 TAHUN 1999 PP NO 5 TAHUN 2010 PP NO 52 TAHUN 2000 KM 30 TAHUN 2006 PM 26 TAHUN 2011 PM NO 19 TAHUN 2022 KP 722 TAHUN 2018 SOP Samarinda VTS Tahun 2016
2	a Existing (Telah ada)	VTS BALIKPAPAN	01 16' 49" S	116 48' 57.6" E	a Coastal Waters (Perairan pantai)	c INS, NAS	1	1	2	1	1	3	0		UU NO 17 TAHUN 2008 UU NO 36 TAHUN 1999 PP NO 5 TAHUN 2010 PP NO 52 TAHUN 2000 KM 30 TAHUN 2006 PM 26 TAHUN 2011 PM NO 19 TAHUN 2022 KP 442 TAHUN 2017 SOP Balikpapan VTS Tahun 2016

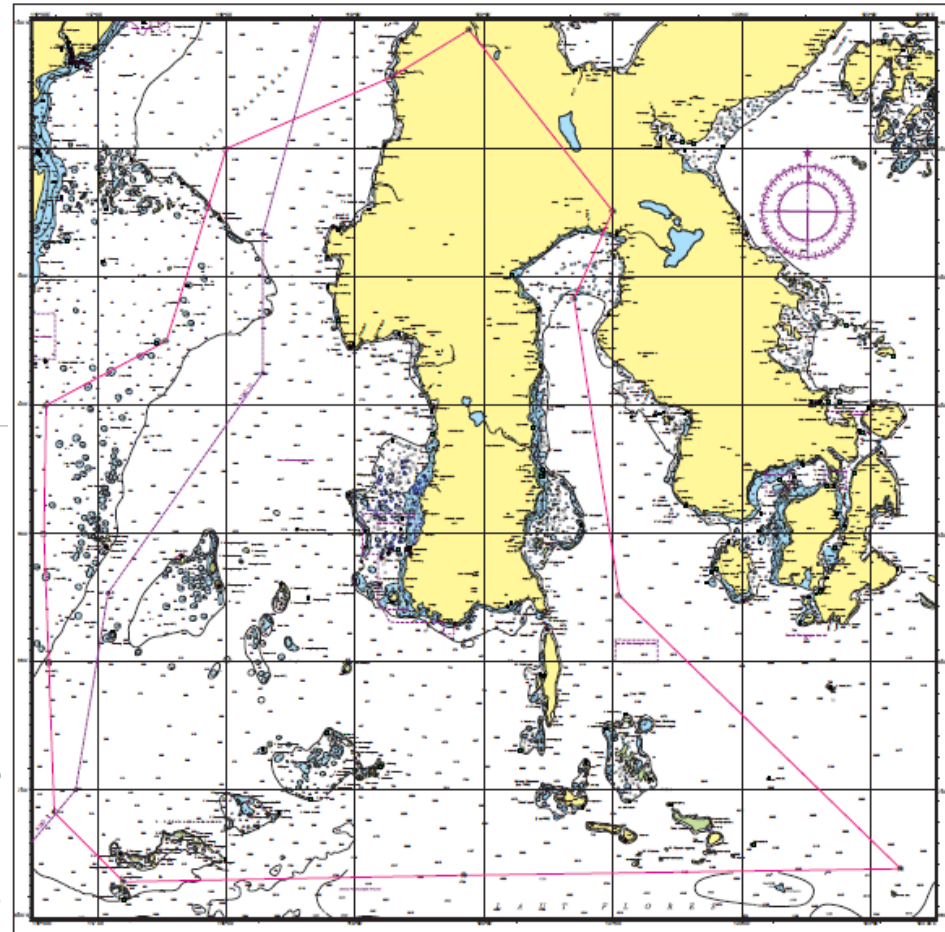
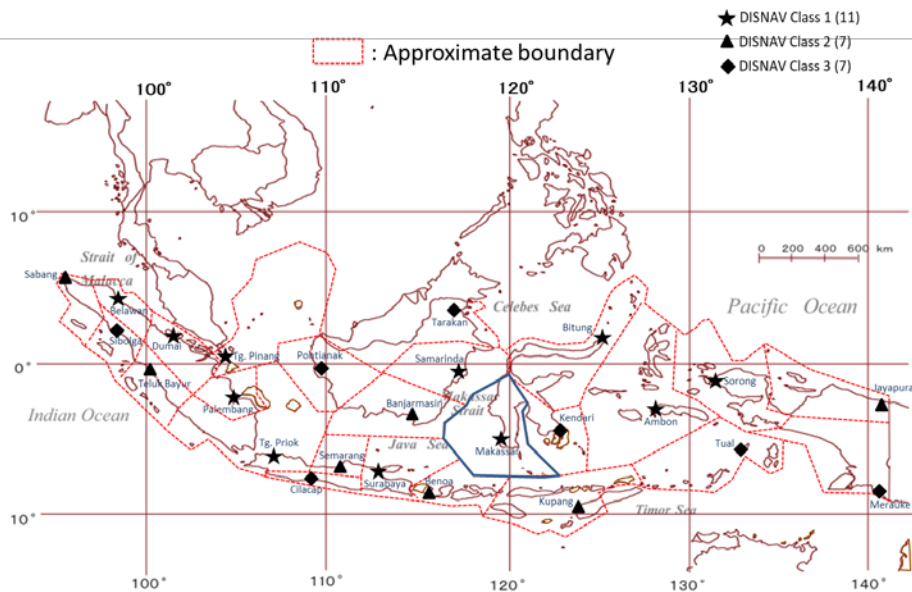


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18 DISNAV Makassar

Outline of DISNAV Service Area



1-A Summary Table for Existing VTS

18 DISNAV Makassar

No	Name (Place)	Type	Location		Other		
			Latitude	Longitude			
1	Makassar VTS	Port/Harbor	05° 07' 23" S	119° 24' 52" E			
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	1	2	3	1	2	0	Tidal Station

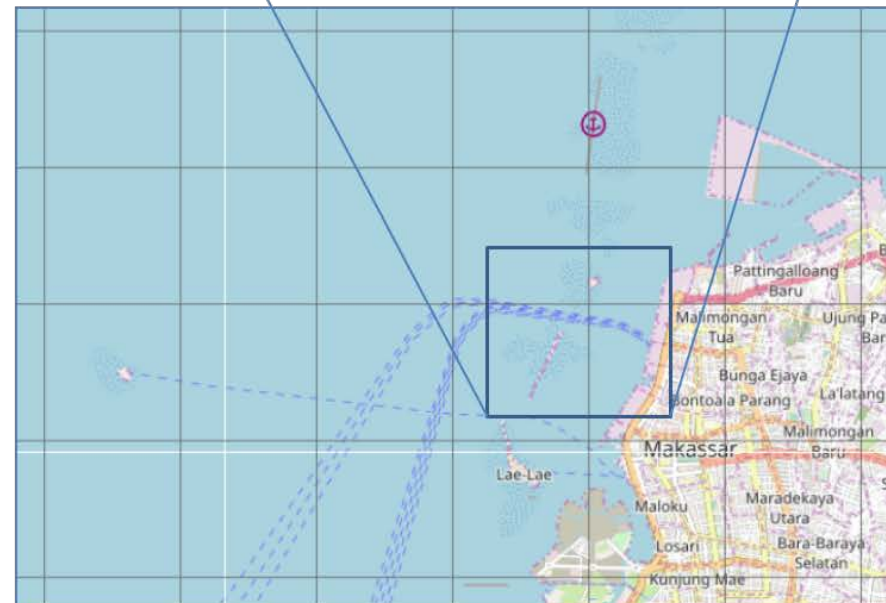
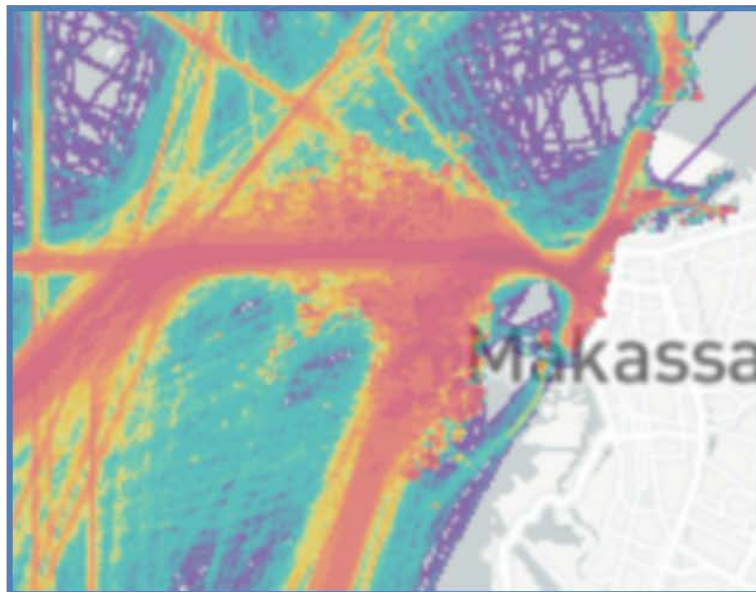
1-B Outline Map of Existing VTS

Existing VTS

Makassar VTS

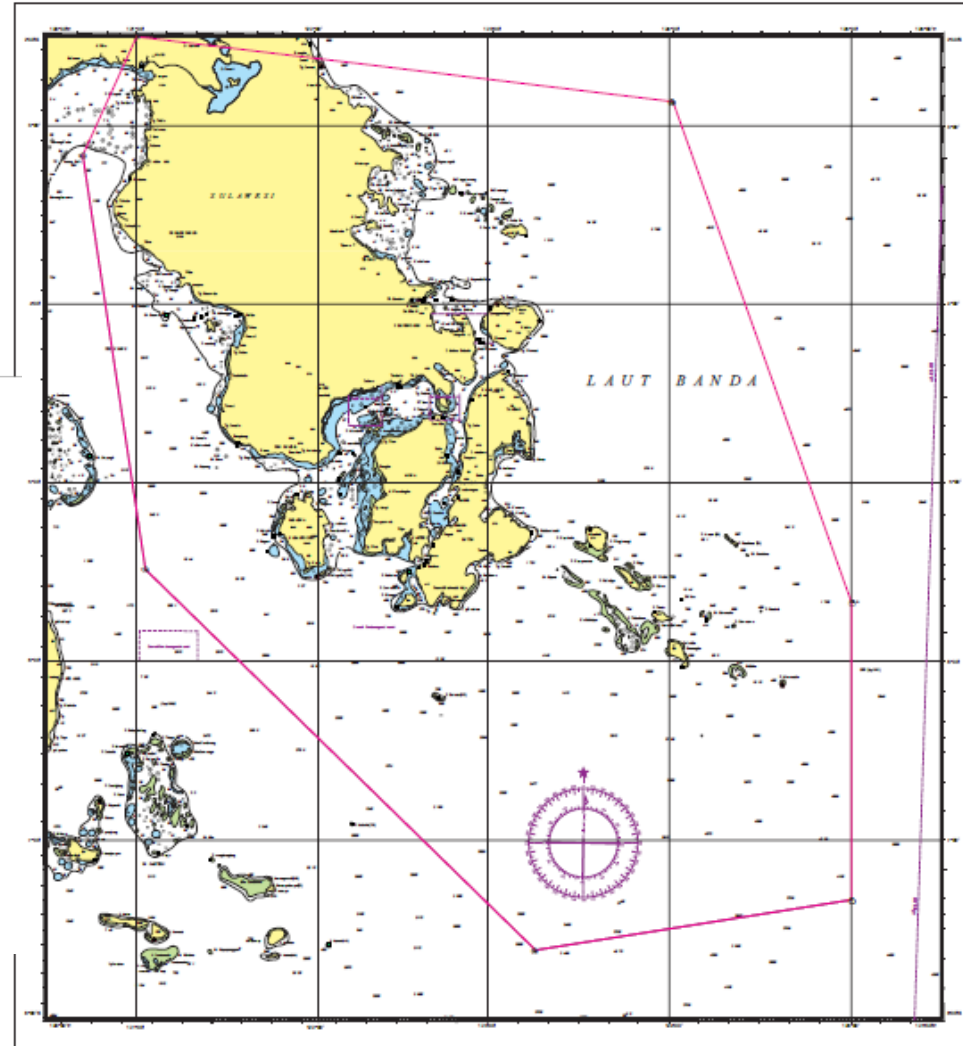
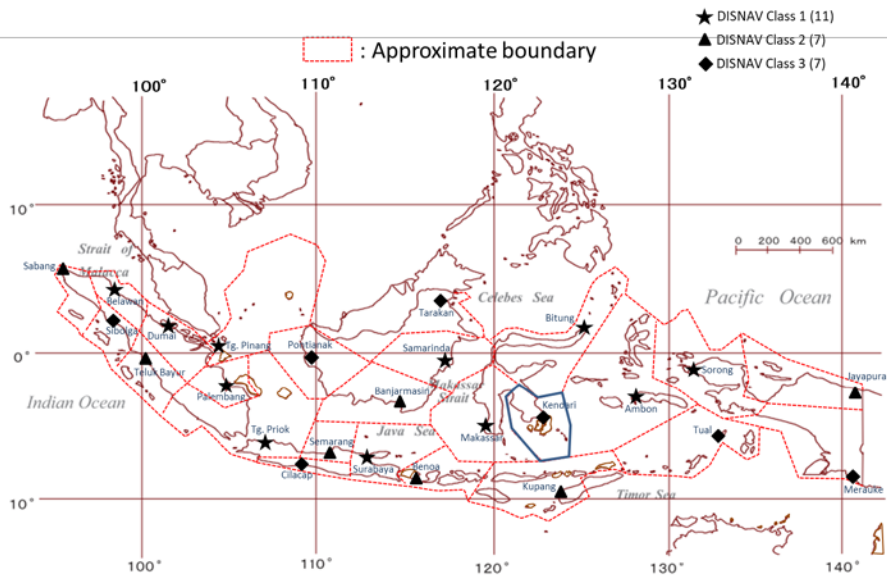
($05^{\circ} 07' 23'' S$ $119^{\circ} 24' 52'' E$)

C : 1, R : 1, A : 2, CT : 3, M : 1, V : 2



19 DISNAV Kendari

Outline of DISNAV Service Area



1-A Summary Table for Planned VTS

19 DISNAV Kendari

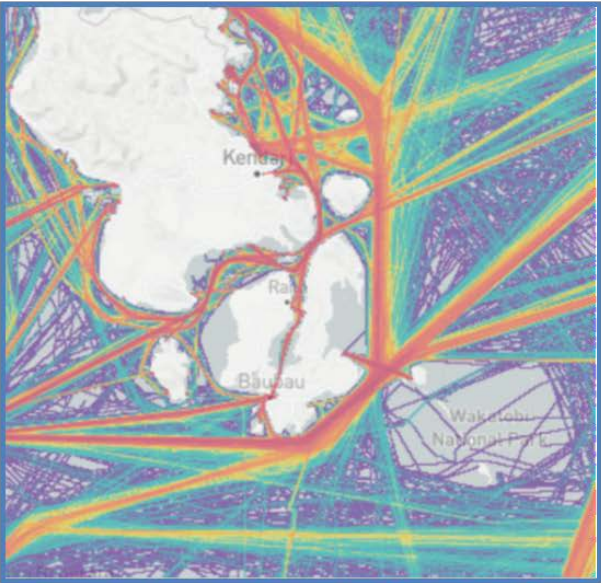
No	Name (Place)	Type	Location		Other		
			Latitude	Longitude			
1	Kendari VTS	Port/Harbor	-----	-----			
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	1	2	3	1	3	0	

1-B Outline Map of Planned VTS

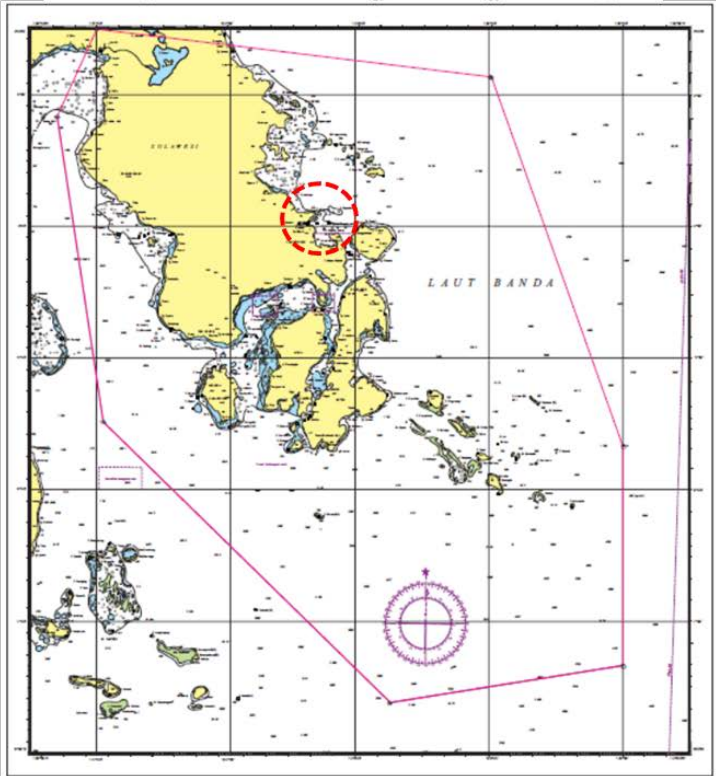
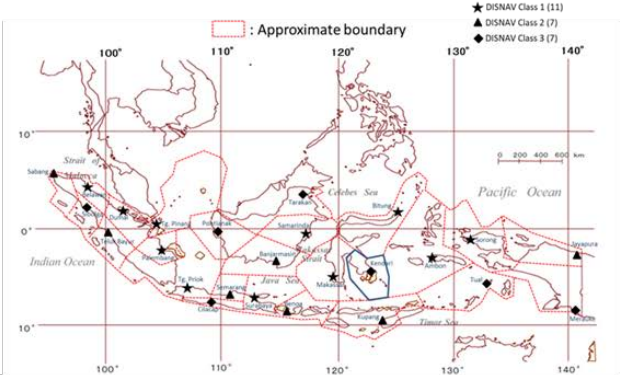
19 Kendari (III)

Planned VTS (Port/Harbour)

Kendari VTS

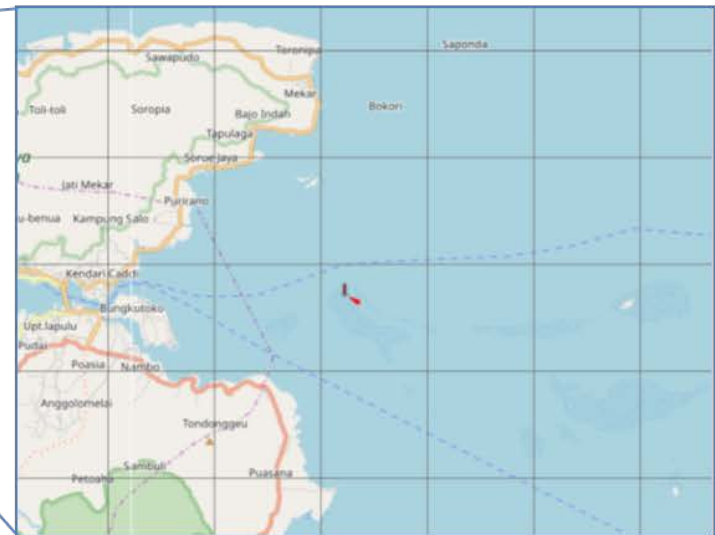
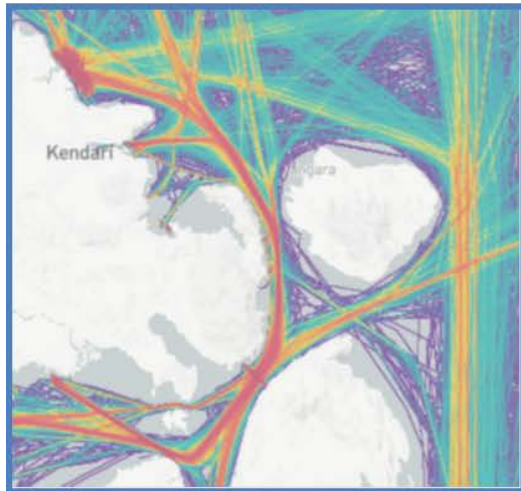
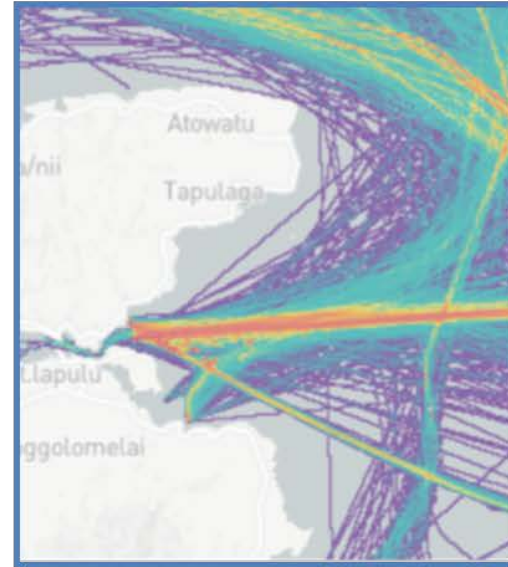


Outline of DISNAV Service Area



Planned VTS (Port/Harbour)

Kendari VTS



Sheet ② Reporting Format For List of Existing/Planned VTS
 Lembar ② (Format Pelaporan Daftar VTS yang telah ada / VTS yang direncanakan)

District : Kendari (19)

Reference Number (Nomer Referensi)	1 Segment (Existing/Planned) (Telah Ada/ Direncanakan)	Location of Center (Lokasi)		Type of VTS (Tipe VTS)		3 Facilities (Jumlah Fasilitas)								Legal Basis Regulation/Law (Fill Out) (Regulasi/Hukum) (Diisi)	
		Name of VTS (Nama VTS)	Position (Posisi)		2 VTS Area	Purpose (Multiple Answers) / Maksud Tujuan (Jawaban Ganda)	Operation Center / Pusat Operasi	Radar	AIS	CCTV	Meteorological Instrument (Instrumen Meteorologi)	VHF	Traffic/Tidal Signal (Lalu Lintas/ Sinyal Pasang Surut)		Other (Fill out) (Lainnya (Diisi))
			Longitude Garis Bujur	Latitude Garis Lintang											
1	b Planning (Rencana/Pembang unan Baru)	Kendari VTS			b Port/Harbour (Pelabuhan)	c INS, NAS	1	1	2	3	1	3	0		Local Maritime Regulation

1-A Summary Table for Planned VTS

21DISNAV Ambon

No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
1	Ambon VTS	Port/Harbor	-----	-----	

Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	2	1	2	1	2		

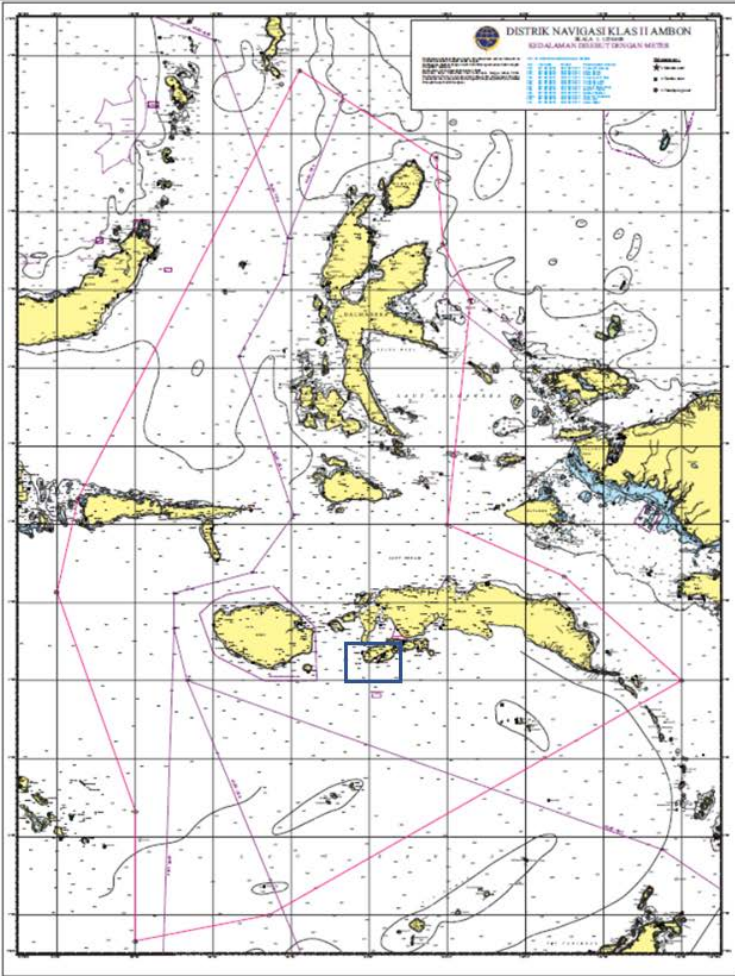
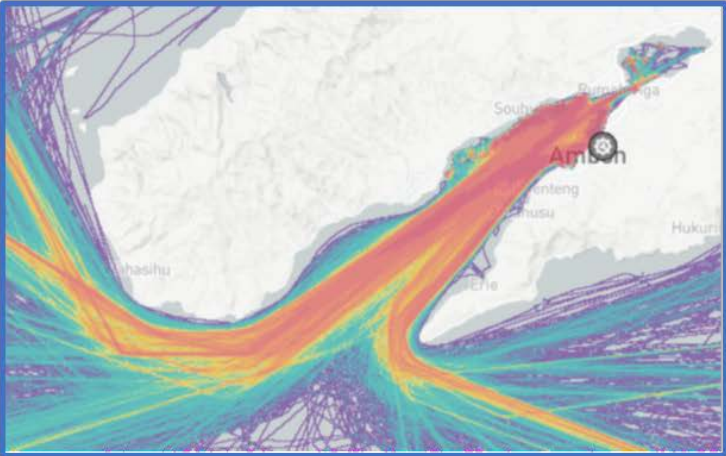
1-B Outline Map of Planned VTS

21 Ambon (I)

Planned VTS

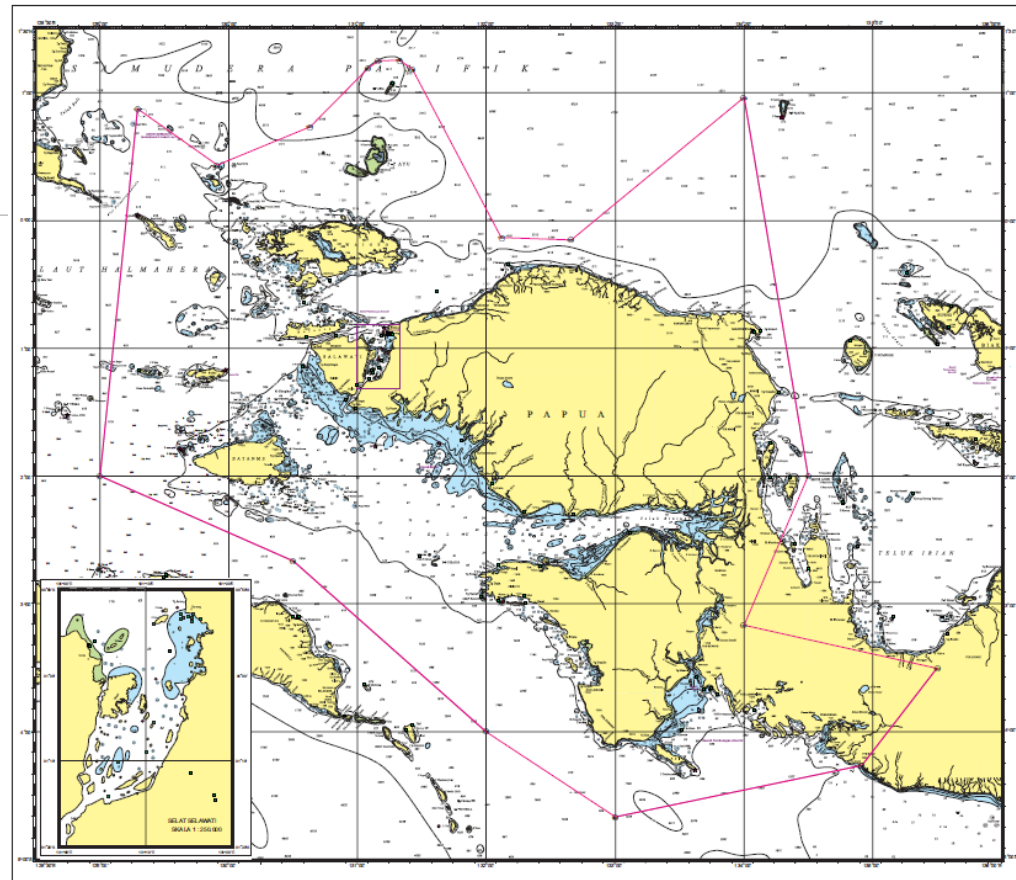
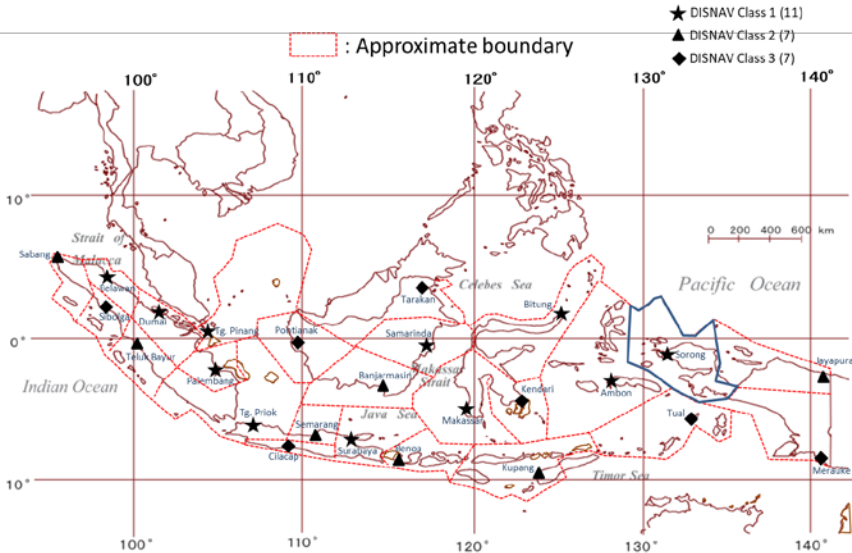
Ambon VTS (Port/Harbor)

Operation Center / Pusat Operasi	Radar	3 Facilities (Jumlah Fasilitas)			VHF	Traffic/Tidal Signal (Lalu Lintas/ Sinyal Pasang Surut)	Other (Fill out) (Lainnya (Diisi))
		AIS	CCTC	Meteorological Instrument (Instrumen Meteorologi)			
1	2	1	2	1	2	0	Tide Station (stasiun pasang-surut)



22 DISNAV Sorong

Outline of DISNAV Service Area



1-A Summary Table for Existing VTS

22 DISNAV Sorong

No	Name (Place)	Type	Location		Other		
			Latitude	Longitude			
1	Sorong VTS	Port/Harbor	00° 53' 11.00" S	131° 16' 06.09" E			
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
0	1	2	0	0	2	0	

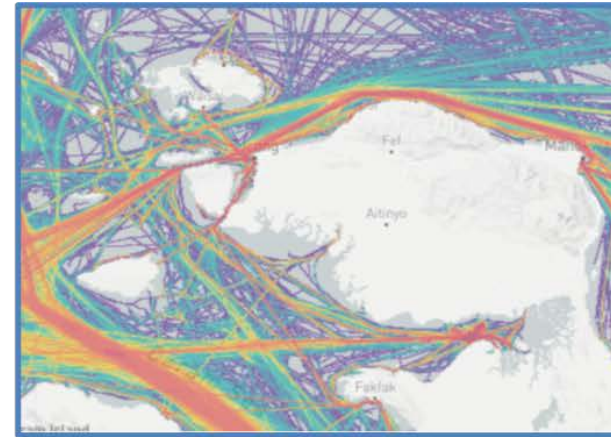
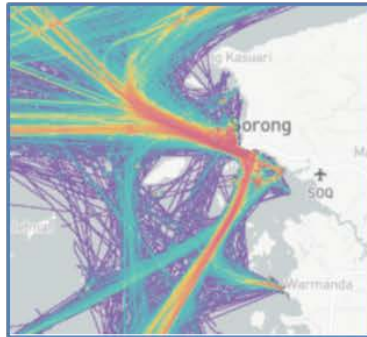
No	Name (Place)	Type	Location		Other		
			Latitude	Longitude			
2	Bintuni VTS	Port/Harbor	02° 26' 41.62" S	133° 07' 17.68" E			
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
0	1	2	1	1	2	0	

1-B Outline Map of Existing VTS

Existing VTS

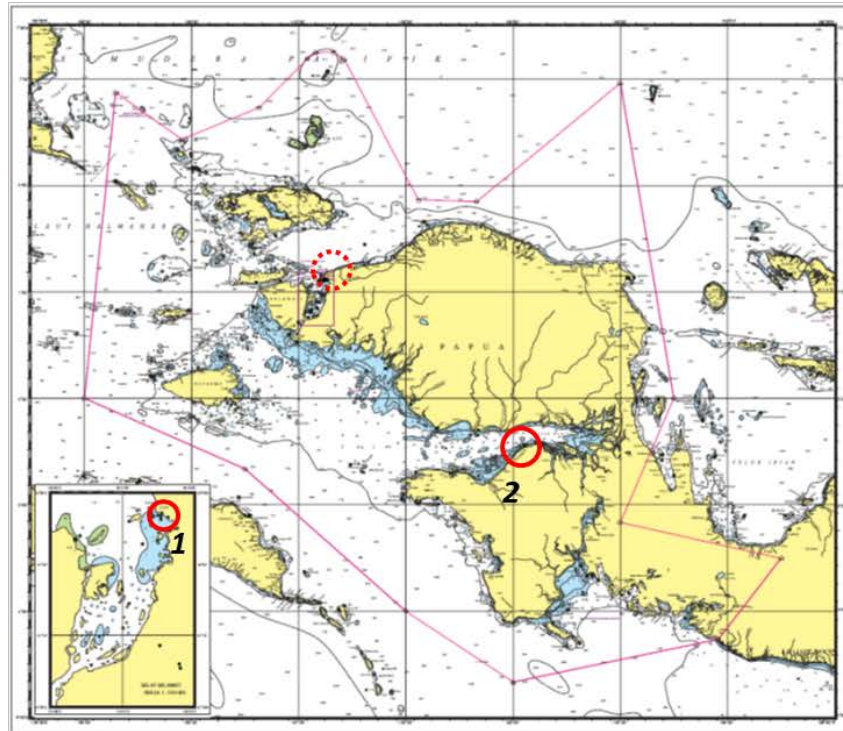
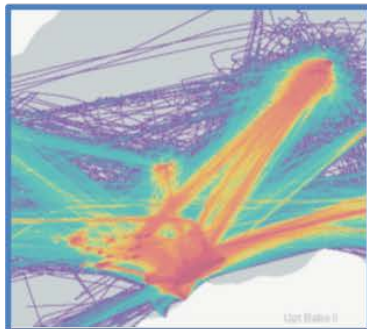
1 Sorong VTS

($00^{\circ} 53' 11.00'' S$ $131^{\circ} 16' 06.09'' E$)



2 Bintuni VTS

($02^{\circ} 26' 41.62'' S$ $133^{\circ} 07' 17.68'' E$)



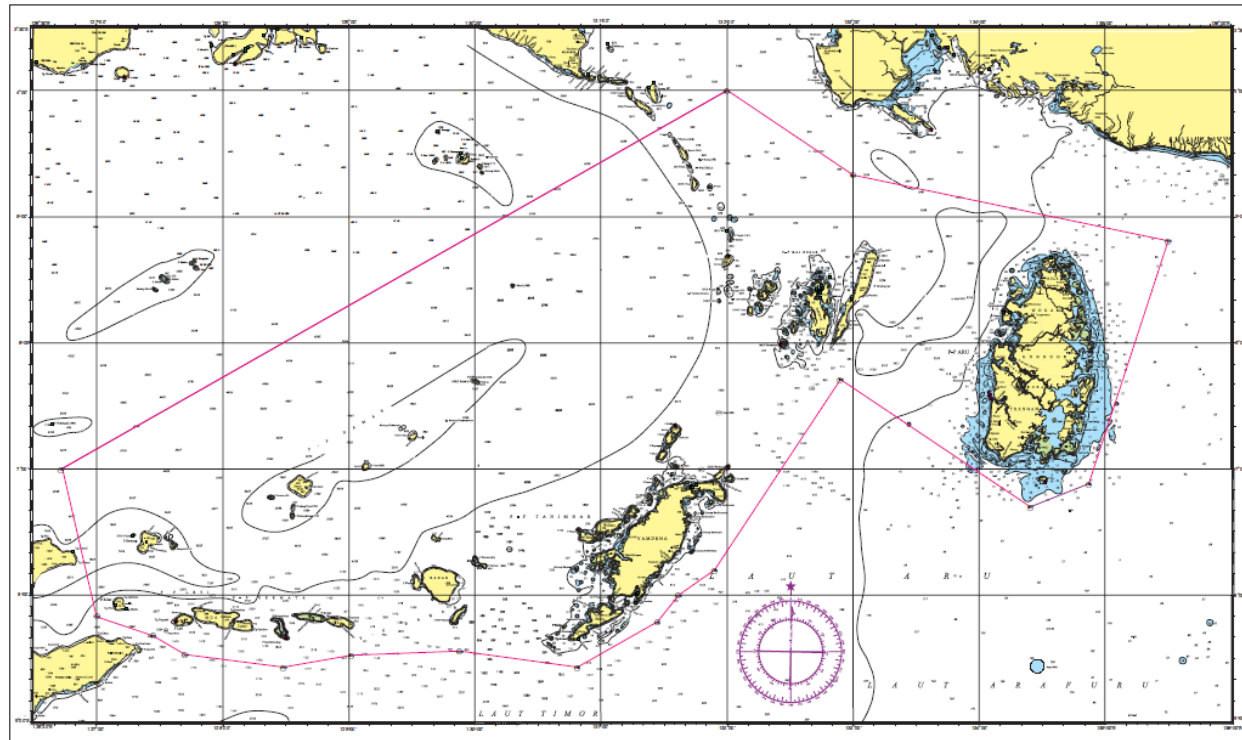
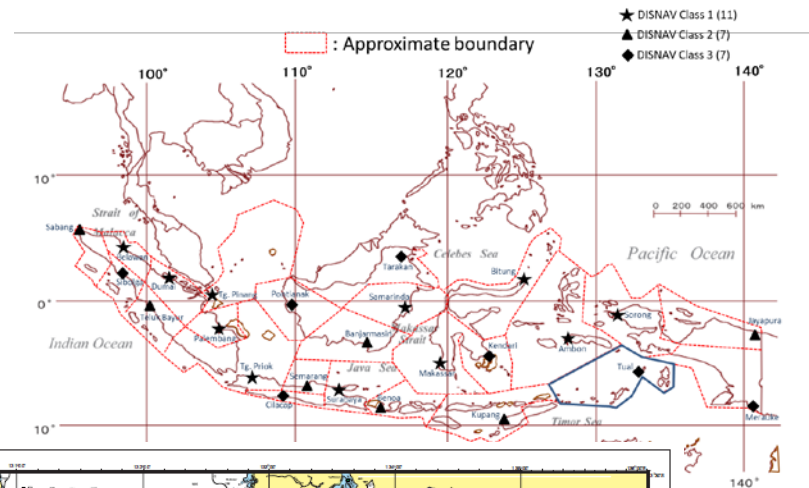
Sheet ② Reporting Format For List of Existing/Planned VTS
Lembar ② (Format Pelaporan Daftar VTS yang telah ada / VTS yang direncanakan)

District : Sorong (22)

Reference Number (Nomer Referensi)	1 Segment (Existing/Planned) (Telah Ada/ Direncanakan)	Location of Center (Lokasi)		Type of VTS (Tipe VTS)		3 Facilities (Jumlah Fasilitas)								
		Name of VTS (Nama VTS)	Position (Posisi)		2 VTS Area	Purpose (Multiple Answers) / Maksud Tujuan (Jawaban Ganda)	Operation Center / Pusat Operasi	Radar	AIS	CCTC	Meteorological Instrument (Instrumen Meteorologi)	VHF	Traffic/Tidal Signal (Lalu Lintas/ Sinyal Pasang Surut)	Other (Fill out) (Lainnya (Diisi))
			Longitude Garis Bujur	Latitude Garis Lintang										
1	a Existing (Telah ada)	Sorong VTS	S 00-53-11.00	E 131-16-06.09	b Port/Harbour (Pelabuhan)	c INS, NAS	0	1	2	0	0	2	0	
2	a Existing (Telah ada)	Birtuni VTS	S 02-26-41.62	E 133-07-17.68	b Port/Harbour (Pelabuhan)	c INS, NAS	0	1	2	1	1	2	0	

25 DISNAV Tual

Outline of DISNAV Service Area



1-A Summary Table for Planned VTS

25 DISNAV Tual

No	Name (Place)	Type	Location		Other		
			Latitude	Longitude			
1	Tual VTS	Port/Harbor	05° 38' 27.0" S	132° 44' 12.0" E			
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	2	2	2	1	2	0	

No	Name (Place)	Type	Location		Other		
			Latitude	Longitude			
2	Dobo VTS	Port/Harbor	05° 45' 32.0" S	134° 13' 09.0" E			
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	2	2	2	1	2	0	

No	Name (Place)	Type	Location		Other
			Latitude	Longitude	
3	Saumlaki VTS	Port/Harbor	07° 58' 54.0" S	131° 17' 45.0" E	

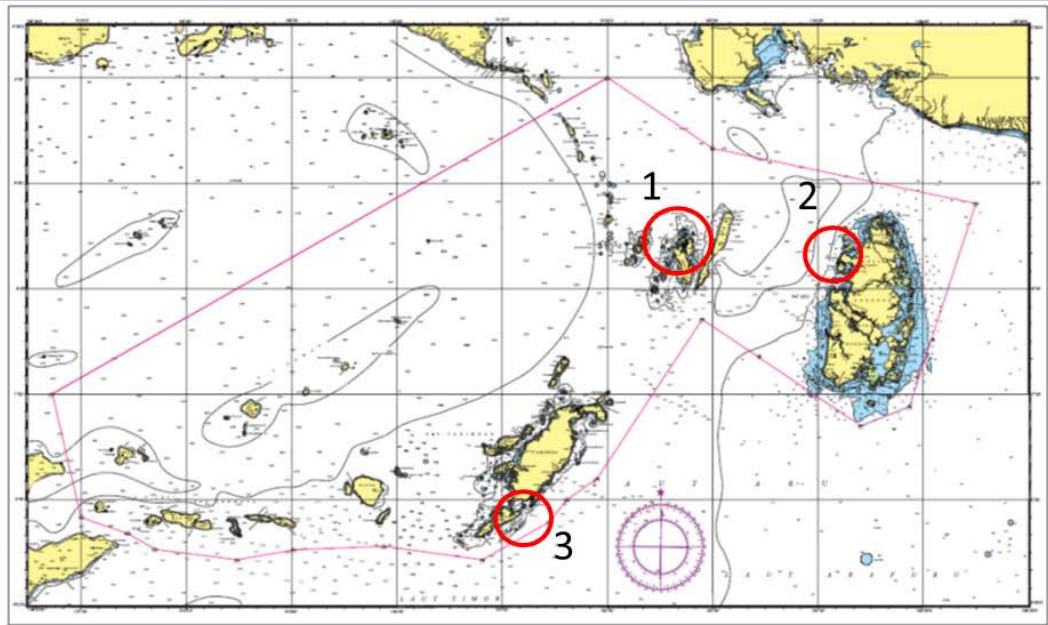
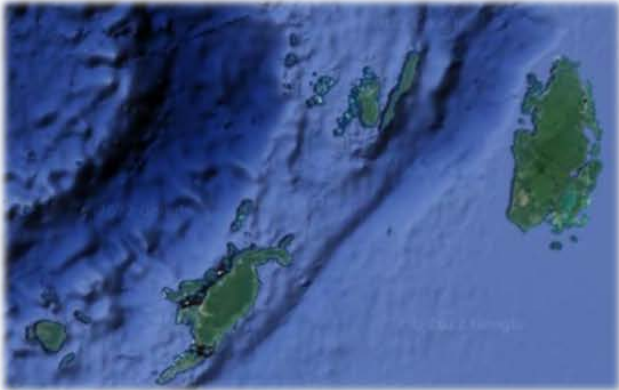
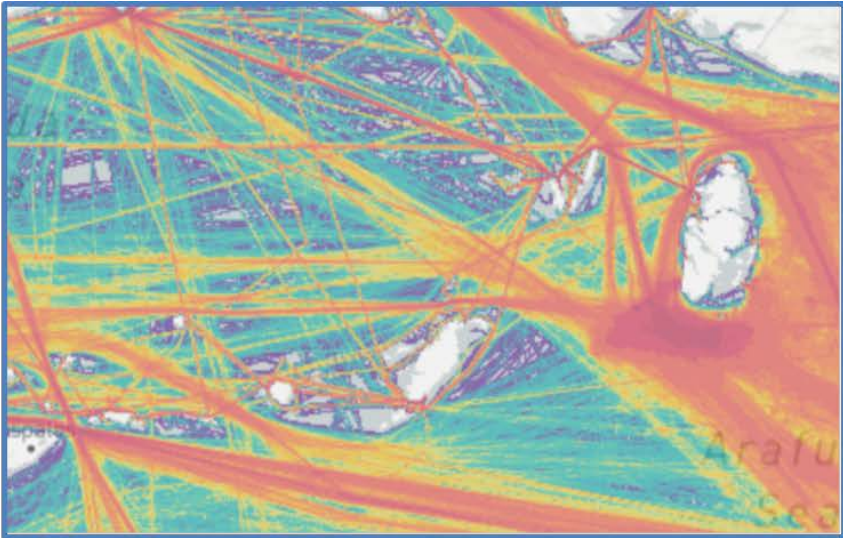
Facilities							
Operation Center	Radar	AIS	CCTV	Meteorological Instrument	VHF	Traffic/Tidal Signal	Other
1	2	2	2	1	2	0	

1-B Outline Map of Planned VTS

25 DISNAV Tual

Planned VTS

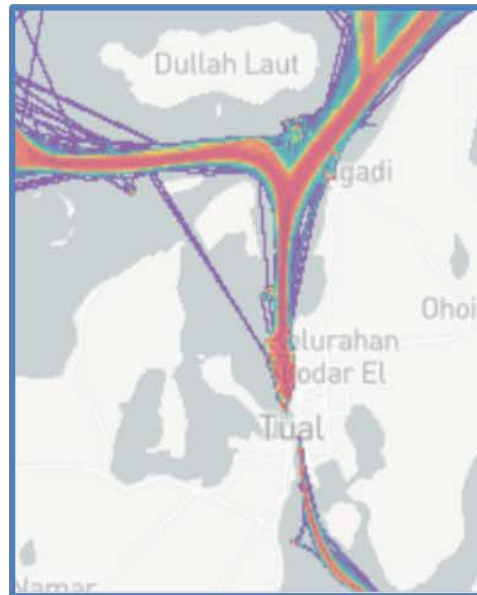
- 1 Tual
 - 2 Dobo
 - 3 Saumlaki
- 1 (05 38 27.0 S 132 44 12.0 E)*
2 (05 45 32.0 S 134 13 09.0 E)
3 (07 58 54.0 S 131 17 45.0 E)



Planned VTS

1 Tual

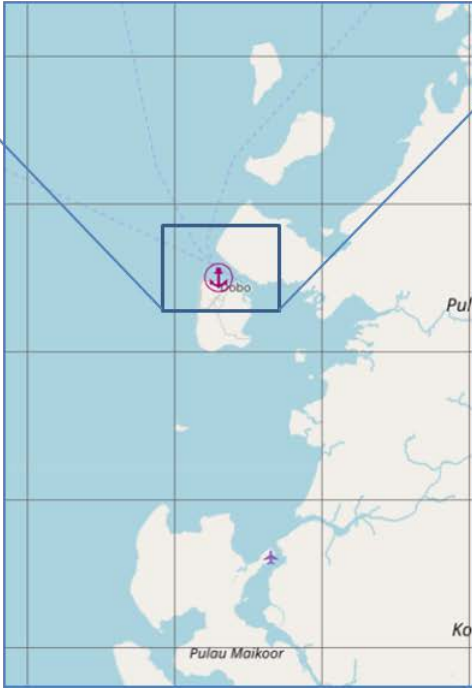
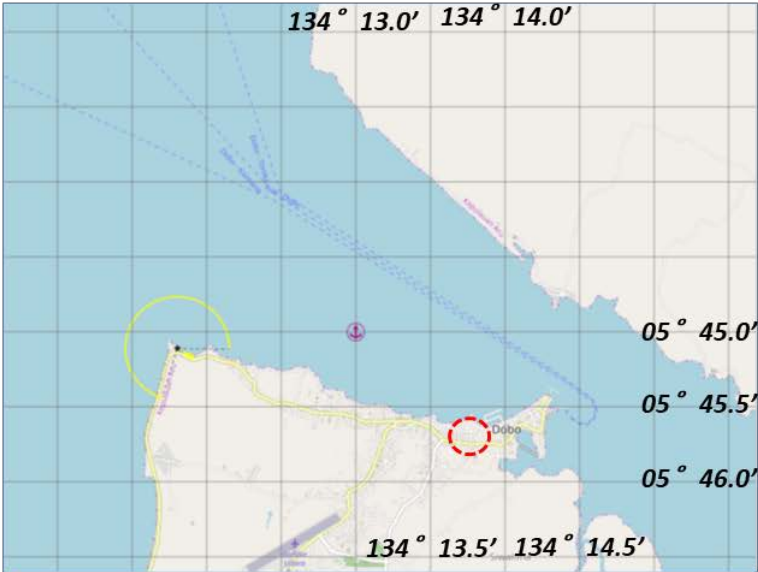
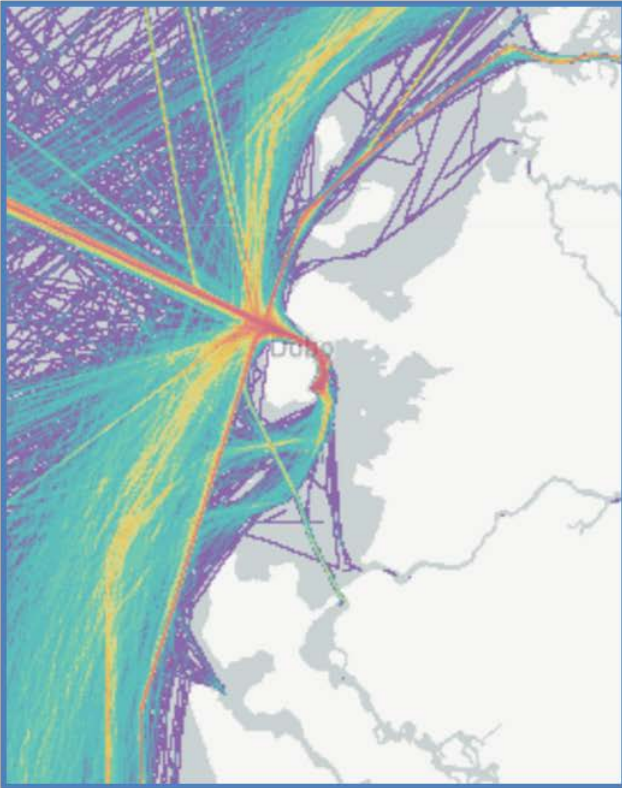
($05^{\circ} 38' 27.0'' S$ $132^{\circ} 44' 12.0'' E$)



Planned VTS

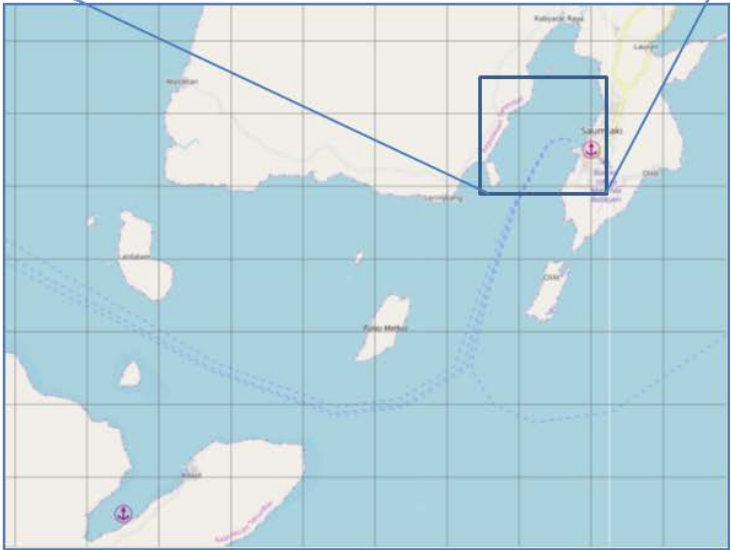
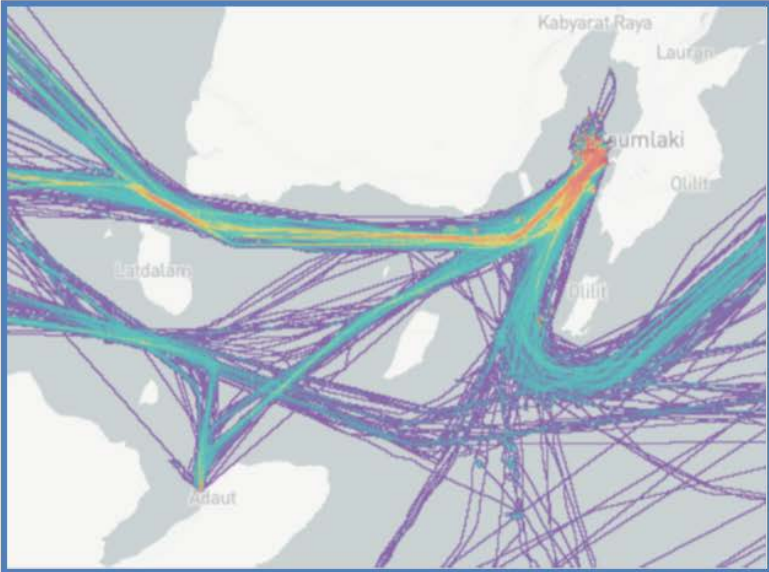
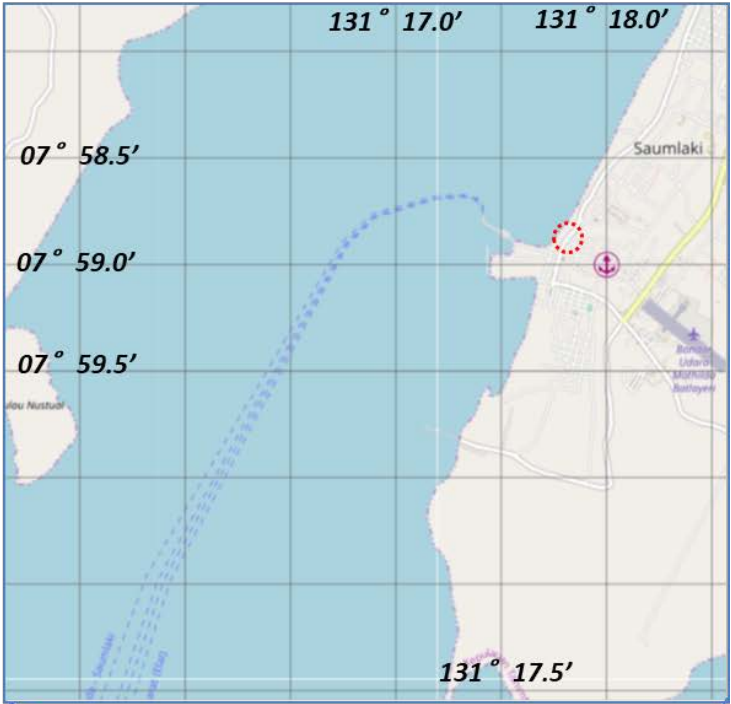
2 Dobo

(05° 45' 32.0" S 134° 13' 09.0" E)



Planned VTS

3 Saumlaki
(07 58 54.0 S 131 17 45.0 E)



Sheet ② Reporting Format For List of Existing/Planned VTS
 Lembar ② (Format Pelaporan Daftar VTS yang telah ada / VTS yang direncanakan)

District : Tual (25)

Reference Number (Nomer Referensi)	1 Segment (Existing/Planned) (Telah Ada/ Direncanakan)	Location of Center (Lokasi)			Type of VTS (Tipe VTS)		3 Facilities (Jumlah Fasilitas)								Legal Basis (Regulasi/Hukum) (Diisi)
		Name of VTS (Nama VTS)	Position (Posisi)		2 VTS Area	Purpose (Multiple Answers) / Maksud Tujuan (Jawaban Ganda)	Operation Center / Pusat Operasi	Radar	AIS	CCTC	Meteorological Instrument (Instrumen Meteorologi)	VHF	Traffic/Tidal Signal (Lalu Lintas/ Sinyal Pasang Surut)	Other (Fill out) (Lainnya (Diisi))	
			Longitude Garis Bujur	Latitude Garis Lintang											
1	b Planning (Rencana/Pembangunan Baru)	Tual	05-38-27.0 S	132-44-12.0 E	b Port/Harbour (Pelabuhan)	b INS, TOS, NAS	1	2	2	2	1	2	0	Other (Fill out) (Lainnya (Diisi))	Local Maritime Regulation
2	b Planning (Rencana/Pembangunan Baru)	Dobo	05-45-32.0 S	134-13-09.0 E	b Port/Harbour (Pelabuhan)	b INS, TOS, NAS	1	2	2	2	1	2	0	Other (Fill out) (Lainnya (Diisi))	Local Maritime Regulation
3	b Planning (Rencana/Pembangunan Baru)	Saumlaki	07-58-54.0 S	131-17-45.0 E	b Port/Harbour (Pelabuhan)	b INS, TOS, NAS	1	2	2	2	1	2	0	Other (Fill out) (Lainnya (Diisi))	Local Maritime Regulation

Appendix 4.1.7 -1

Budget Table of DISNAV

Budget Table according to the Items of works

(AtoN)

DISNAV 1 -25

Table of Establishment Plan for AtoN

(1/9)

No.	DISNAV	Nominated Area	Planned AtoN	Item	Implementation (AtoN)						Reference	
					2024	2025	2026	2027	2028	Subsequent Year til 2040		
1	Sabang (II)	2	4	Hearing Survey						IDR 490.00M	Pulau Slumat Ache	
				Feasibly Study	IDR 830.00M		IDR 830.00M					
				Implementation Design								
				Construction		IDR 3,000.00M		IDR 3,000.00M	IDR 1,750.00M			
				Budget	IDR 830.M	IDR 3,000.M	IDR 830.M	IDR 3,000.M	IDR 1,750.M	IDR 490.M		IDR 9,900.M
2	Belawan (I)	0	0	Hearing Survey	IDR 245.00M		IDR 245.00M		IDR 245.00M	IDR 490.00M		
				Feasibly Study								
				Implementation Design								
				Construction								
				Budget	IDR 245.M		IDR 245.M		IDR 245.M	IDR 490.M	IDR 1,225.M	
3	Sibolga (III)	0	0	Hearing Survey	IDR 245.00M		IDR 245.00M		IDR 245.00M	IDR 490.00M		
				Feasibly Study								
				Implementation Design								
				Construction								
				Budget	IDR 245.M		IDR 245.M		IDR 245.M	IDR 490.M	IDR 1,225.M	

Table of Establishment Plan for Aton

(2/9)

No.	DISNAV	Nominated Area	Planned Aton	Item	Implementation (Aton)						Reference		
					2024	2025	2026	2027	2028	Subsequent Year til 2040			
4	Teluk Bayur (I)	2	3	Hearing Survey				IDR 245.00M			IDR 490.00M		
				Feasibly Study	IDR 830.00M								
				Implementation Design									
				Construction		IDR 1,000.00M							
				Budget	IDR 830.M	IDR 1,000.M	IDR 1,500.M	IDR 245.M		IDR 490.M	IDR 4,065.M		
5	Tg. Pinang (I)	3	-----	Hearing Survey	IDR 245.00M		IDR 245.00M		IDR 245.00M		IDR 490.00M		
				Feasibly Study	IDR 670.00M								
				Implementation Design									
				Construction									
				Budget	IDR 915.M		IDR 245.M		IDR 245.M	IDR 490.M	IDR 1,895.M		
6	Dumai (I)	3	7	Hearing Survey			IDR 245.00M		IDR 245.00M		IDR 490.00M		
				Feasibly Study	IDR 830.00M								
				Implementation Design									
				Construction		IDR 1,500.00M	IDR 1,500.00M	IDR 1,500.00M	IDR 1,000.00M				
				Budget	IDR 830.M	IDR 1,500.M	IDR 1,745.M	IDR 1,500.M	IDR 1,245.M	IDR 490.M	IDR 7,310.M		

Table of Establishment Plan for AtoN

(3/9)

No.	DISNAV	Nominated Area	Planned AtoN	Item	Implementation (AtoN)						Reference
					2024	2025	2026	2027	2028	Subsequent Year til 2040	
7	Palembang (I)	0	0	Hearing Survey	IDR 245.00M		IDR 245.00M		IDR 245.00M	IDR 490.00M	
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget	IDR 245.M		IDR 245.M		IDR 245.M	IDR 490.M	IDR 1,225.M
8	Pontianak (III)	1	-----	Hearing Survey			IDR 245.00M		IDR 245.00M	IDR 490.00M	
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget			IDR 245.M		IDR 245.M	IDR 490.M	IDR 980.M
9	Tg. Priok (I)	2	7	Hearing Survey			IDR 245.00M		IDR 245.00M	IDR 490.00M	
				Feasibly Study	IDR 830.00M		IDR 670.00M				
				Implementation Design			IDR 180.00M				
				Construction		IDR 3,000.00M	IDR 2,000.00M	IDR 1,000.00M			
				Budget	IDR 830.M	IDR 3,670.M	IDR 2,425.M	IDR 1,000.M	IDR 245.M	IDR 490.M	IDR 8,660.M

Table of Establishment Plan for AtoN

(4/9)

No.	DISNAV	Nominated Area	Planned AtoN	Item	Implementation (AtoN)					Reference	
					2024	2025	2026	2027	2028		Subsequent Year til 2040
10	Cilacap (III)	2	2	Hearing Survey			IDR 245.00M		IDR 245.00M	IDR 490.00M	
				Feasibly Study	IDR 830.00M						
				Implementation Design							
				Construction		IDR 1,000.00M	IDR 1,000.00M				
				Budget	IDR 830.M	IDR 1,000.M	IDR 1,245.M		IDR 245.M	IDR 490.M	IDR 3,810.M
11	Semarang (II)	2	8	Hearing Survey			IDR 245.00M		IDR 245.00M	IDR 490.00M	
				Feasibly Study	IDR 830.00M						
				Implementation Design							
				Construction		IDR 4,000.00M	IDR 3,000.00M				
				Budget	IDR 830.M	IDR 4,830.M	IDR 3,245.M		IDR 245.M	IDR 490.M	IDR 9,640.M
12	Surabaya (I)	1	-----	Hearing Survey			IDR 245.00M		IDR 245.00M	IDR 490.00M	
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget			IDR 245.M		IDR 245.M	IDR 490.M	IDR 980.M

Table of Establishment Plan for Aton

(5/9)

No.	DISNAV	Nominated Area	Planned Aton	Item	Implementation (Aton)						Reference
					2024	2025	2026	2027	2028	Subsequent Year til 2040	
13	Benoa (II)	6	15	Hearing Survey				IDR 245.00M		IDR 490.00M	
				Feasibly Study	IDR 830.00M	IDR 830.00M	IDR 830.00M				
				Implementation Design							
				Construction		IDR 3,000.00M	IDR 3,750.00M	IDR 3,000.00M	IDR 2,250.00M		
				Budget	IDR 830.M	IDR 3.830.M	IDR 4.580.M	IDR 3.245.M	IDR 2.250.M	IDR 490.M	IDR 15.225.M
14	Kupang (II)	0	0	Hearing Survey	IDR 245.00M		IDR 245.00M		IDR 245.00M	IDR 490.00M	
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget	IDR 245.M		IDR 245.M		IDR 245.M	IDR 490.M	IDR 1,225.M
15	Banjarmashin (II)	0	0	Hearing Survey	IDR 245.00M		IDR 245.00M		IDR 245.00M	IDR 490.00M	
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget	IDR 245.M		IDR 245.M		IDR 245.M	IDR 490.M	IDR 1,225.M

Table of Establishment Plan for AtoN

(6/9)

No.	DISNAV	Nominated Area	Planned AtoN	Item	Implementation (AtoN)						Reference
					2024	2025	2026	2027	2028	Subsequent Year til 2040	
16	Tarakan (III)	0	0	Hearing Survey		IDR 245.00M	IDR 245.00M		IDR 245.00M	IDR 490.00M	
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget		IDR 245.M	IDR 245.M		IDR 245.M	IDR 490.M	IDR 1,225.M
17	Samarinda (I)	2	10	Hearing Survey				IDR 245.00M		IDR 490.00M	
				Feasibly Study	IDR 830.00M						
				Implementation Design							
				Construction		IDR 2,250.00M	IDR 3,000.00M	IDR 2,250.00M			
				Budget	IDR 830.M	IDR 2,250.M	IDR 3,830.M	IDR 2,495.M		IDR 490.M	IDR 9,895.M
18	Makassar (I)	3	8	Hearing Survey					IDR 245.00M	IDR 490.00M	
				Feasibly Study	IDR 830.00M	IDR 830.00M	IDR 830.00M				
				Implementation Design							
				Construction		IDR 1,000.00M	IDR 4,000.00M	IDR 2,250.00M			
				Budget	IDR 830.M	IDR 1,830.M	IDR 4,830.M	IDR 2,250.M	IDR 245.M	IDR 490.M	IDR 10,475.M

Table of Establishment Plan for AtoN

(7/9)

No.	DISNAV	Nominated Area	Planned AtoN	Item	Implementation (AtoN)						Reference
					2024	2025	2026	2027	2028	Subsequent Year til 2040	
19	Kendari (III)	0	0	Hearing Survey			IDR 245.00M		IDR 245.00M	IDR 490.00M	
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget			IDR 245.M		IDR 245.M	IDR 490.M	IDR 980.M
20	Bitung (I)	0	0	Hearing Survey			IDR 245.00M		IDR 245.00M	IDR 490.00M	
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget			IDR 245.M		IDR 245.M	IDR 490.M	IDR 1,225.M
21	Ambon (I)	2	4	Hearing Survey		IDR 245.00M		IDR 245.00M		IDR 490.00M	
				Feasibly Study			IDR 670.00M				
				Implementation Design		IDR 180.00M		IDR 180.00M			
				Construction			IDR 3,000.00M	IDR 2,400.00M	IDR 3,000.00M		
				Budget		IDR 670.M	IDR 425.M	IDR 3,670.M	IDR 2,825.M	IDR 3,000.M	IDR 490.M

Table of Establishment Plan for AtoN

(8/9)

No.	DISNAV	Nominated Area	Planned AtoN	Item	Implementation (AtoN)						Reference
					2024	2025	2026	2027	2028	Subsequent Year til 2040	
22	Sorong (I)	0	0	Hearing Survey	IDR 245.00M		IDR 245.00M		IDR 245.00M	IDR 490.00M	
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget	IDR 245.M		IDR 245.M		IDR 245.M		IDR 1,225.M
23	Jayapura (II)	5	21	Hearing Survey					IDR 245.00M	IDR 490.00M	
				Feasibly Study	IDR 830.00M	IDR 830.00M	IDR 830.00M				
				Implementation Design							
				Construction		IDR 2,500.00M	IDR 3,000.00M	IDR 3,000.00M	IDR 3,000.00M		
				Budget	IDR 830.M	IDR 3,330.M	IDR 3,830.M	IDR 3,000.M	IDR 3,245.M	IDR 490.M	IDR 14,725.M
24	Merauke (III)	0	0	Hearing Survey	IDR 245.00M		IDR 245.00M		IDR 245.00M	IDR 490.00M	
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget	IDR 245.M		IDR 245.M		IDR 245.M		IDR 1,225.M

Table of Establishment Plan for AtoN

(9/9)

No.	DISNAV	Nominated Area	Planned AtoN	Item	Implementation (AtoN)						Reference		
					2024	2025	2026	2027	2028	Subsequent Year til 2040			
25	Tual (III)	0	0	Hearing Survey			IDR 245.00M		IDR 245.00M	IDR 490.00M			
				Feasibly Study									
				Implementation Design									
				Construction									
				Budget			IDR 245.M		IDR 245.M		IDR 490.M	IDR 980.M	

Table of Establishment Plan for AtoN

No.	DISNAV	Nominated Area	Planned AtoN	Item	Implementation Cost (AtoN)						Total		
					2024	2025	2026	2027	2028	Subsequent Year til 2040			
1	DISNAV (1-25)	36	89	Hearing Survey	IDR 2,205M	IDR 490M	IDR 4,410M	IDR 980M	IDR 4,900M	IDR 12,250M	IDR 25,235M		
				Feasibly Study	IDR 9,640M	IDR 3,990M	IDR 4,820M					IDR 18,450M	
				Implementation Design		IDR 180M	IDR 180M	IDR 180M					IDR 540M
				Construction		IDR 22,250M	IDR 25,750M	IDR 18,400M	IDR 11,000M				IDR 77,400M
				Budget		IDR 26,910M	IDR 35,160M	IDR 19,560M	IDR 15,900M				IDR 121,625M

Table of Budget Plan for AtoN

No.	DISNAV	Nominated Area	Planned AtoN	Implementation Cost (AtoN)						Total
				2024	2025	2026	2027	2028	Subsequent Year til 2040	
1	Sabang (II)	2	4	IDR 830.00M	IDR 3,000.00M	IDR 830.00M	IDR 3,000.00M	IDR 1,750.00M	IDR 490.00M	<i>IDR 9,900.00M</i>
2	Belawan (I)	0	0	IDR 245.00M		IDR 245.00M		IDR 245.00M	IDR 490.00M	<i>IDR 1,225.00M</i>
3	Sibolga (III)	0	0	IDR 245.00M		IDR 245.00M		IDR 245.00M	IDR 490.00M	<i>IDR 1,225.00M</i>
4	Teluk Bayur (I)	2	3	IDR 830.00M	IDR 1,000.00M	IDR 1,500.00M	IDR 245.00M		IDR 490.00M	<i>IDR 4,065.00M</i>
5	Tg. Pinang (I)	3	----	IDR 915.00M		IDR 245.00M		IDR 245.00M	IDR 490.00M	<i>IDR 1,895.00M</i>
6	Dumai (I)	3	7	IDR 830.00M	IDR 1,500.00M	IDR 1,745.00M	IDR 1,500.00M	IDR 1,245.00M	IDR 490.00M	<i>IDR 7,310.00M</i>
7	Palembang (I)	0	0	IDR 245.00M		IDR 245.00M		IDR 245.00M	IDR 490.00M	<i>IDR 1,225.00M</i>
8	Pontianak (III)	1	----			IDR 245.00M		IDR 245.00M	IDR 490.00M	<i>IDR 980.00M</i>
9	Tg. Priok (I)	2	7	IDR 830.00M	IDR 3,670.00M	IDR 2,425.00M	IDR 1,000.00M	IDR 245.00M	IDR 490.00M	<i>IDR 8,660.00M</i>
10	Cilacap (III)	2	2	IDR 830.00M	IDR 1,000.00M	IDR 1,245.00M		IDR 245.00M	IDR 490.00M	<i>IDR 3,810.00M</i>
11	Semarang (II)	2	8	IDR 830.00M	IDR 4,830.00M	IDR 3,245.00M		IDR 245.00M	IDR 490.00M	<i>IDR 9,640.00M</i>
12	Surabaya (I)	1	----			IDR 245.00M		IDR 245.00M	IDR 490.00M	<i>IDR 980.00M</i>
13	Benoa (II)	6	15	IDR 830.00M	IDR 3,830.00M	IDR 4,580.00M	IDR 3,245.00M	IDR 2,250.00M	IDR 490.00M	<i>IDR 15,225.00M</i>
14	Kupang (II)	0	0	IDR 245.00M		IDR 245.00M		IDR 245.00M	IDR 490.00M	<i>IDR 1,225.00M</i>
15	Banjarmashin (II)	0	0	IDR 245.00M		IDR 245.00M		IDR 245.00M	IDR 490.00M	<i>IDR 1,225.00M</i>
16	Tarakan (III)	0	0		IDR 245.00M	IDR 245.00M		IDR 245.00M	IDR 490.00M	<i>IDR 1,225.00M</i>
17	Samarinda (I)	2	10	IDR 830.00M	IDR 2,250.00M	IDR 3,830.00M	IDR 2,495.00M		IDR 490.00M	<i>IDR 9,895.00M</i>
18	Makassar (I)	3	8	IDR 830.00M	IDR 1,830.00M	IDR 4,830.00M	IDR 2,250.00M	IDR 245.00M	IDR 490.00M	<i>IDR 10,475.00M</i>
19	Kendari (III)	0	0			IDR 245.00M		IDR 245.00M	IDR 490.00M	<i>IDR 980.00M</i>
20	Bitung (I)	0	0	IDR 245.00M		IDR 245.00M		IDR 245.00M	IDR 490.00M	<i>IDR 1,225.00M</i>
21	Ambon (I)	2	4	IDR 670.00M	IDR 425.00M	IDR 3,670.00M	IDR 2,825.00M	IDR 3,000.00M	IDR 490.00M	<i>IDR 11,080.00M</i>
22	Sorong (I)	0	0	IDR 245.00M		IDR 245.00M		IDR 245.00M	IDR 490.00M	<i>IDR 1,225.00M</i>
23	Jayapura (II)	5	21	IDR 830.00M	IDR 3,330.00M	IDR 3,830.00M	IDR 3,000.00M	IDR 3,245.00M	IDR 490.00M	<i>IDR 14,725.00M</i>
24	Merauke (III)	0	0	IDR 245.00M		IDR 245.00M		IDR 245.00M	IDR 490.00M	<i>IDR 1,225.00M</i>
25	Tual (III)	0	0			IDR 245.00M		IDR 245.00M	IDR 490.00M	<i>IDR 980.00M</i>
	Total	36	89	<i>IDR 11,845.00M</i>	<i>IDR 26,910.00M</i>	<i>IDR 35,160.00M</i>	<i>IDR 19,560.00M</i>	<i>IDR 15,900.00M</i>	<i>IDR 12,250.00M</i>	<i>IDR 121,625.00M</i>

Budget Table according to the Items of works

(VTS)

DISNAV 1 -25

Table of Establishment Plan for VTS

(1/9)

No.	DISNAV	Nominated Area	Planned VTS	Item	Implementation (VTS)						Reference	
					2024	2025	2026	2027	2028	Subsequent Year til 2040		
1	Sabang (II)	1	1	Hearing Survey				IDR 245.00M		IDR 490.00M		
				Feasibly Study	IDR 670.00M							
				Implementation Design		IDR 180.00M						
				Construction			IDR 6,000.00M	IDR 16,300.00M	IDR 710.00M		© : Training	
				Budget	IDR 670.00M	IDR 180.00M	IDR 6,000.00M	IDR 16,545.00M	IDR 710.00M	IDR 490.00M	IDR 24,595.00M	
2	Belawan (I)	0	0	Hearing Survey		IDR 245.00M		IDR 245.00M		IDR 490.00M	Existing 1	
				Feasibly Study								
				Implementation Design								
				Construction								
				Budget		IDR 245.00M		IDR 245.00M		IDR 490.00M	IDR 980.00M	
3	Sibolga (III)	0	0	Hearing Survey		IDR 245.00M		IDR 245.00M		IDR 490.00M	No VTS	
				Feasibly Study								
				Implementation Design								
				Construction								
				Budget		IDR 245.00M		IDR 245.00M		IDR 490.00M	IDR 980.00M	

Table of Establishment Plan for VTS

(2/9)

No.	DISNAV	Nominated Area	Planned VTS	Item	Implementation (VTS)						Reference
					2024	2025	2026	2027	2028	Subsequent Year til 2040	
4	Teluk Bayur (I)	0	0	Hearing Survey		IDR 245.00M			IDR 245.00M	IDR 490.00M	Existing 1
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget		IDR 245.00M			IDR 245.00M		IDR 490.00M
5	Tg. Pinang (I)	13	3	Hearing Survey	IDR 245.00M					IDR 490.00M	Existing 1
				Feasibly Study	IDR 670.00M						
				Implementation Design		IDR 180.00M					
				Construction			IDR 6,000.00M	IDR 14,710.00M			© Training
				Budget	IDR 915.00M	IDR 180.00M	IDR 6,000.00M	IDR 14,710.00M		IDR 490.00M	IDR 22,295.00M
6	Dumai (I)	0	0	Hearing Survey		IDR 245.00M			IDR 245.00M	IDR 490.00M	Existing 1
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget		IDR 245.00M				IDR 245.00M	IDR 490.00M

Table of Establishment Plan for VTS

(3/9)

No.	DISNAV	Nominated Area	Planned VTS	Item	Implementation (VTS)						Reference
					2024	2025	2026	2027	2028	Subsequent Year til 2040	
7	Palembang (I)	0	0	Hearing Survey		IDR 245.00M		IDR 245.00M		IDR 490.00M	
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget		IDR 245.00M		IDR 245.00M		IDR 490.00M	
8	Pontianak (III)	2	-----	Hearing Survey	IDR 245.00M			IDR 245.00M		IDR 490.00M	Existing 1
				Feasibly Study		IDR 670.00M					
				Implementation Design							
				Construction							
				Budget	IDR 245.00M	IDR 670.00M		IDR 245.00M		IDR 490.00M	
9	Tg. Priok (I)	1	1	Hearing Survey	IDR 245.00M					IDR 490.00M	Existing 4
				Feasibly Study	IDR 830.00M						
				Implementation Design							
				Construction		IDR 8,000.00M	IDR 14,300.00M	IDR 710.00M			
				Budget	IDR 1,075.00M	IDR 8,000.00M	IDR 14,300.00M	IDR 710.00M		IDR 490.00M	

Table of Establishment Plan for VTS

(4/9)

No.	DISNAV	Nominated Area	Planned VTS	Item	Implementation (VTS)						Reference
					2024	2025	2026	2027	2028	Subsequent Year til 2040	
10	Cilacap (III)	0	0	Hearing Survey		IDR 245.00M		IDR 245.00M		IDR 490.00M	
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget		IDR 245.00M		IDR 245.00M		IDR 490.00M	
11	Semarang (II)	0	0	Hearing Survey		IDR 245.00M		IDR 245.00M		IDR 490.00M	
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget		IDR 245.00M		IDR 245.00M		IDR 490.00M	
12	Surabaya (I)	0	0	Hearing Survey		IDR 245.00M		IDR 245.00M		IDR 490.00M	Existing 1
				Feasibly Study		IDR 670.00M					
				Implementation Design							
				Construction							
				Budget		IDR 245.00M		IDR 245.00M		IDR 490.00M	

Table of Establishment Plan for VTS

(5/9)

No.	DISNAV	Nominated Area	Planned VTS	Item	Implementation (VTS)						Reference	
					2024	2025	2026	2027	2028	Subsequent Year till 2040		
13	Benoa (II)	0	0	Hearing Survey					IDR 245.00M	IDR 490.00M	Existing 2	
				Feasibly Study								
				Implementation Design								
				Construction								
				Budget					IDR 245.00M		IDR 490.00M	
14	Kupang (II)	0	0	Hearing Survey	IDR 245.00M				IDR 245.00M			
				Feasibly Study		IDR 670.00M						Labuan Bajo
				Implementation Design			IDR 180.00M					
				Construction				IDR 6,000.00M	IDR 16,300.00M	IDR 710.00M		
				Budget	IDR 245.00M	IDR 670.00M	IDR 180.00M	IDR 6,245.00M	IDR 16,300.00M	IDR 1,200.00M		
15	Banjarmashin (II)	0	0	Hearing Survey		IDR 245.00M		IDR 245.00M		IDR 490.00M	Existing 2	
				Feasibly Study								
				Implementation Design								
				Construction								
				Budget		IDR 245.00M		IDR 245.00M		IDR 245.00M		IDR 490.00M

Table of Establishment Plan for VTS

(6/9)

No.	DISNAV	Nominated Area	Planned VTS	Item	Implementation (VTS)						Reference		
					2024	2025	2026	2027	2028	Subsequent Year til 2040			
16	Tarakan (III)	1	1	Hearing Survey	IDR 245.00M						IDR 490.00M		
				Feasibly Study	IDR 670.00M								
				Implementation Design		IDR 180.00M							
				Construction			IDR 6,000.00M	IDR 16,300.00M	IDR 710.00M				
				Budget	IDR 915.00M	IDR 180.00M	IDR 6,000.00M	IDR 16,300.00M	IDR 710.00M	IDR 490.00M			IDR 24,595.00M
17	Samarinda (I)	2	3	Hearing Survey	IDR 245.00M				IDR 245.00M		IDR 490.00M	Existing 2	
				Feasibly Study		IDR 670.00M							
				Implementation Design									
				Construction									
				Budget	IDR 245.00M	IDR 670.00M			IDR 245.00M	IDR 490.00M			IDR 1,650.00M
18	Makassar (I)	0	0	Hearing Survey				IDR 245.00M			IDR 490.00M	Existing 1	
				Feasibly Study									
				Implementation Design									
				Construction									
				Budget					IDR 245.00M	IDR 490.00M			IDR 735.00M

Table of Establishment Plan for VTS

(7/19)

No.	DISNAV	Nominated Area	Planned VTS	Item	Implementation (VTS)						Reference		
					2024	2025	2026	2027	2028	Subsequent Year til 2040			
19	Kendari (III)	1	1	Hearing Survey	IDR 245.00M			IDR 245.00M			IDR 490.00M	IDR 1,650.00M	
				Feasibly Study		IDR 670.00M							
				Implementation Design									
				Construction									
				Budget	IDR 245.00M	IDR 670.00M		IDR 245.00M		IDR 490.00M			
20	Bitung (I)	0	0	Hearing Survey		IDR 245.00M		IDR 245.00M			IDR 490.00M	IDR 980.00M	
				Feasibly Study									
				Implementation Design									
				Construction									
				Budget		IDR 245.00M		IDR 245.00M		IDR 490.00M			
21	Ambon (I)	1	1	Hearing Survey	IDR 245.00M				IDR 245.00M		IDR 490.00M	IDR 1,650.00M	
				Feasibly Study		IDR 670.00M							
				Implementation Design									
				Construction									
				Budget	IDR 245.00M	IDR 670.00M				IDR 490.00M			

Table of Establishment Plan for VTS

(8/9)

No.	DISNAV	Nominated Area	Planned VTS	Item	Implementation (VTS)						Reference
					2024	2025	2026	2027	2028	Subsequent Year til 2040	
22	Sorong (I)	0	0	Hearing Survey		IDR 245.00M		IDR 245.00M		IDR 490.00M	Existing 1
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget		IDR 245.00M		IDR 245.00M		IDR 490.00M	
23	Jayapura (II)	0	0	Hearing Survey		IDR 245.00M			IDR 245.00M		
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget		IDR 245.00M			IDR 245.00M		IDR 490.00M
24	Merauke (III)	0	0	Hearing Survey		IDR 245.00M		IDR 245.00M		IDR 490.00M	
				Feasibly Study							
				Implementation Design							
				Construction							
				Budget		IDR 245.00M			IDR 245.00M		IDR 490.00M

Table of Establishment Plan for VTS

(9/9)

No.	DISNAV	Nominated Area	Planned VTS	Item	Implementation (VTS)						Reference	
					2024	2025	2026	2027	2028	Subsequent Year til 2040		
25	Tual (III)	3	3	Hearing Survey	IDR 490.00M			IDR 245.00M		IDR 490.00M		
				Feasibly Study		IDR 670.00M						
				Implementation Design								
				Construction								
				Budget	IDR 490.00M	IDR 670.00M		IDR 245.00M		IDR 490.00M	IDR 1,895.00M	

Table of Establishment Plan for VTS

No.	DISNAV	Nominated Area	Planned VTS	Item	Implementation (VTS)						Total	
					2024	2025	2026	2027	2028	Subsequent Year till 2040		
1	DISNAV (1-25)	25	14	Hearing Survey	IDR 2,940.00M	IDR 2,695.00M		IDR 3,920.00M	IDR 1,470.00M	IDR 12,250.00M	IDR 23,275.00M	
				Feasibly Study	IDR 2,840.00M	IDR 4,690.00M						IDR 7,530.00M
				Implementation Design		IDR 540.00M	IDR 180.00M					IDR 720.00M
				Construction		IDR 8,000.00M	IDR 32,300.00M	IDR 54,020.00M	IDR 17,720.00M	IDR 710.00M	IDR 112,750.00M	
				Budget	IDR 5,780.00M	IDR 15,925.00M	IDR 32,480.00M	IDR 57,940.00M	IDR 19,190.00M	IDR 12,960.00M	IDR 144,275.00M	

Table of Budget Plan for VTS

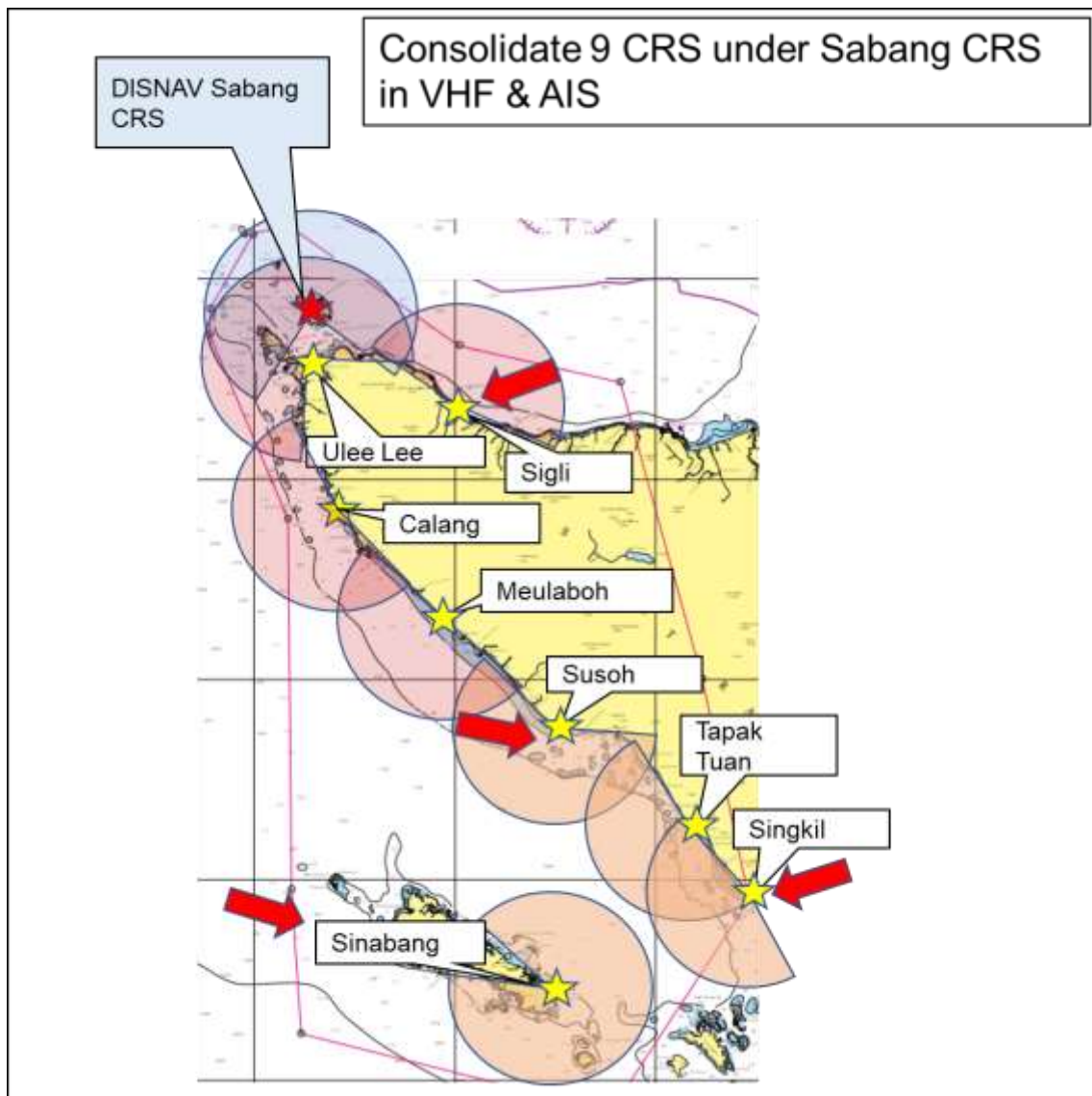
No.	DISNAV	Nominated Area	Planned VTS	Implementation Cost (VTS)						Total
				2024	2025	2026	2027	2028	Subsequent Year til 2040	
1	Sabang (II)	1	1	IDR 670.00M	IDR 180.00M	IDR 6,000.00M	IDR 16,545.00M	IDR 710.00M	IDR 490.00M	IDR 24,595.00M
2	Belawan (I)	0	0		IDR 245.00M		IDR 245.00M		IDR 490.00M	IDR 980.00M
3	Sibolga (III)	0	0		IDR 245.00M		IDR 245.00M		IDR 490.00M	IDR 980.00M
4	Teluk Bayur (I)	0	0		IDR 245.00M			IDR 245.00M	IDR 490.00M	IDR 980.00M
5	Tg. Pinang (I)	13	3	IDR 915.00M	IDR 180.00M	IDR 6,000.00M	IDR 14,710.00M		IDR 490.00M	IDR 22,295.00M
6	Dumai (I)	0	0		IDR 245.00M			IDR 245.00M	IDR 490.00M	IDR 980.00M
7	Palembang (I)	0	0		IDR 245.00M		IDR 245.00M		IDR 490.00M	IDR 980.00M
8	Pontianak (III)	2	----	IDR 245.00M	IDR 670.00M		IDR 245.00M		IDR 490.00M	IDR 1,650.00M
9	Tg. Priok (I)	1	1	IDR 1,075.00M	IDR 8,000.00M	IDR 14,300.00M	IDR 710.00M		IDR 490.00M	IDR 24,575.00M
10	Cilacap (III)	0	0		IDR 245.00M		IDR 245.00M		IDR 490.00M	IDR 980.00M
11	Semarang (II)	0	0	IDR 245.00M			IDR 245.00M		IDR 490.00M	IDR 980.00M
12	Surabaya (I)	0	0	IDR 245.00M	IDR 670.00M		IDR 245.00M		IDR 490.00M	IDR 1,650.00M
13	Benoa (II)	0	0					IDR 245.00M	IDR 490.00M	IDR 735.00M
14	Kupang (II)	0	0	IDR 245.00M	IDR 670.00M	IDR 180.00M	IDR 6,245.00M	IDR 16,300.00M	IDR 1,200.00M	IDR 24,840.00M
15	Banjarmashin (II)	0	0		IDR 245.00M		IDR 245.00M		IDR 490.00M	IDR 980.00M
16	Tarakan (III)	1	1	IDR 915.00M	IDR 180.00M	IDR 6,000.00M	IDR 16,300.00M	IDR 710.00M	IDR 490.00M	IDR 24,595.00M
17	Samarinda (I)	2	3	IDR 245.00M	IDR 670.00M			IDR 245.00M	IDR 490.00M	IDR 1,650.00M
18	Makassar (I)	0	0				IDR 245.00M		IDR 490.00M	IDR 735.00M
19	Kendari (III)	1	1	IDR 245.00M	IDR 670.00M		IDR 245.00M		IDR 490.00M	IDR 1,650.00M
20	Bitung (I)	0	0		IDR 245.00M		IDR 245.00M		IDR 490.00M	IDR 980.00M
21	Ambon (I)	1	1	IDR 245.00M	IDR 670.00M			IDR 245.00M	IDR 490.00M	IDR 1,650.00M
22	Sorong (I)	0	0		IDR 245.00M		IDR 245.00M		IDR 490.00M	IDR 980.00M
23	Jayapura (II)	0	0		IDR 245.00M			IDR 245.00M	IDR 490.00M	IDR 980.00M
24	Merauke (III)	0	0		IDR 245.00M		IDR 245.00M		IDR 490.00M	IDR 980.00M
25	Tual (III)	3	3	IDR 490.00M	IDR 670.00M		IDR 245.00M		IDR 490.00M	IDR 1,895.00M
	Total	25	14	IDR 5,780.00M	IDR 15,925.00M	IDR 32,480.00M	IDR 57,940.00M	IDR 19,190.00M	IDR 12,960.00M	IDR 144,275.00M

Appendix 4.2.11 -1

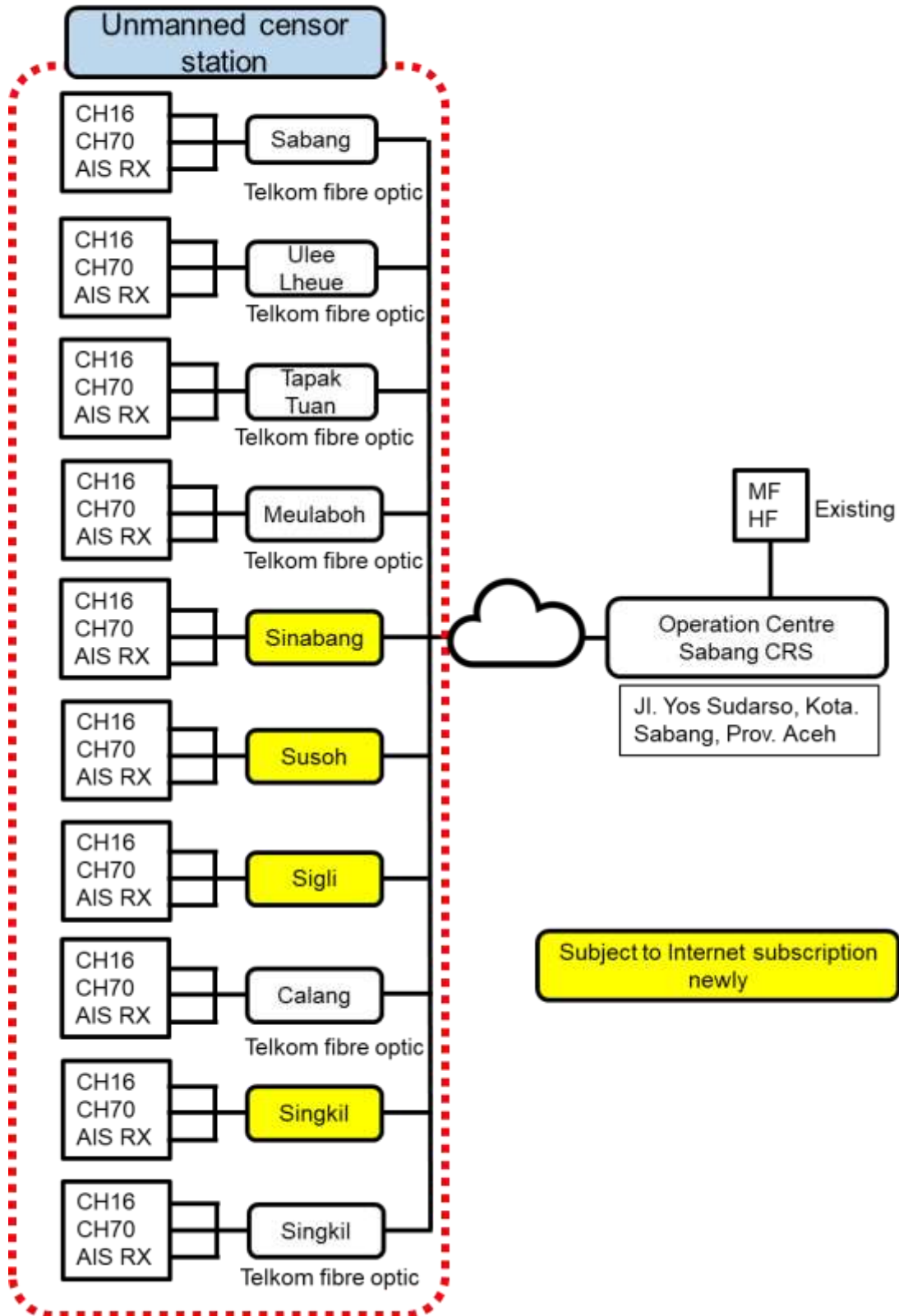
Consolidation Plan for each DISNAV

DISNAV Sabang

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
1	DISNAV Class II Sabang	1	Sabang	X		X	X	X		
		2	Ule lee							X
		3	Tapak Tuan							X
		4	Meulaboh							X
		5	Sinabang							X
		6	Susoh							X
		7	Sigli							X
		8	Calang							X
		9	Singkil							X

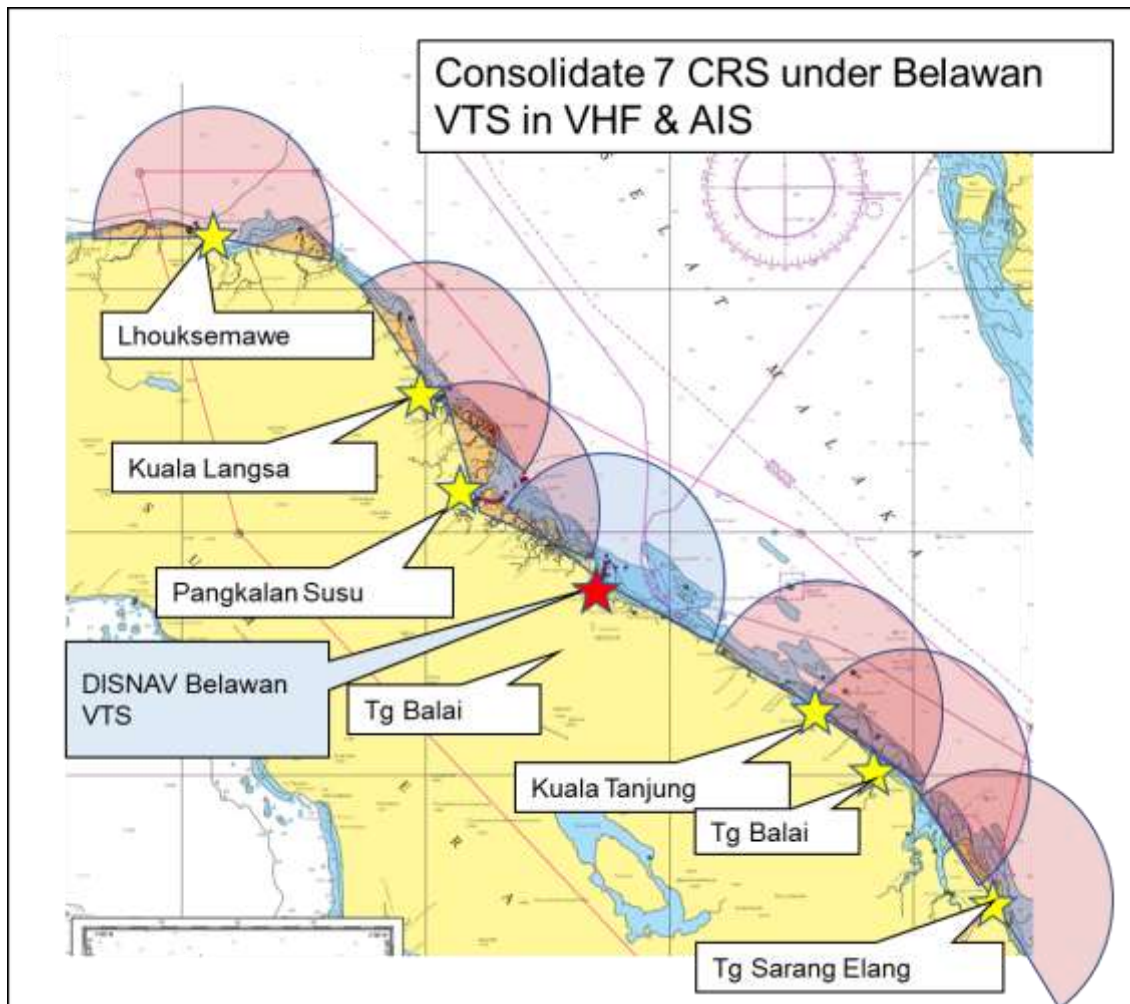


System diagram DISNAV Sabang

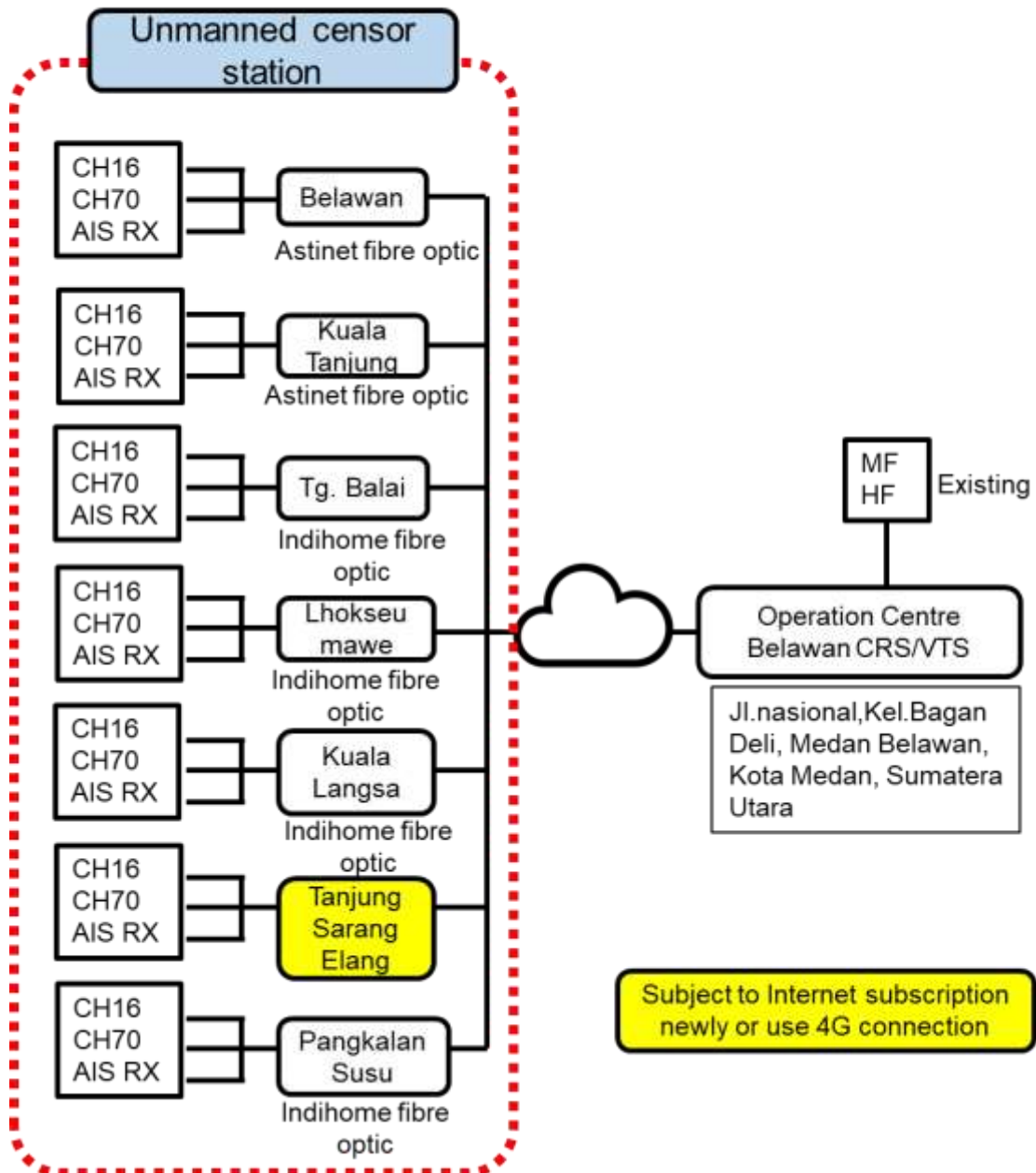


DISNAV Belawan

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
2	DISNAV Class I Belawan		Belawan VTS		X					
		1	Belawan CRS			X	X			X
		2	Kuala Tanjung							X
		3	Tg. Balai Asahan							X
		4	Lhosemawe							X
		5	Kuala Langsa							X
		6	Tanjung Sarang Elang							X
		7	Pangkalan Susu							X

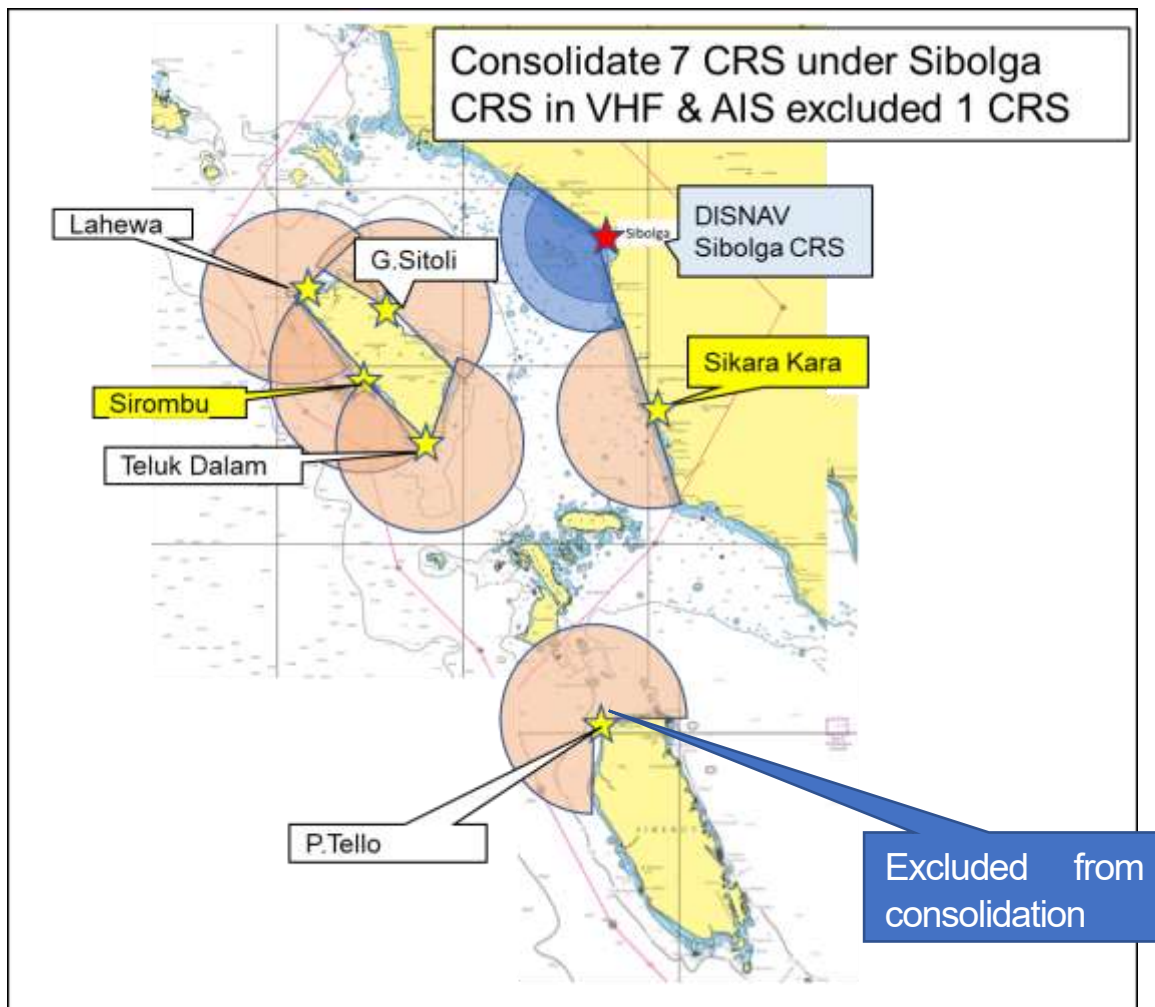


System diagram DISNAV Belawan

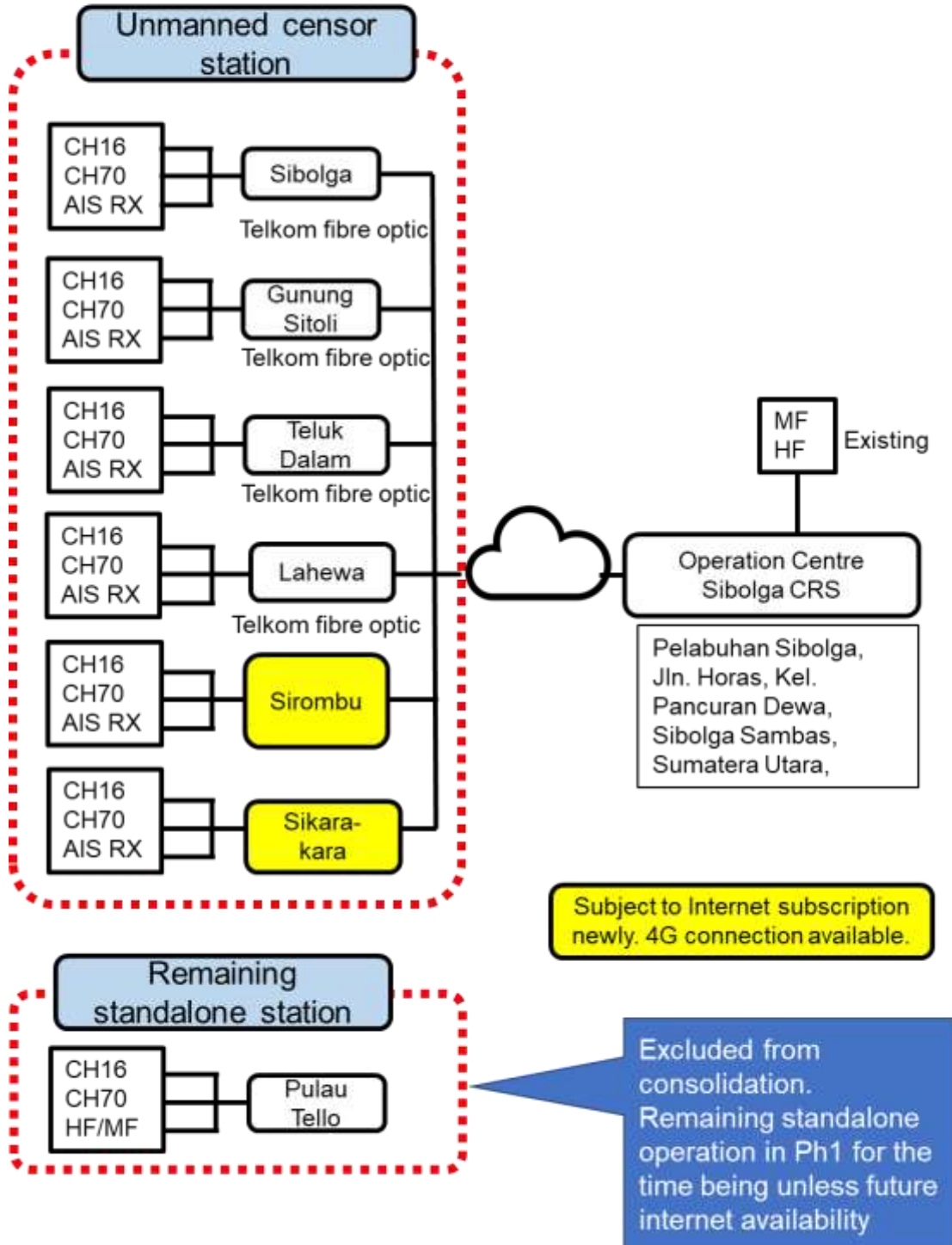


DISNAV Sibolga

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
3	DISNAV Class III Sibolga	1	Sibolga	X		X	X	X		
		2	Gunung Sitoli							X
		3	Pulau tello	X						X
		4	Teluk Dalam							X
		5	Lahewa							X
		6	Sirombu							X
		7	Sikara Kara							X

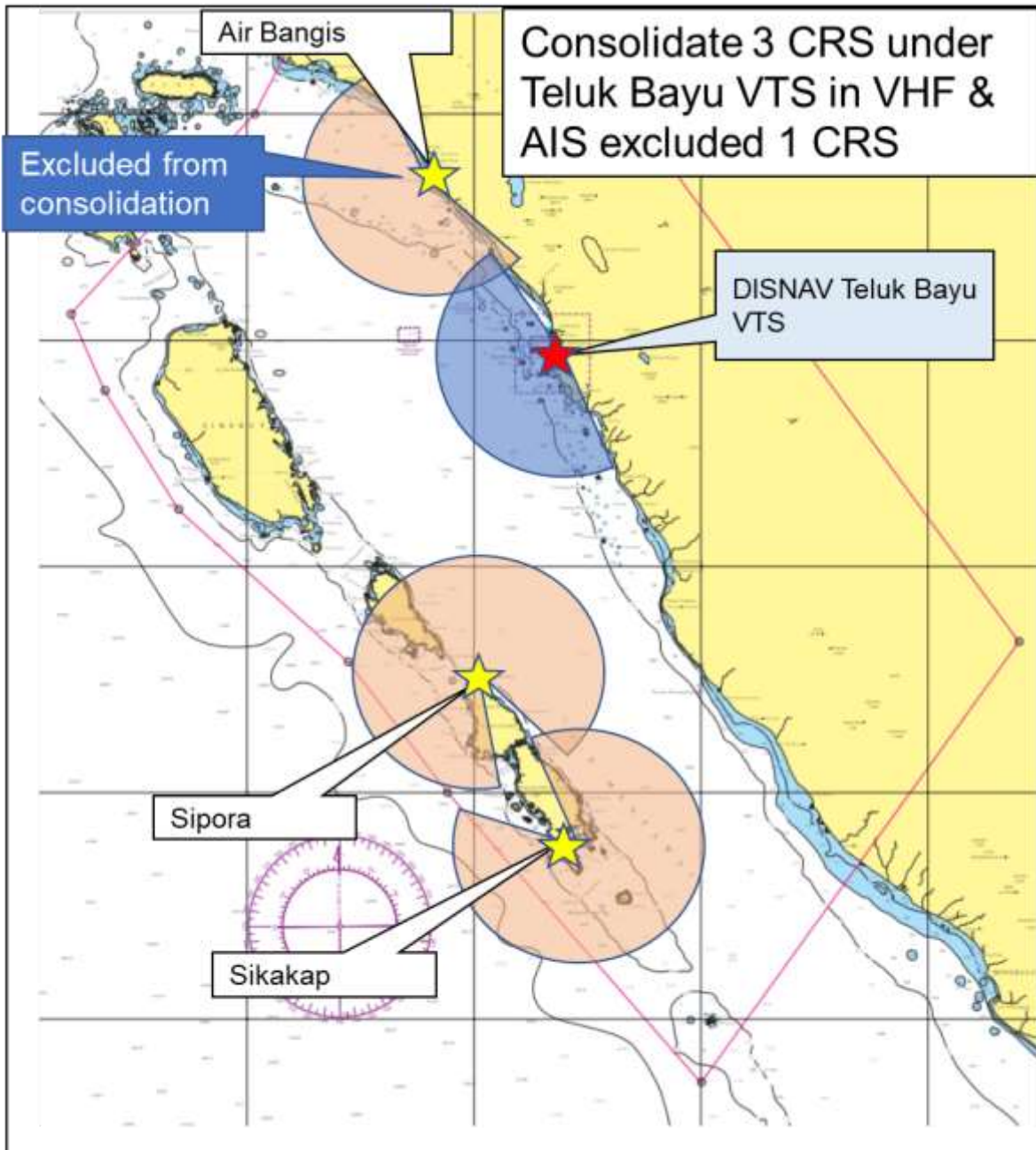


System diagram DISNAV Sibolga

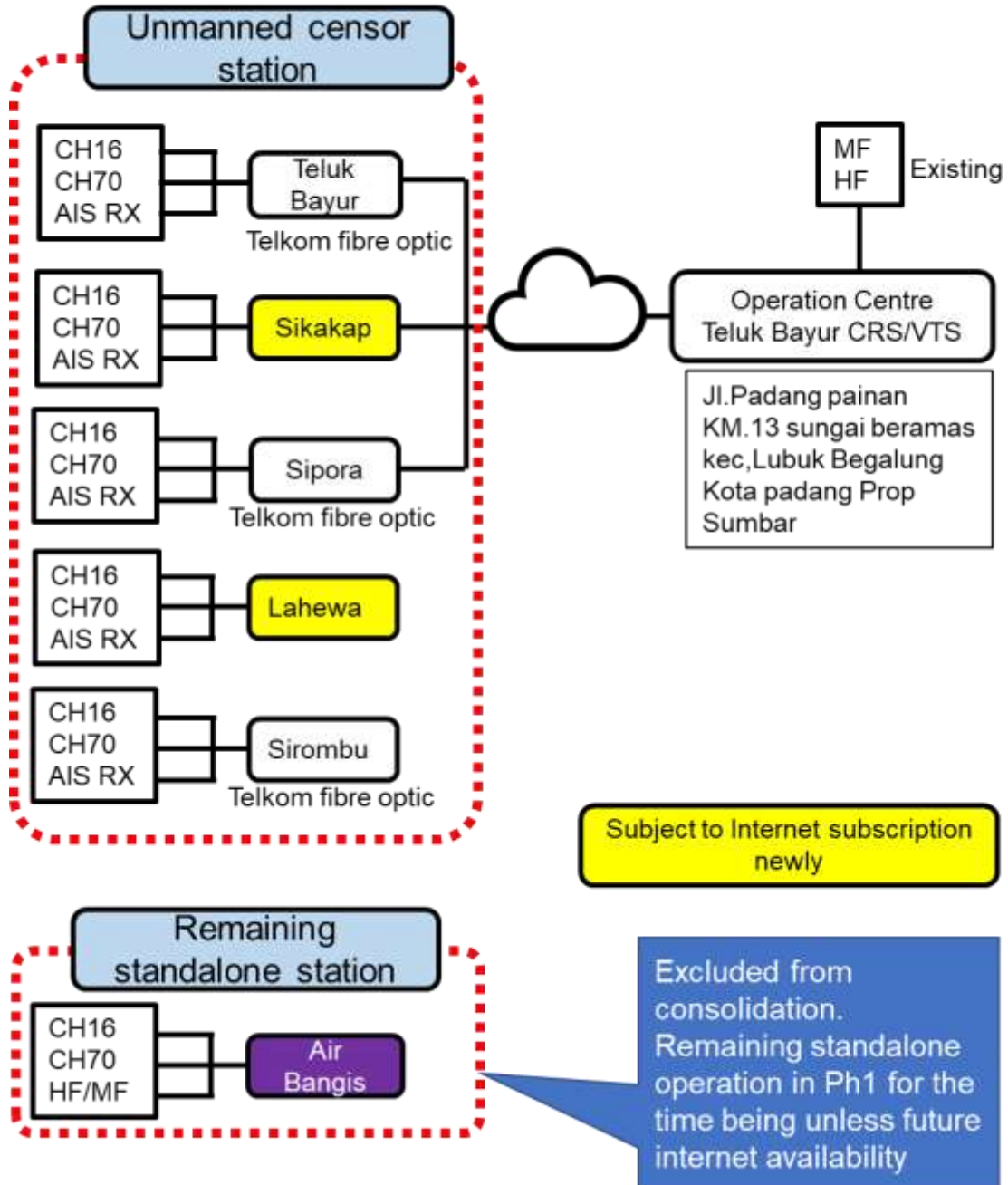


DISNAV Teluk Bayur

			Operation		Service					
			CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor	
6	DISNAV Class II Teluk Bayur		Teluk Bayur VTS		X		X			
		1	Teluk Bayur CRS			X				X
		2	Sikakap							X
		3	Sipora							X
		4	Air Bangis	X						X

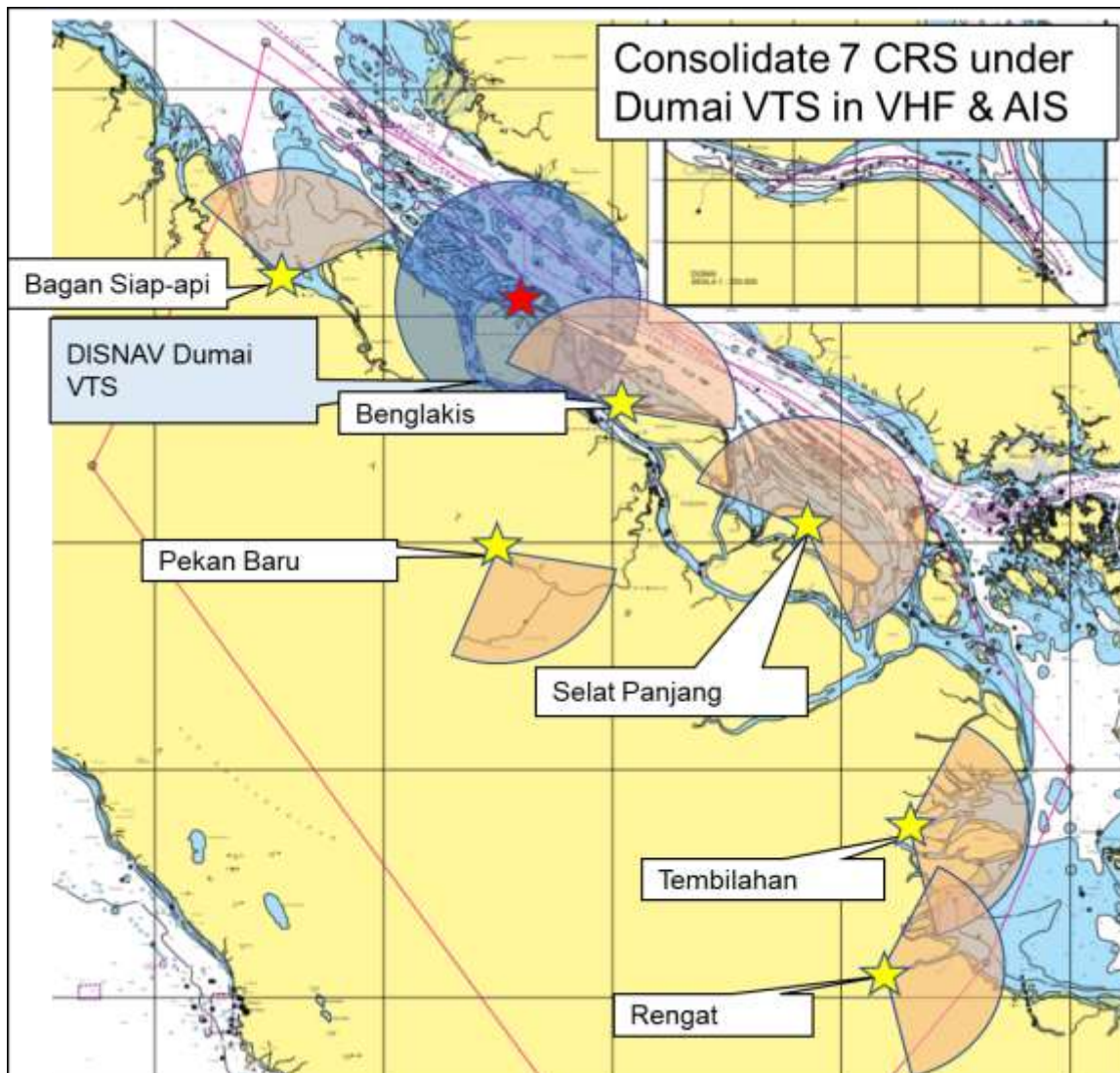


System diagram DISNAV Teluk Bayur

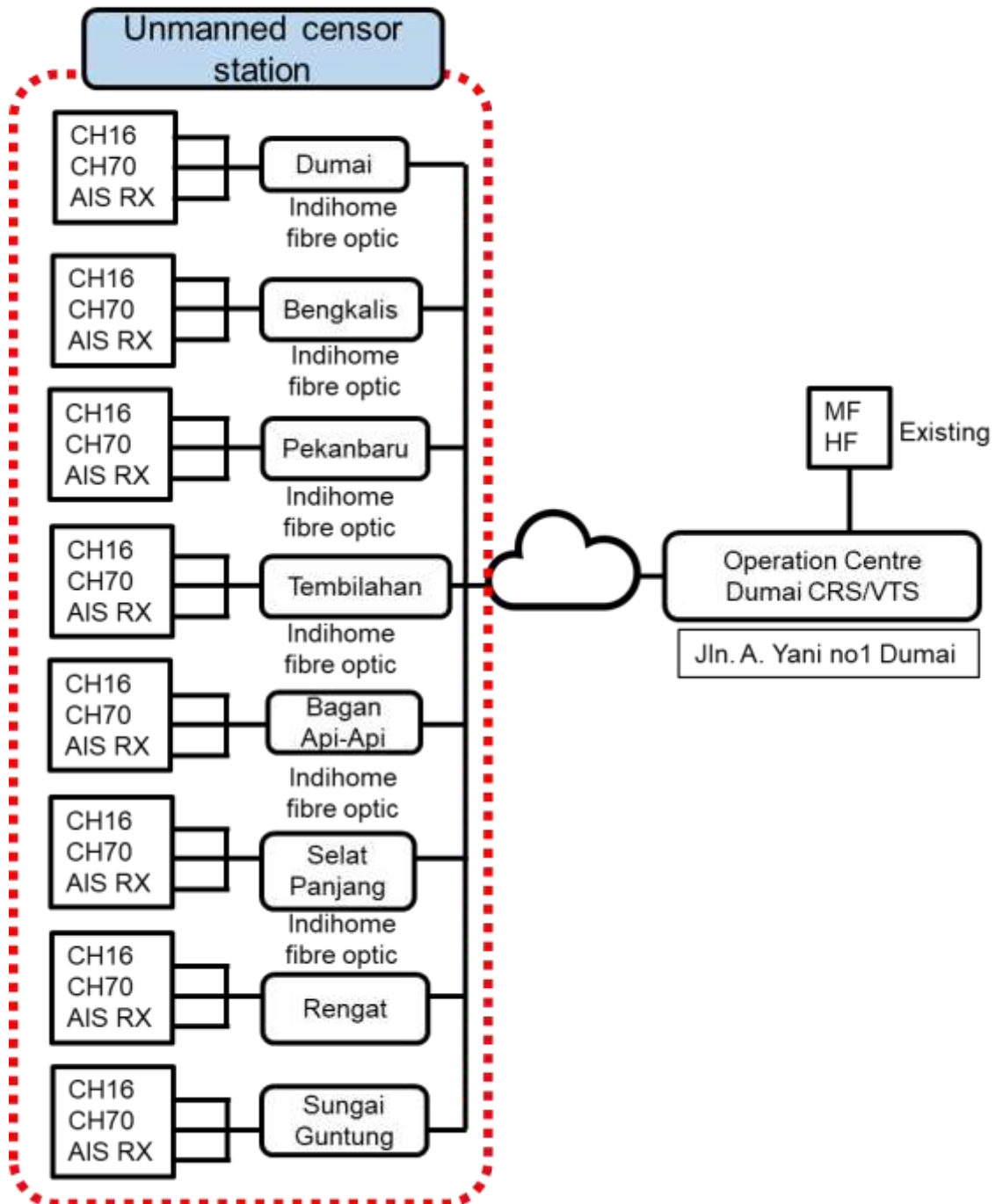


DISNAV Dumai

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
4	DISNAV Class I Dumai	1	Dumai VTS		X	X	X	X		
		2	Bengkalis							X
		3	Pekan Baru							X
		4	Tembilahan							X
		5	Bagan Siapi-api							X
		6	Selat Panjang							X
		7	Rengat							X

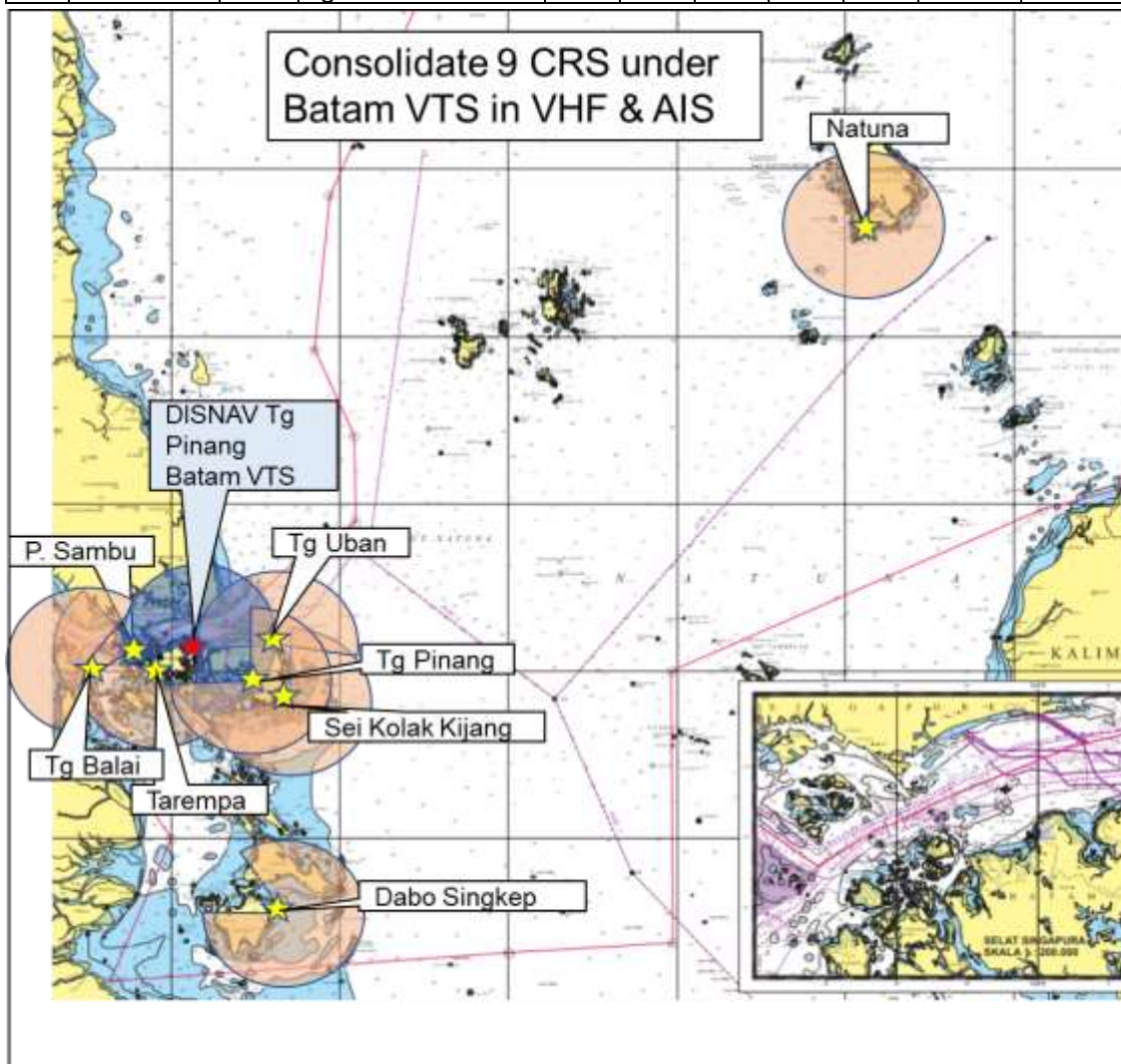


System diagram DISNAV Dumai

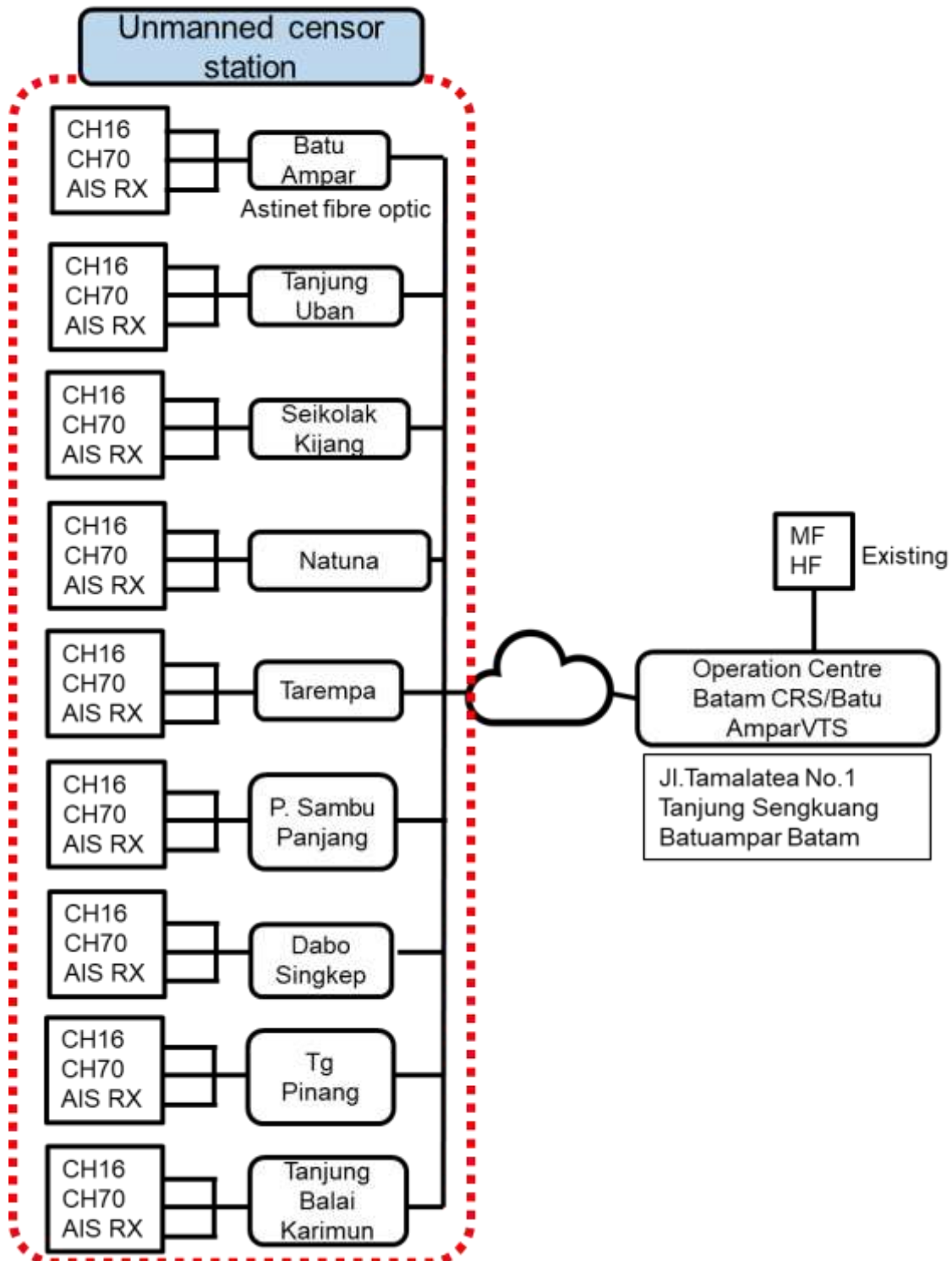


DISNAV Tg. Pinang

			Operation		Service					
			CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor	
5	DISNAV Class I Tg. Pinang		Batam VTS		X					
		1	Batu Ampar			X	X			X
		2	Tanjung Uban							X
		3	Sei Kolak Kijang							X
		4	Natuna							X
		5	Tarempa							X
		6	Pulau Sambu							X
		7	Dabo singkep							X
		8	Tg. Pinang							X
9	Tg. Balai Karimun							X		

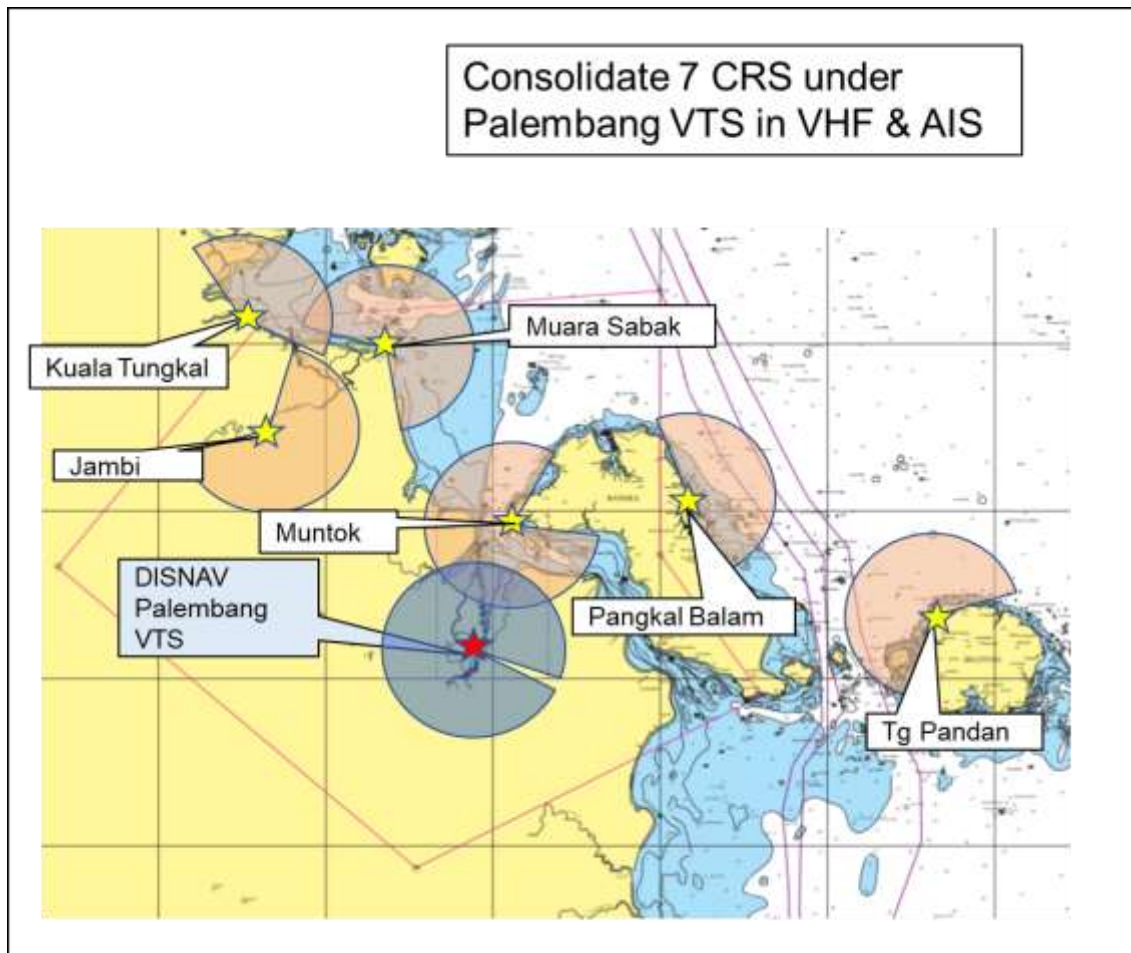


System diagram DISNAV Tg Pinang

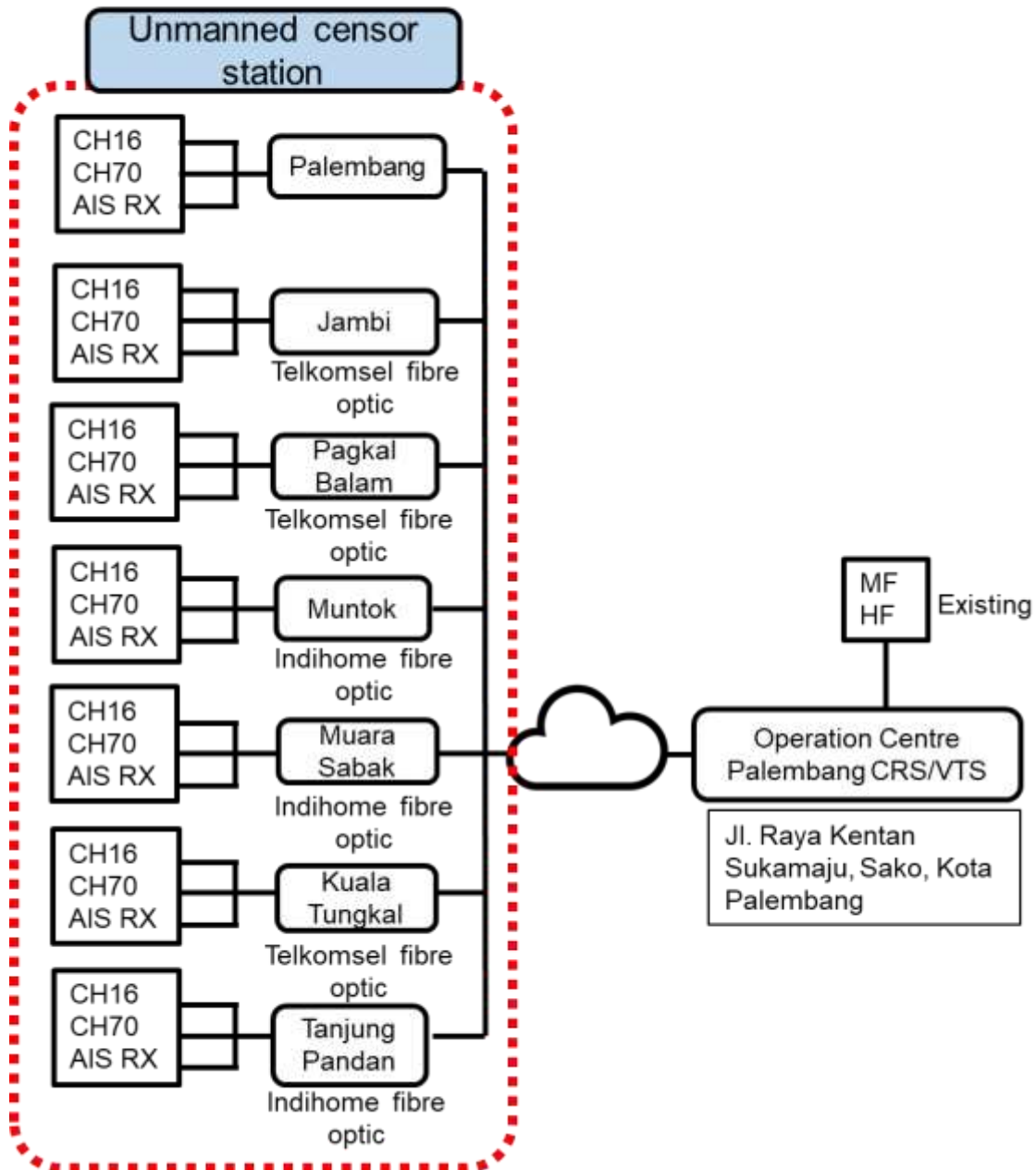


DISNAV Palembang

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
7	DISNAV Class I Palembang		Palembang VTS		X					
		1	Palembang CRS			X	X			X
		2	Jambi							X
		3	Pangkal Balam							X
		4	Muntok							X
		5	Muara Sabak							X
		6	Kuala Tungkal							X
		7	Tanjung Pandan							X

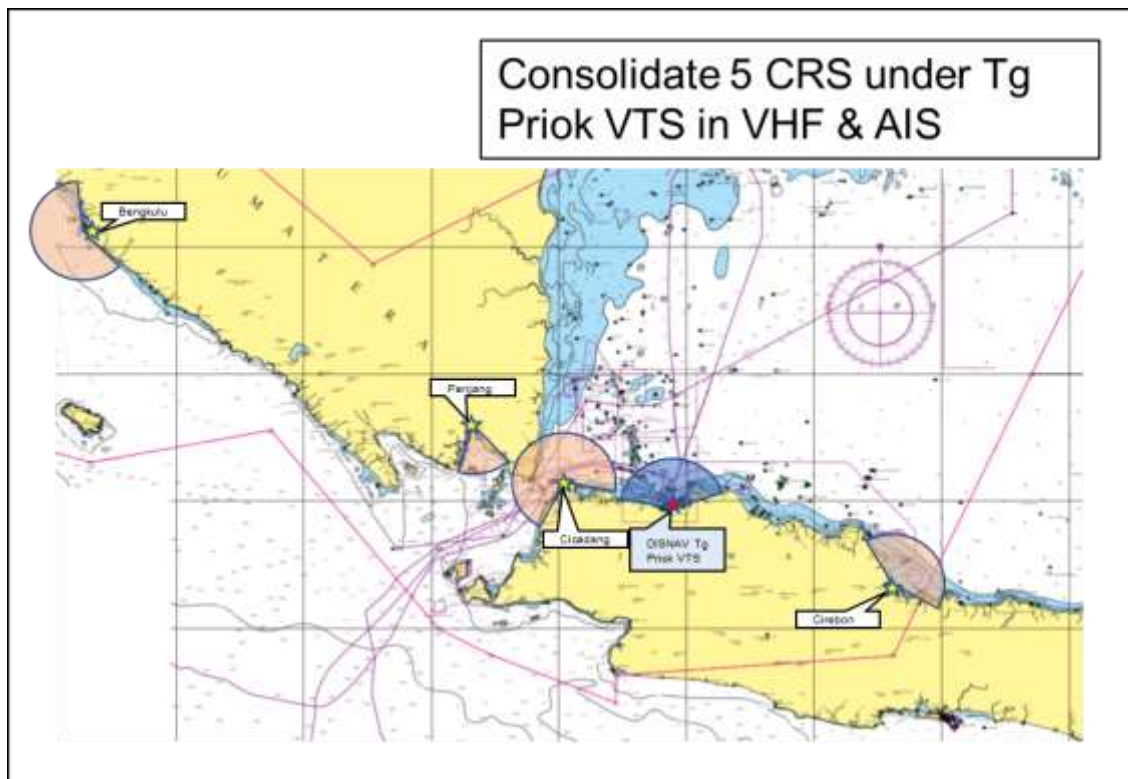


System diagram DISNAV Palembang

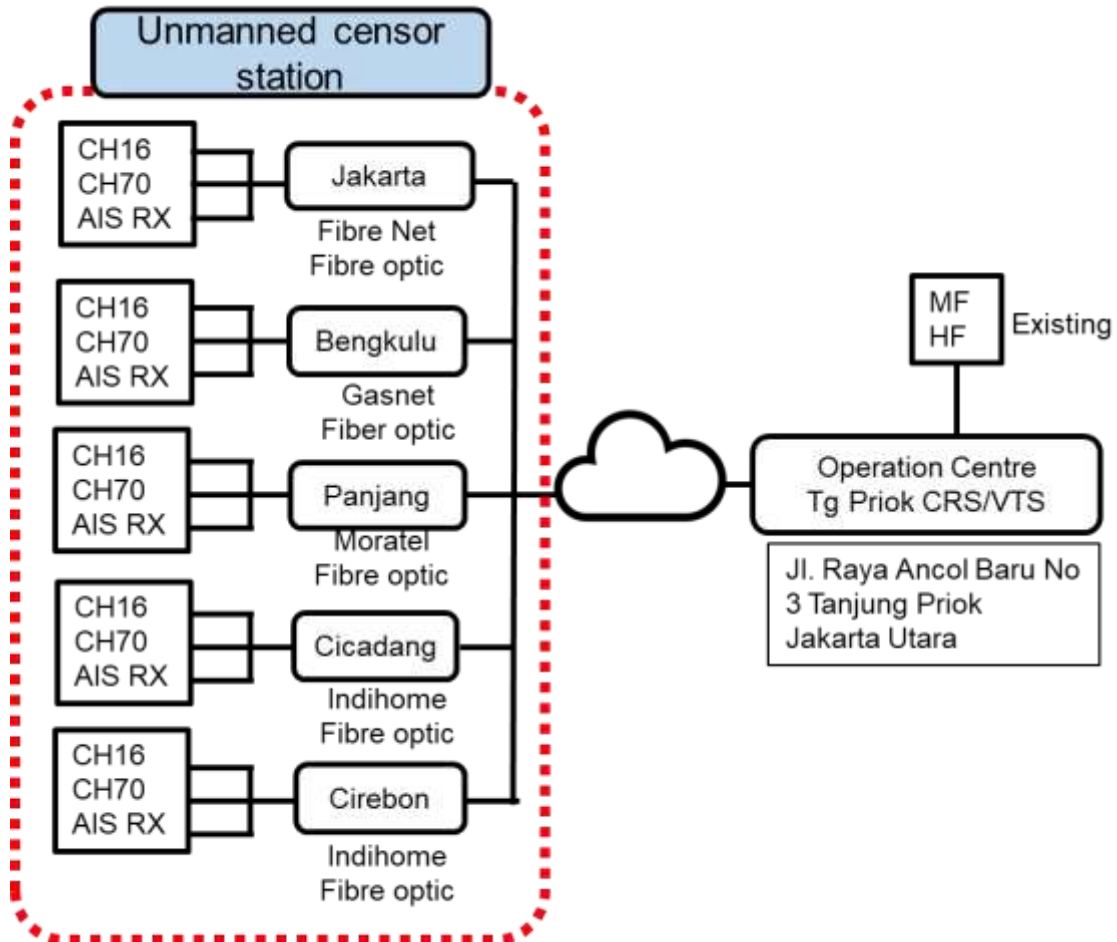


DISNAV Tg. Priok

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
8	DISNAV Class I Tg. Priok		Tg Priok VTS		X					
		1	Jakarta CRS			X	X		X	X
		2	Panjang							X
		3	Cirebon							X
		4	Bengkulu							X
		5	Cigading							X

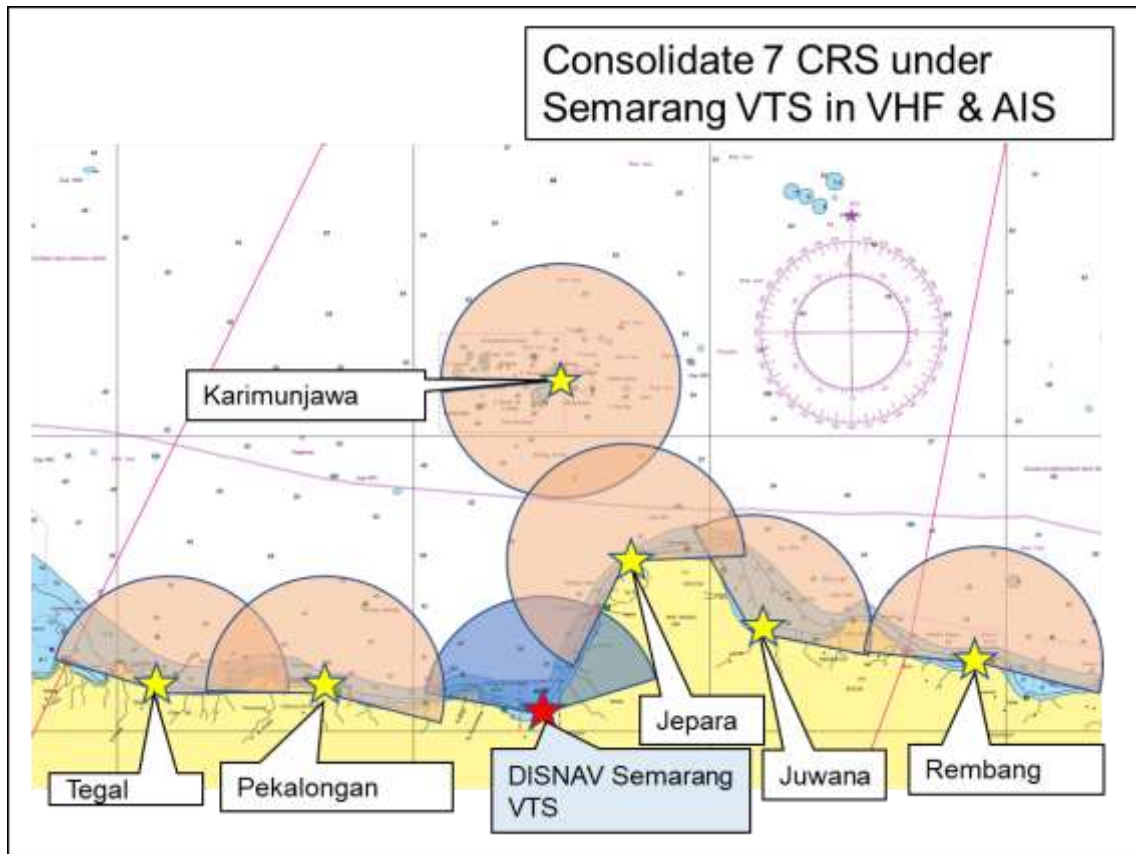


System diagram DISNAV Tg Priok

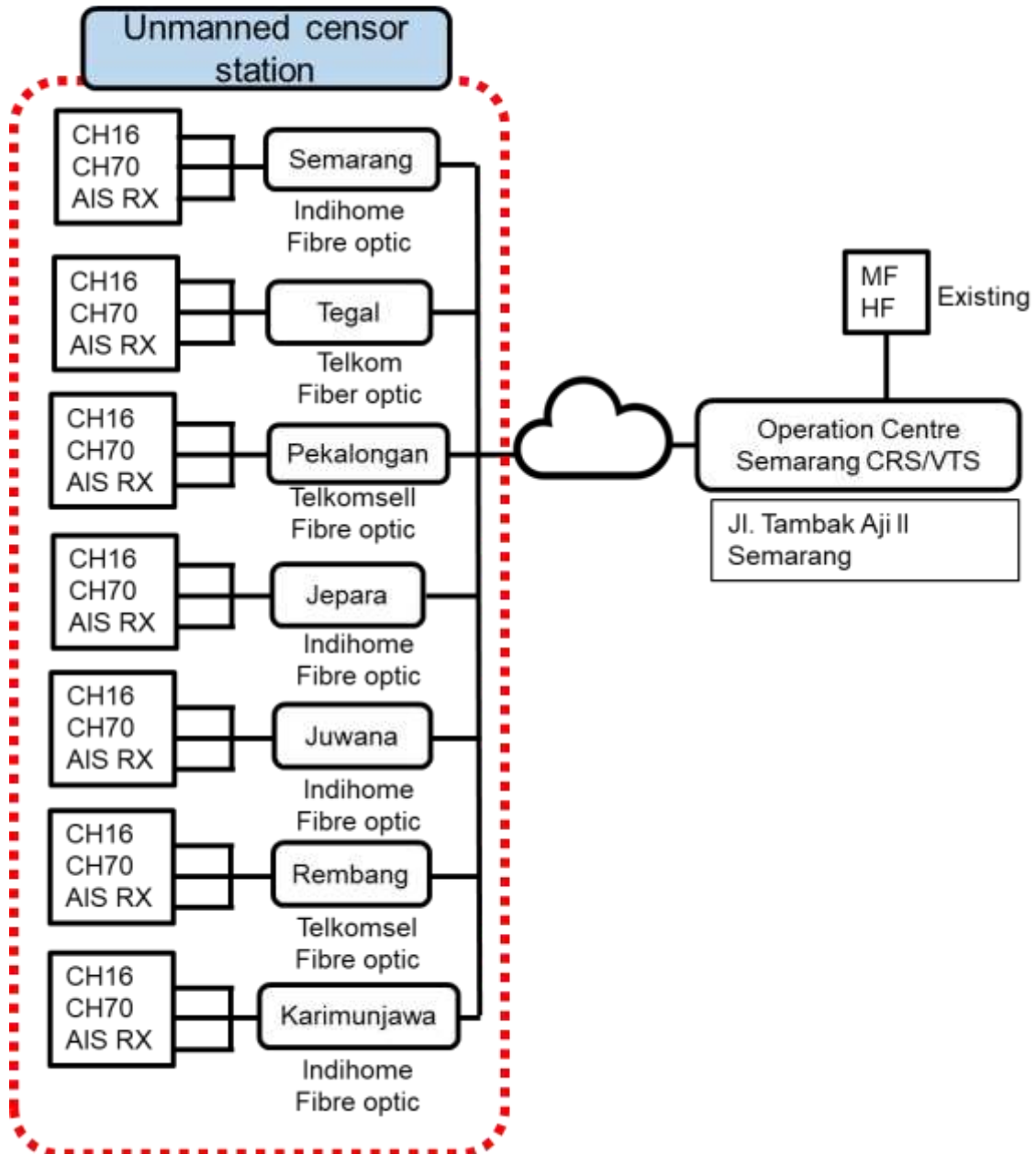


DISNAV Semarang

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
9	DISNAV Class II Semarang		Semarang VTS		X					
		1	Semarang CRS			X	X			X
		2	Tegal							X
		3	Pekalongan							X
		4	Jebara							X
		5	Juwana							X
		6	KarimunJawa							X
		7	Rembang							X

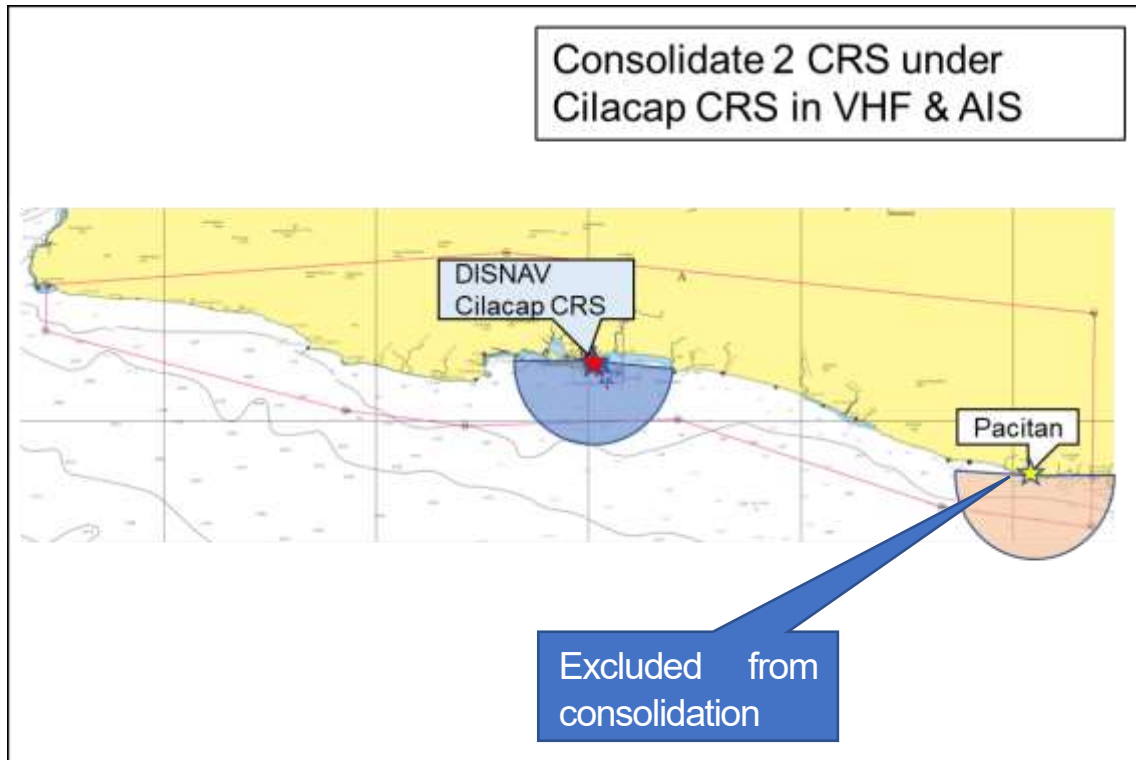


System diagram DISNAV Semarang

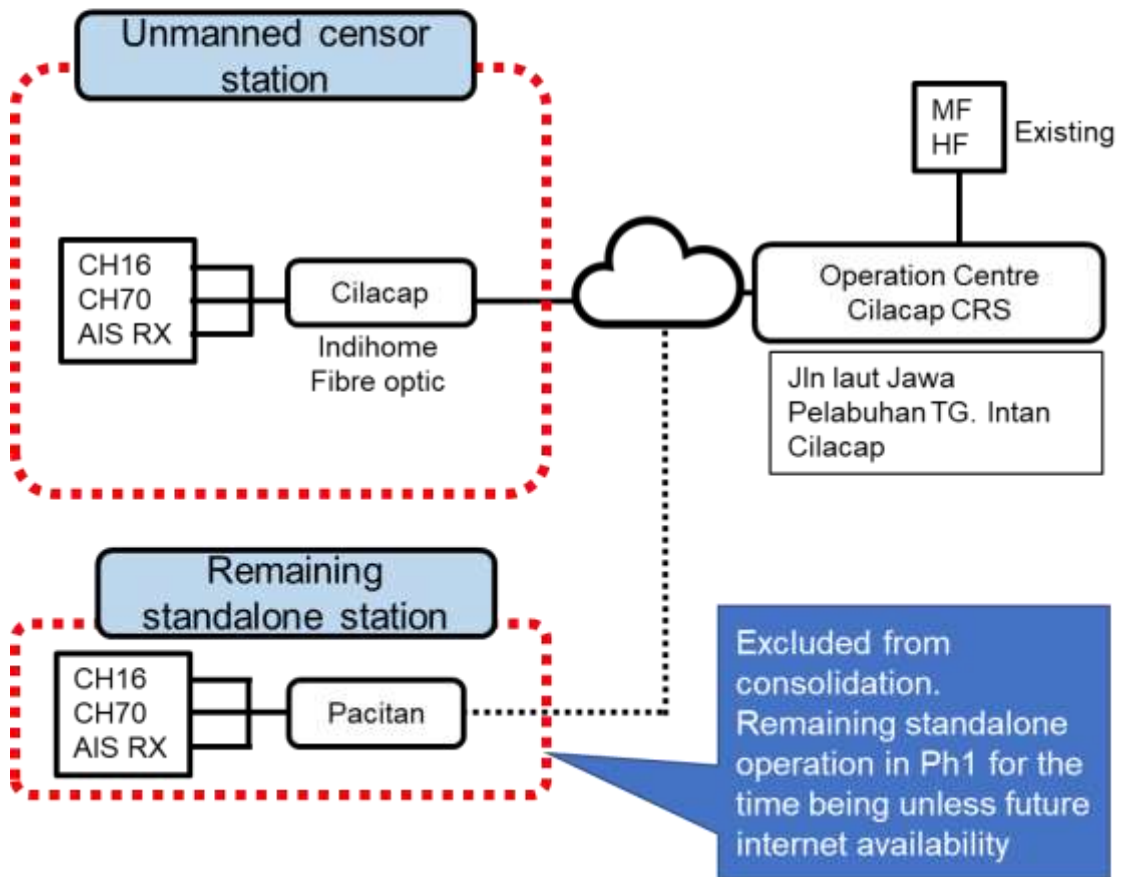


DISNAV Cilacap

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
10	DISNAV Class III Cilacap	1	Cilacap	X		X	X			X
		2	Pacitan	X						X

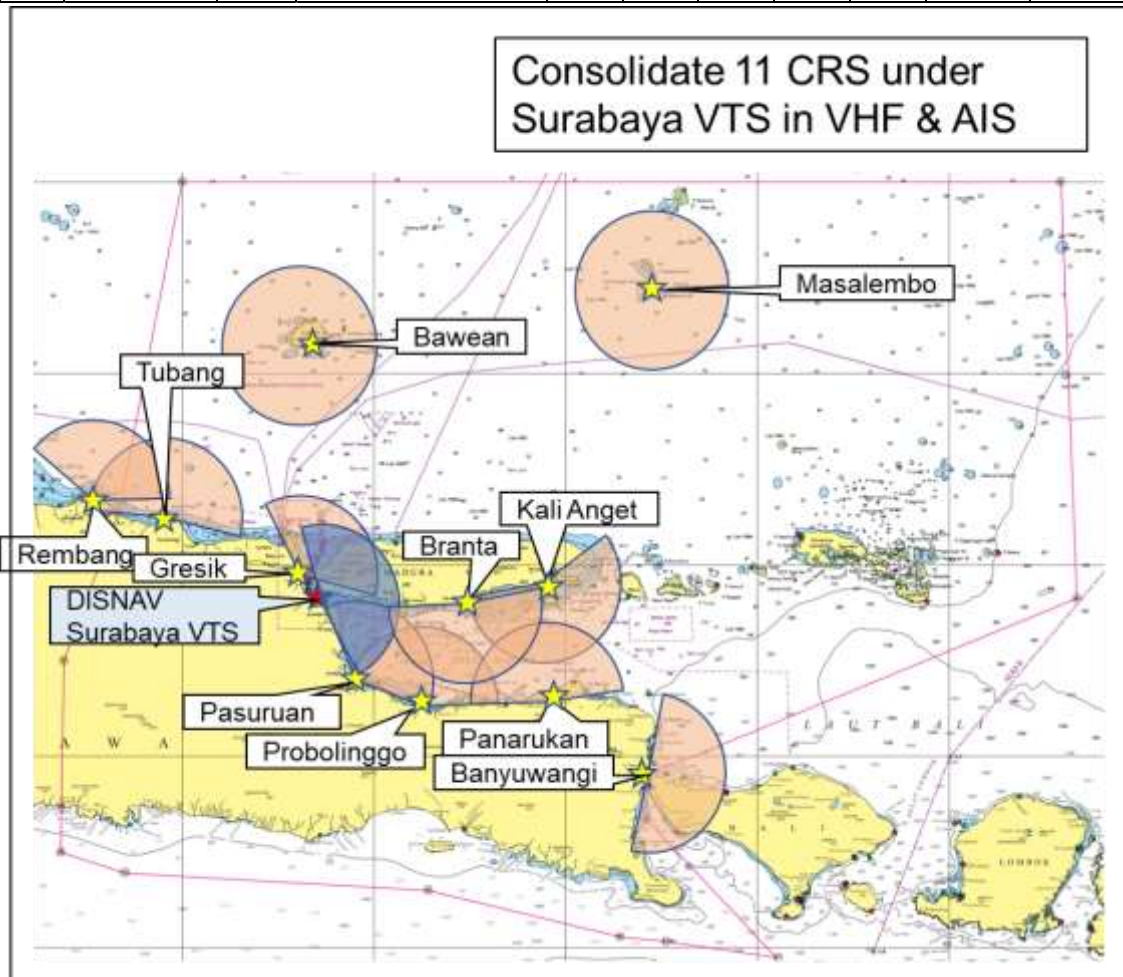


System diagram DISNAV Cilacap

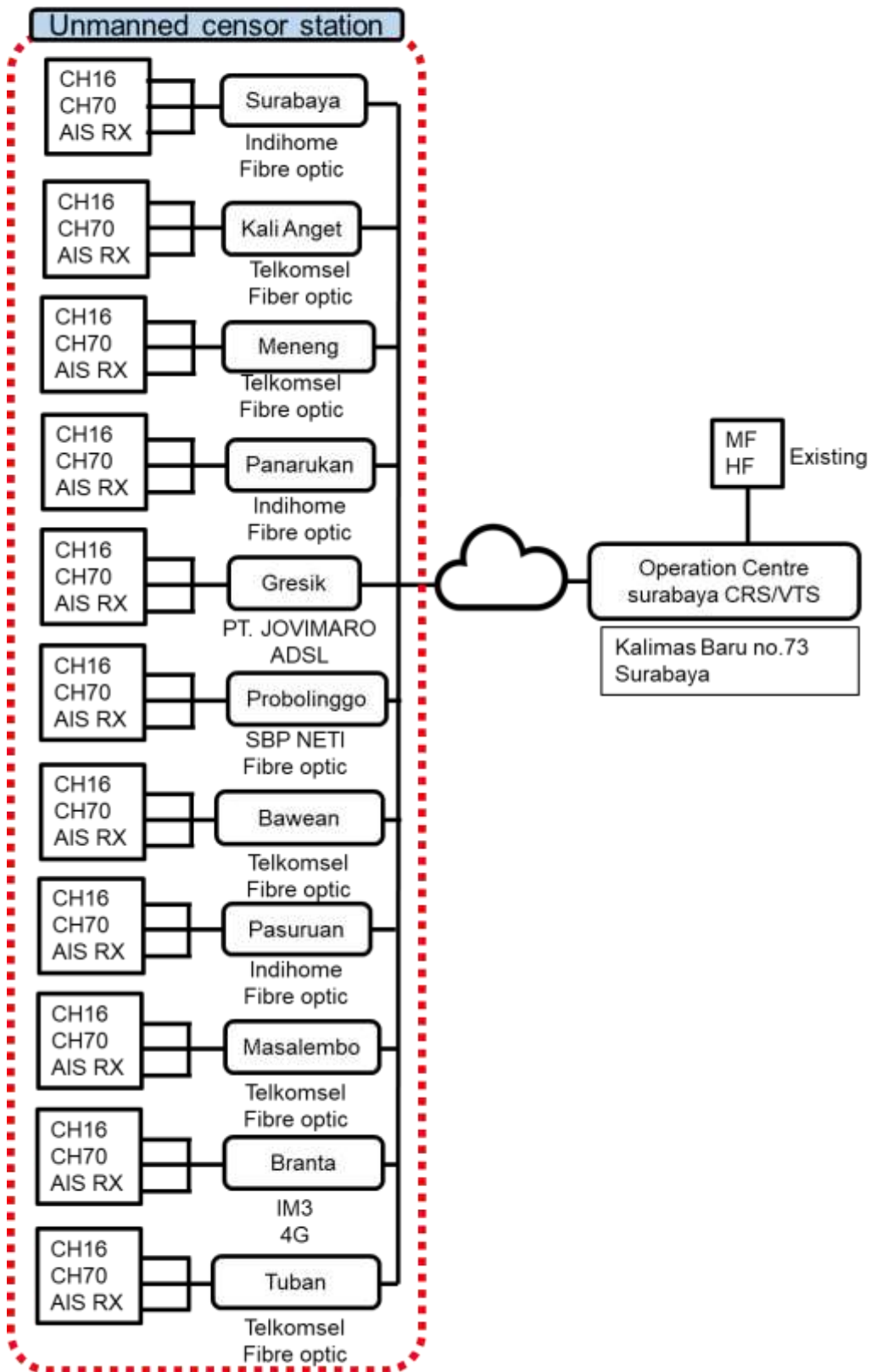


DISNAV Surabaya

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
11	DISNAV Class I Surabaya	1	Surabaya VTS		X					
			Surabaya CRS			X	X			X
		2	Kali Anget							x
		3	B.wangi (Meneng)							X
		4	Panarukan							X
		5	Gresik							X
		6	Probolinggo							X
		7	Bawean							X
		8	Pasuruan							X
		9	Masalembo							X
		10	Branta							X
11	Tuban							X		

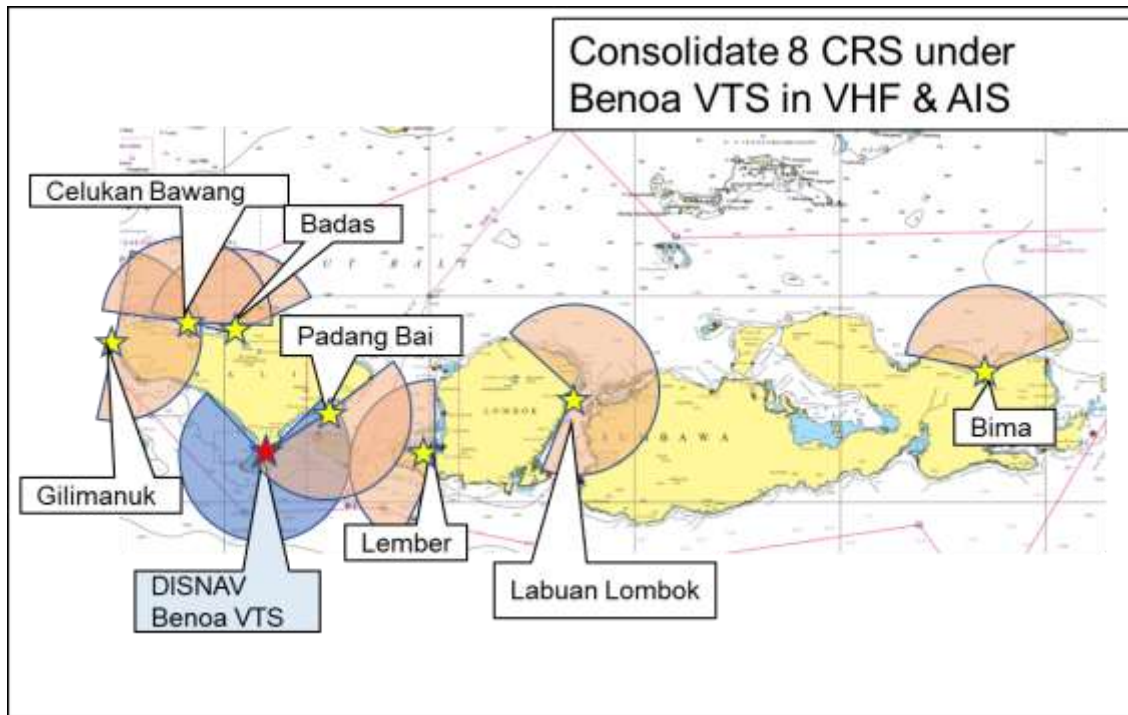


System diagram DISNAV Surabaya

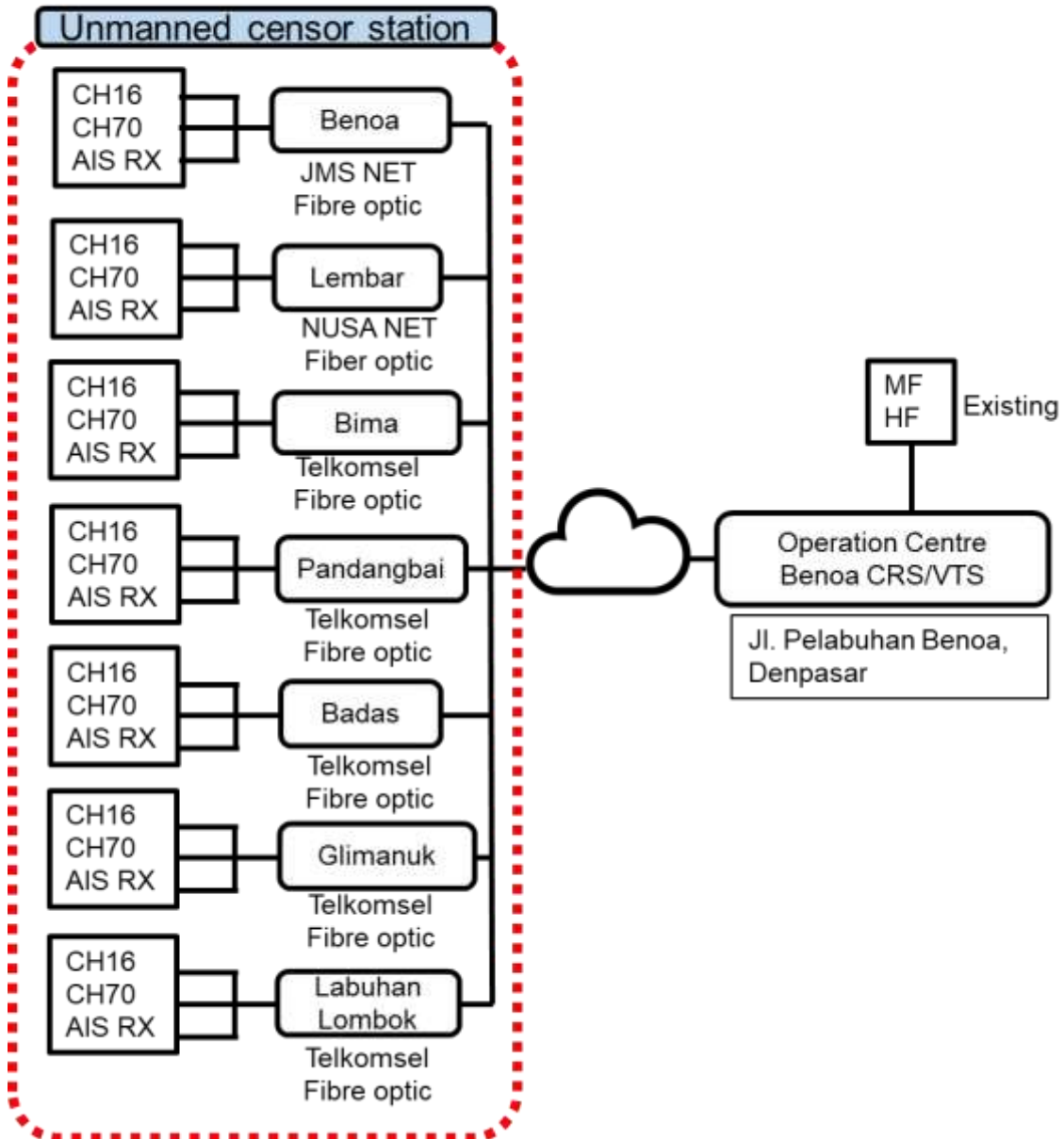


DISNAV Bena

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
12	DISNAV Class II Bena		Bena VTS		X					
		1	Bena CRS			X	X			X
		2	Lambar							X
		3	Bima							X
		4	Padang Bai							X
		5	Celukan Bawang							X
		6	Badas							X
		7	Gilimanuk							X
		8	Labuhan Lombok							X



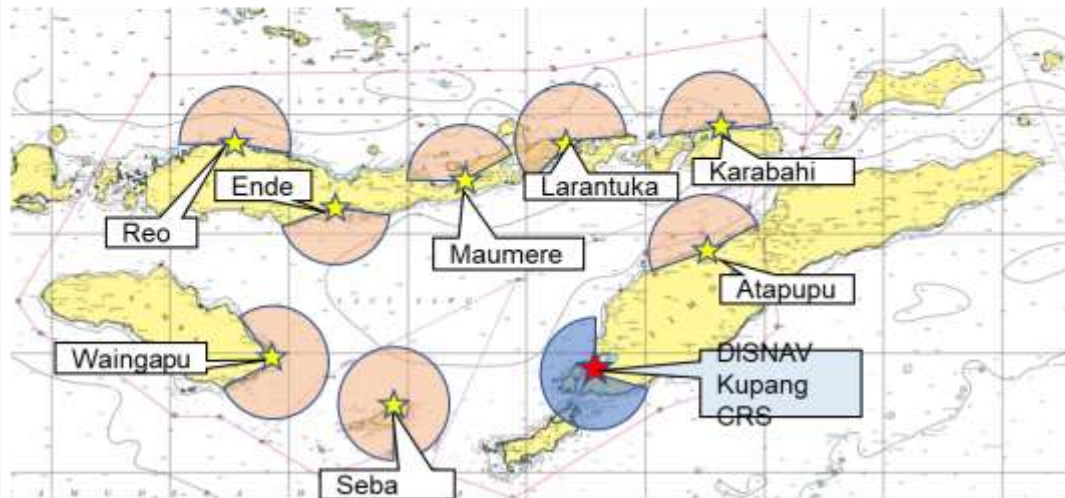
System diagram DISNAV Bena



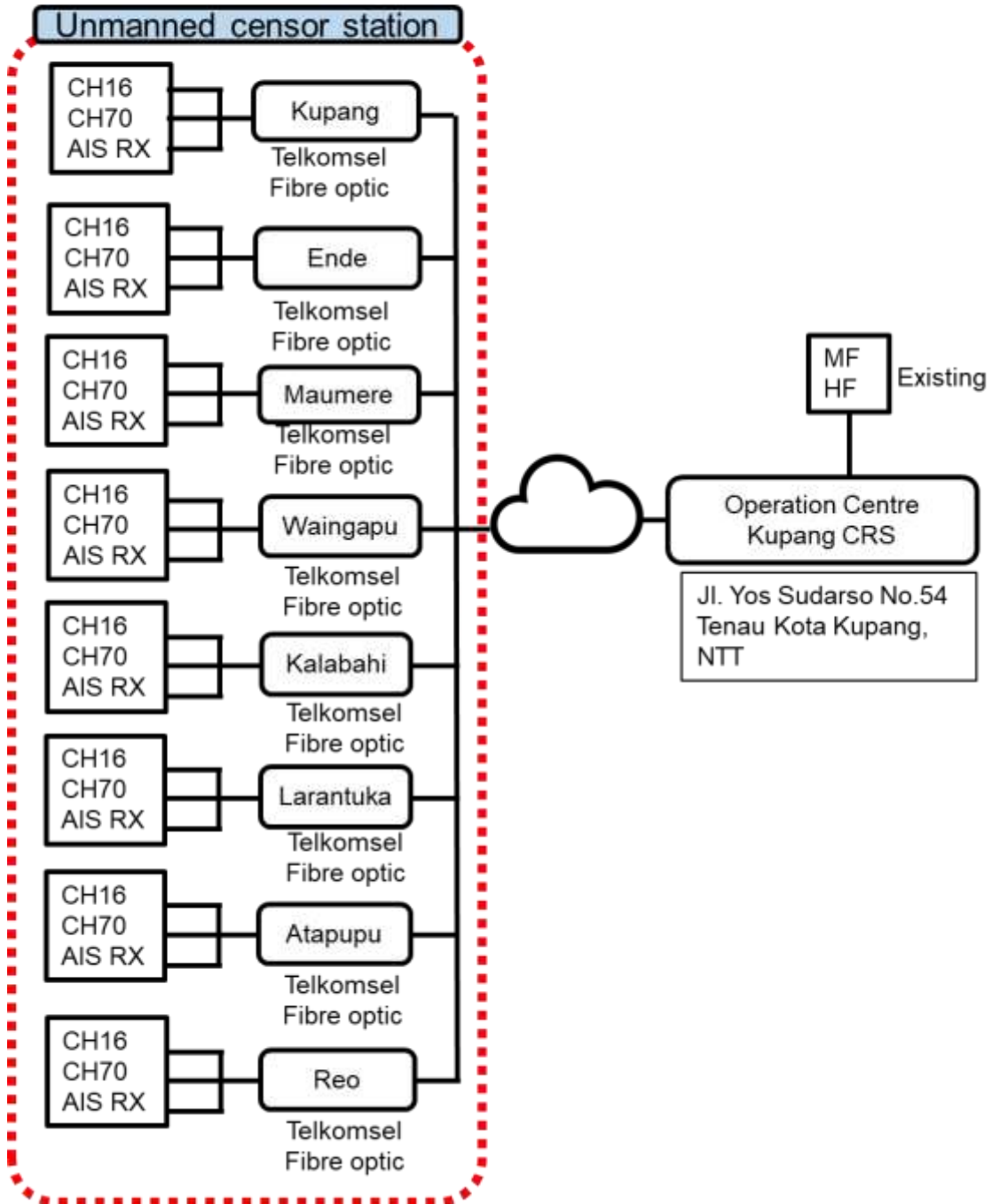
DISNAV Kupang

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
13	DISNAV Class II Kupang	1	Kupang	X		X	X	X		
		2	Ende							X
		3	Maumere							X
		4	Waingapu							X
		5	Kalabahi							X
		6	Larantuka							X
		7	Atapupu							X
		8	Reo							X
		9	Seba							X

Consolidate 9 CRS under
Kupang CRS in VHF & AIS

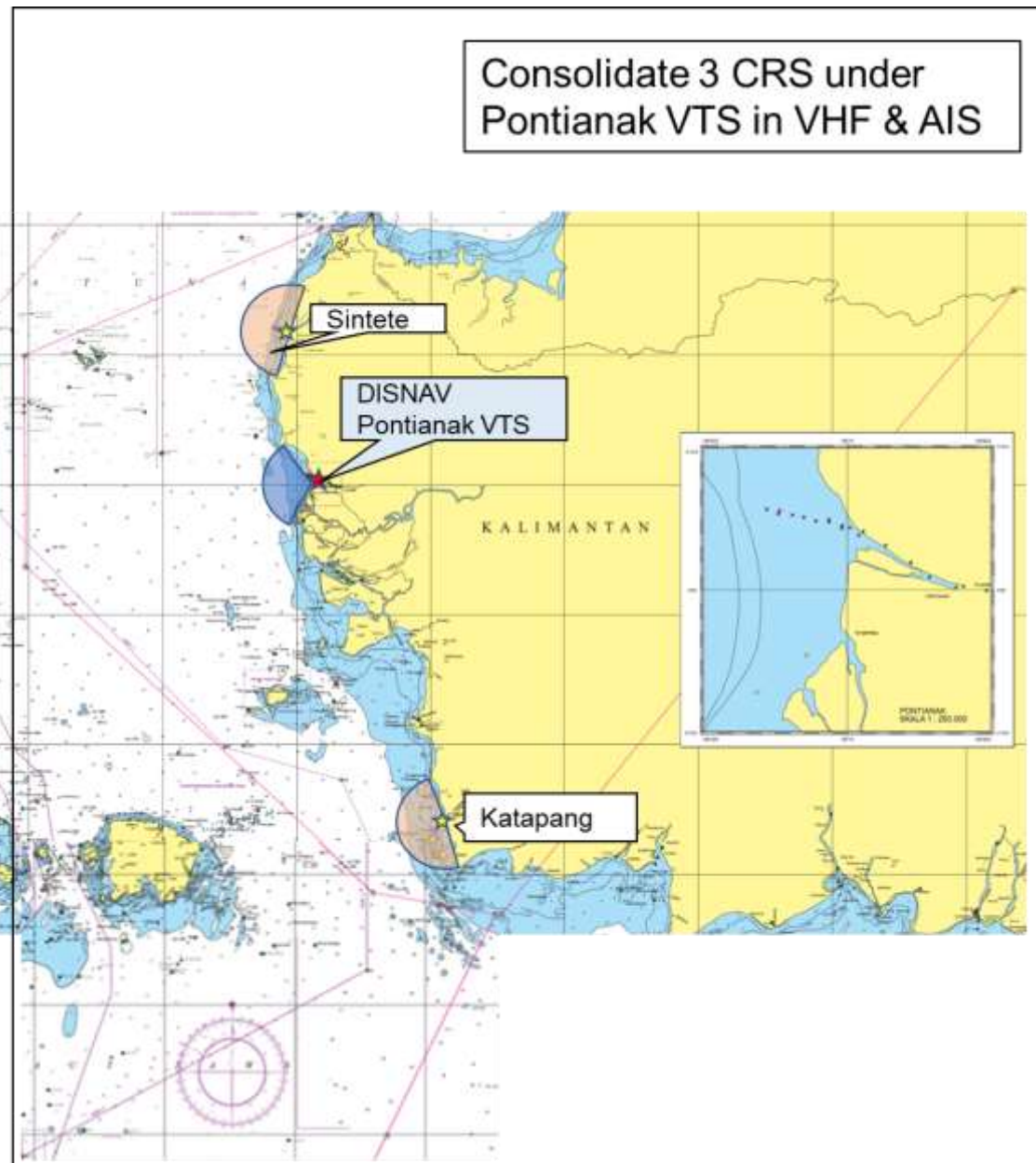


System diagram DISNAV Kupang

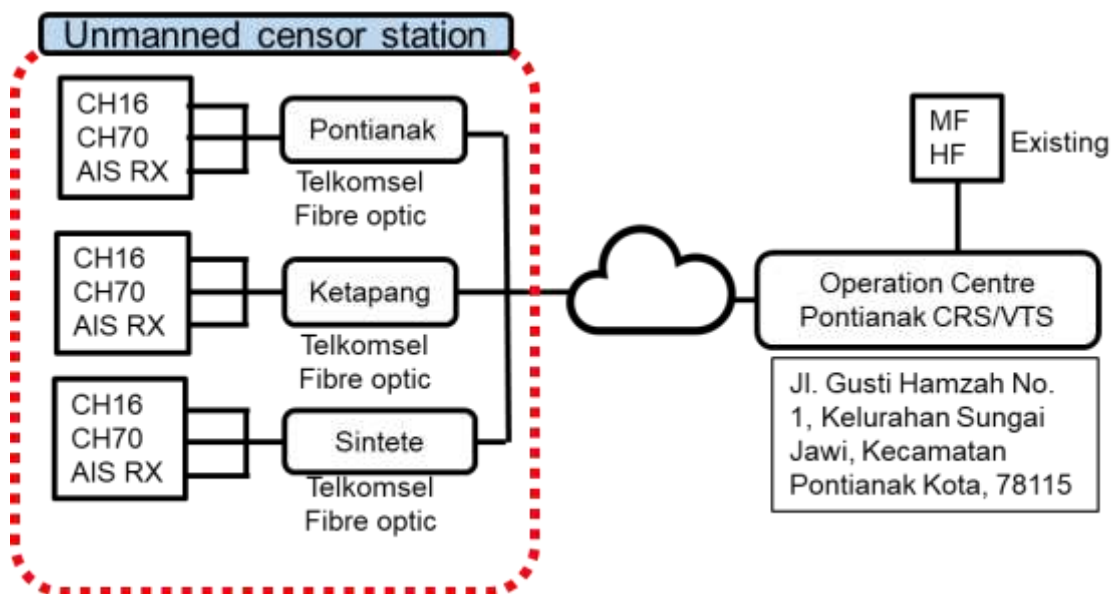


DISNAV Pontianak

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
14	DISNAV Class III Pontianak		Pontianak VTS		X		X			
		1	Pontianak CRS			X				X
		2	Ketapang							X
		3	Sintete							X

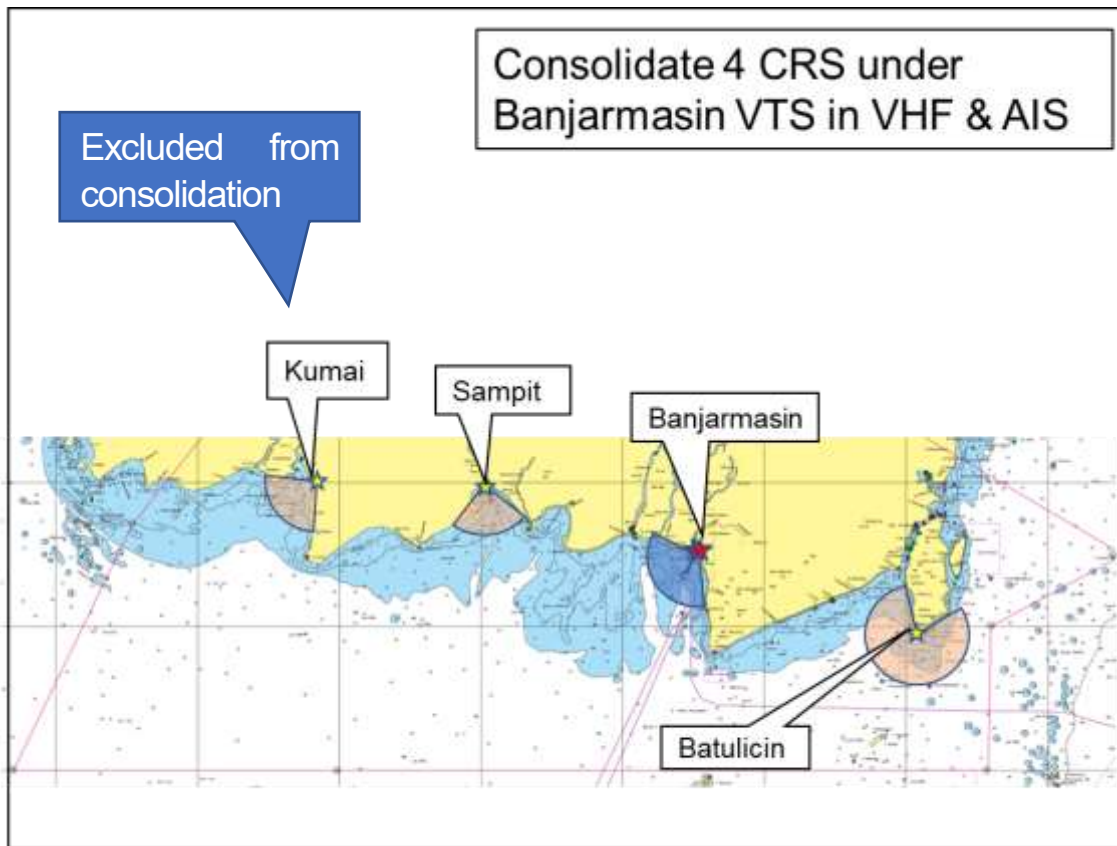


System diagram DISNAV Pontianak

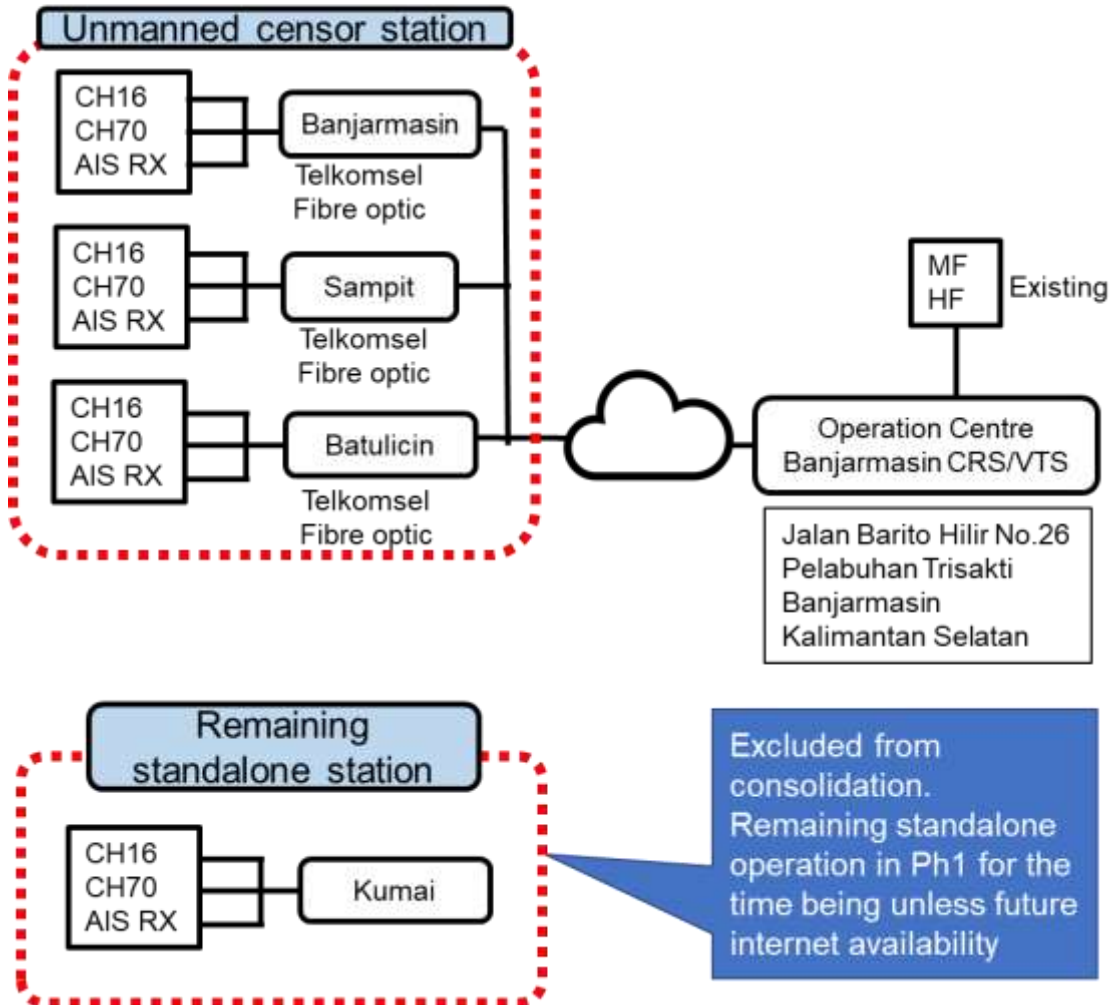


DISNAV Banjarmasin

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
15	DISNAV Class II Banjarmasi n		Banjar Masin VTS		X		X			
		1	Banjar Masin CRS			X				X
		2	Sampit							X
		3	Kumai	X						X
		4	Batulicin							X

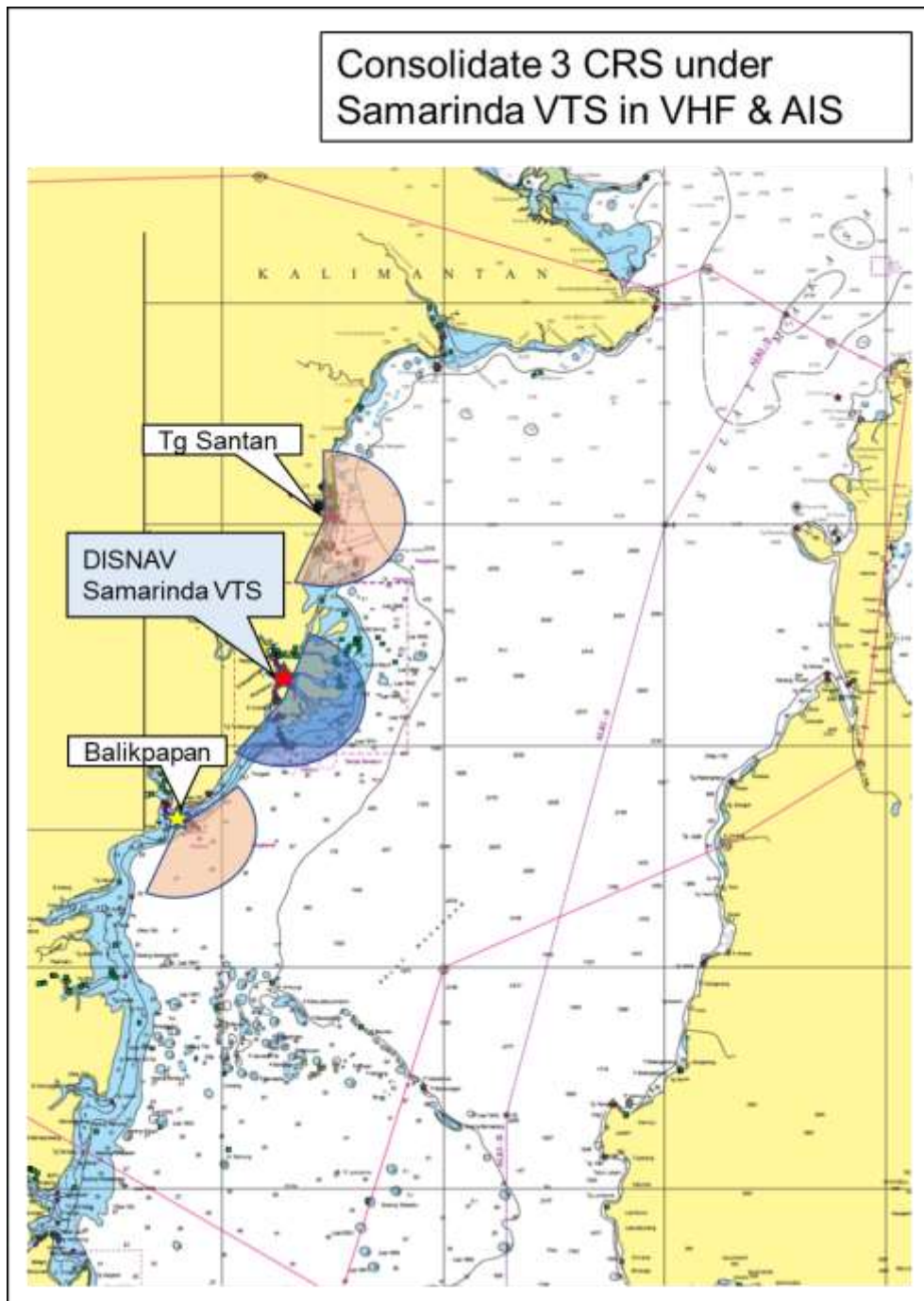


System diagram DISNAV Banjarmasin

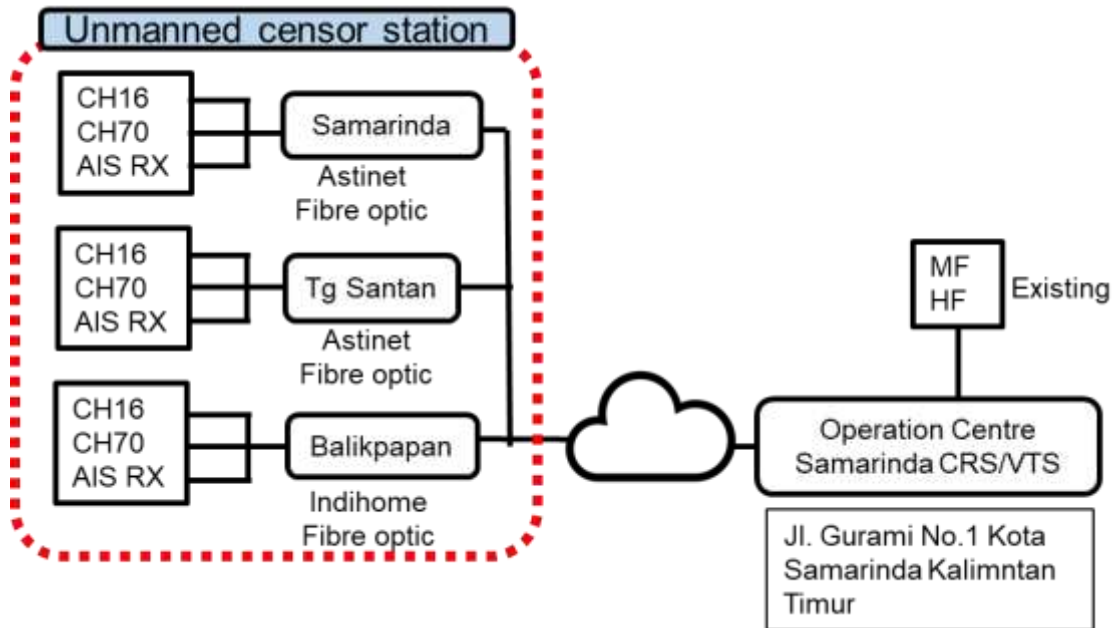


DISNAV Samarinda

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
16	DISNAV Class I Samarinda		Samarinda VTS		X					
		1	Samarinda CRS			X	X			X
		2	Balik Papan							X
		3	Tanjung Santan							X

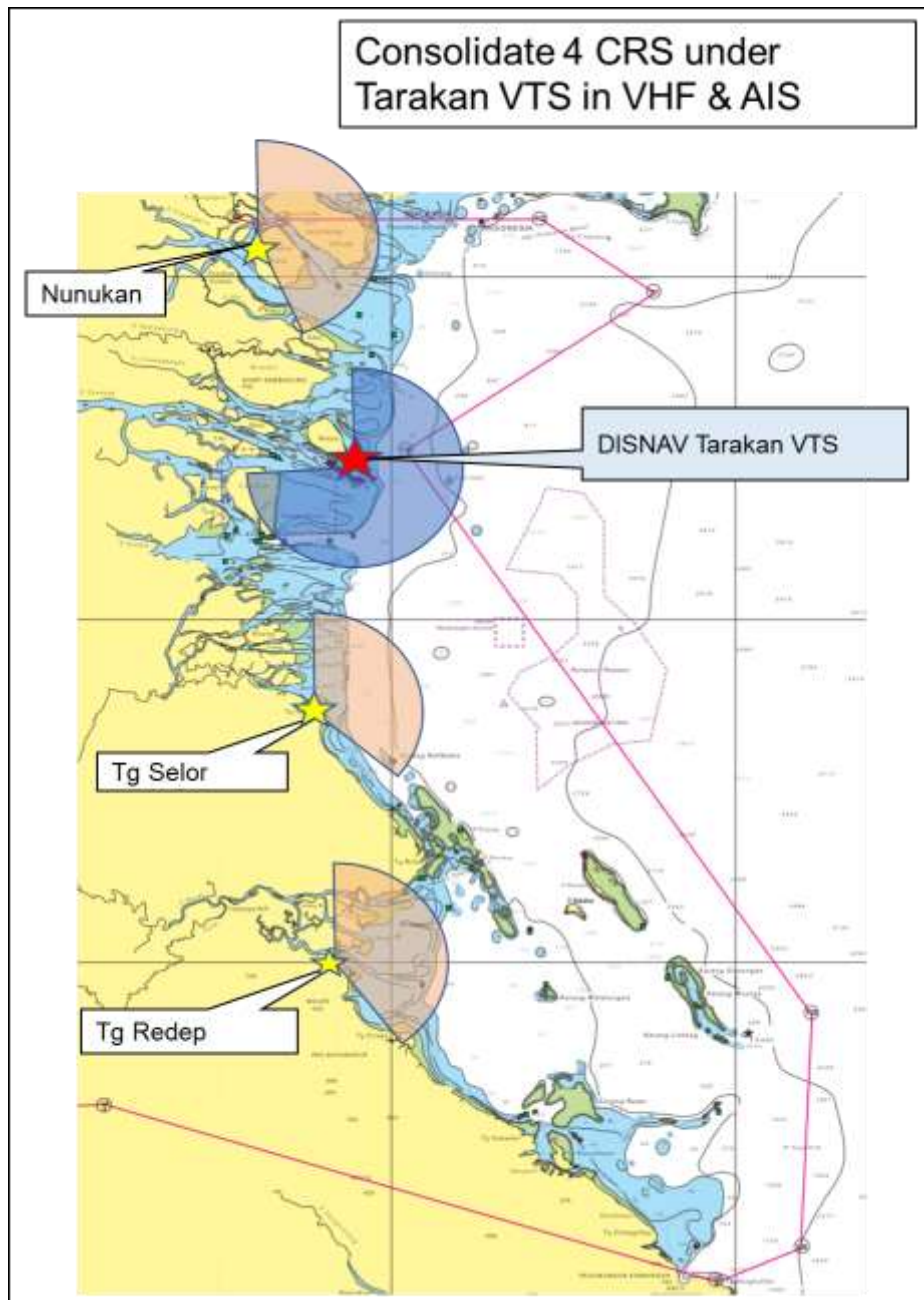


System diagram DISNAV Samarinda

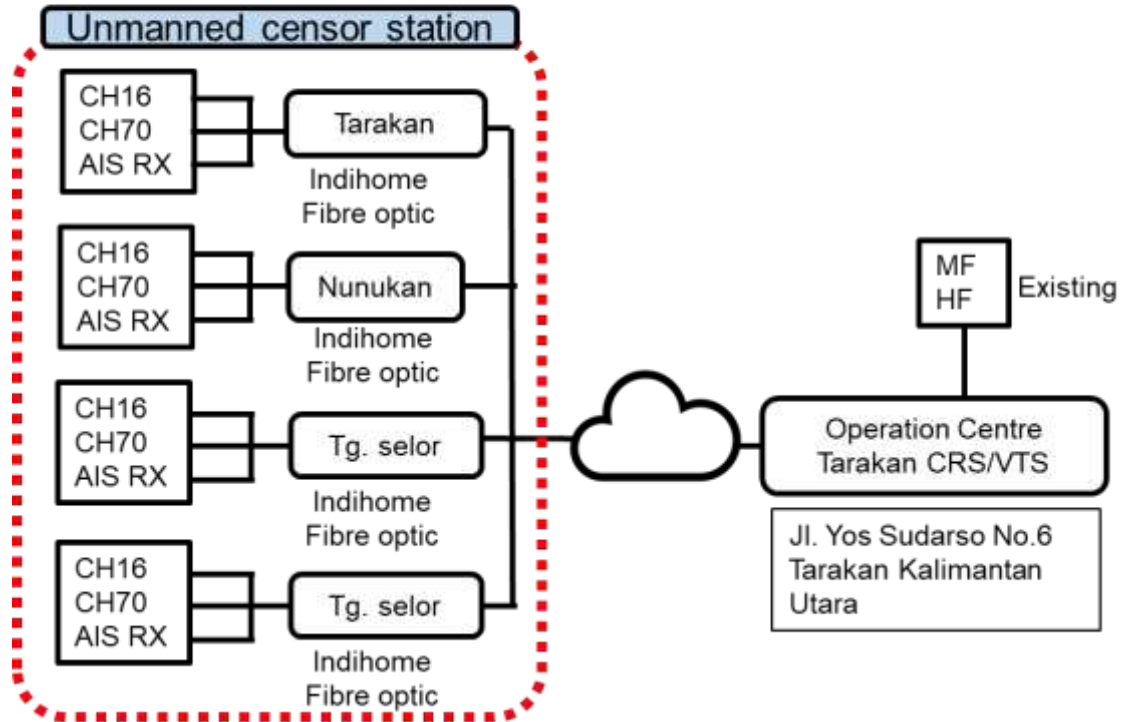


DISNAV Tarakan

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
17	DISNAV Class III Tarakan		Tarakan VTS		X					
		1	Tarakan CRS			X	X			X
		2	Nunukan							X
		3	Tg. Selor							X
		4	Tg Redep							X



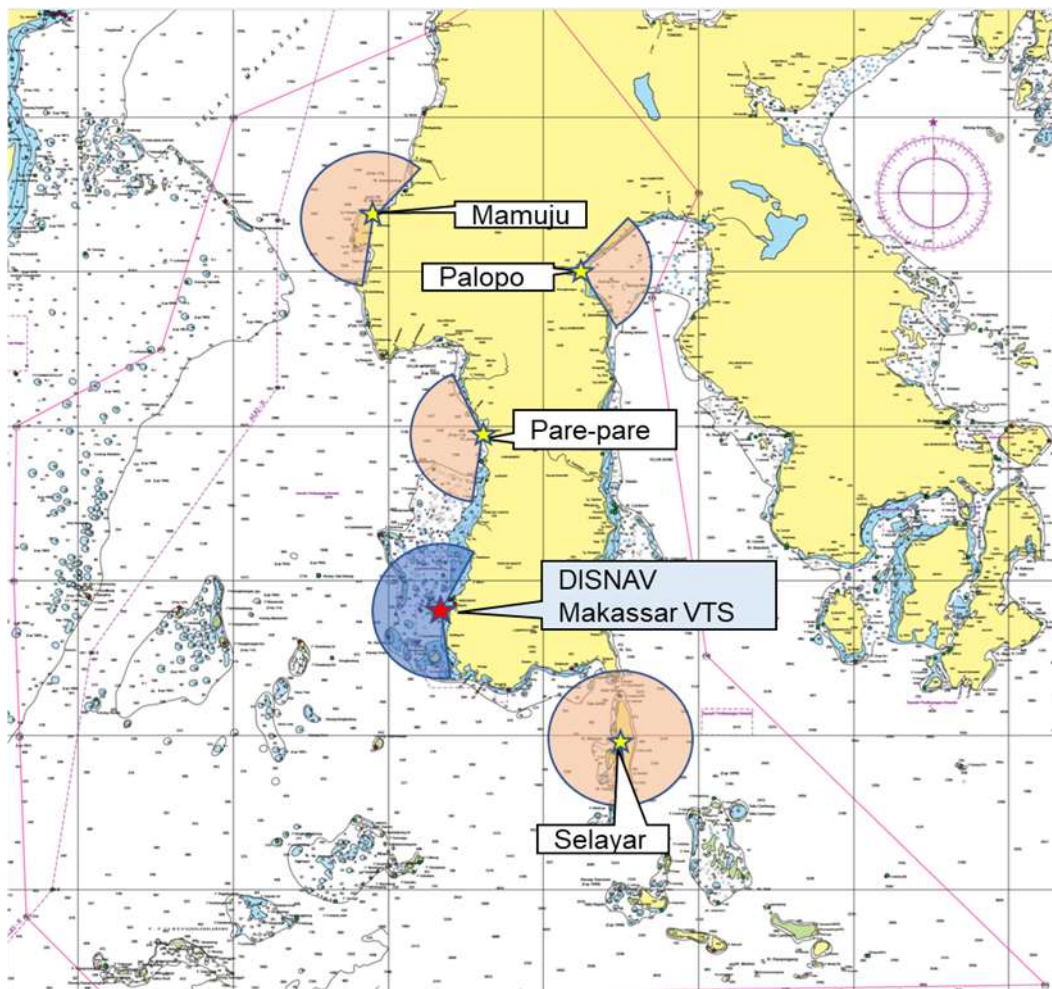
System diagram DISNAV Tarakan



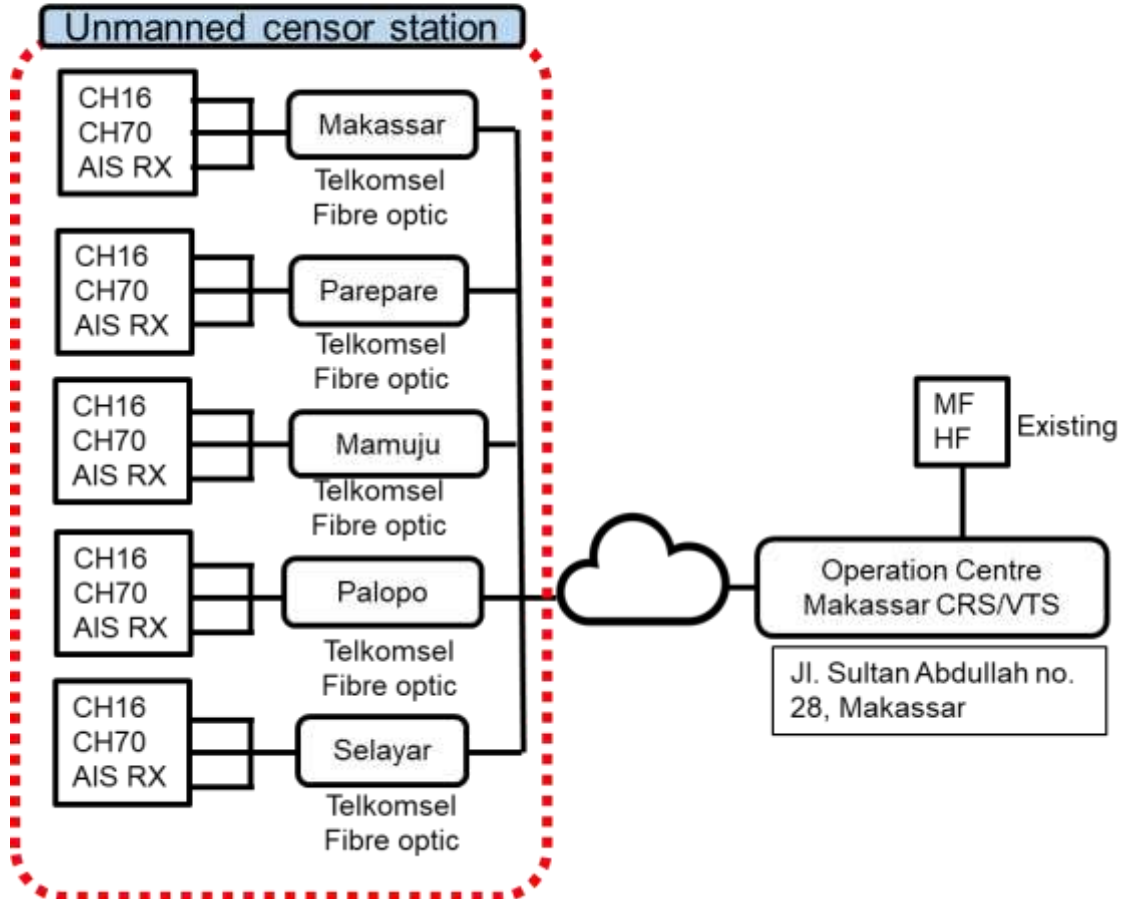
DISNAV Makassar

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
18	DISNAV Class I Makassar		Makassar VTS		X					
		1	Makassar CRS			X	X		X	X
		2	Pare-pare							X
		3	Mamuju							X
		4	Palopo							X
		5	Selayar							X

Consolidate 5 CRS under
 Makassar VTS in VHF & AIS

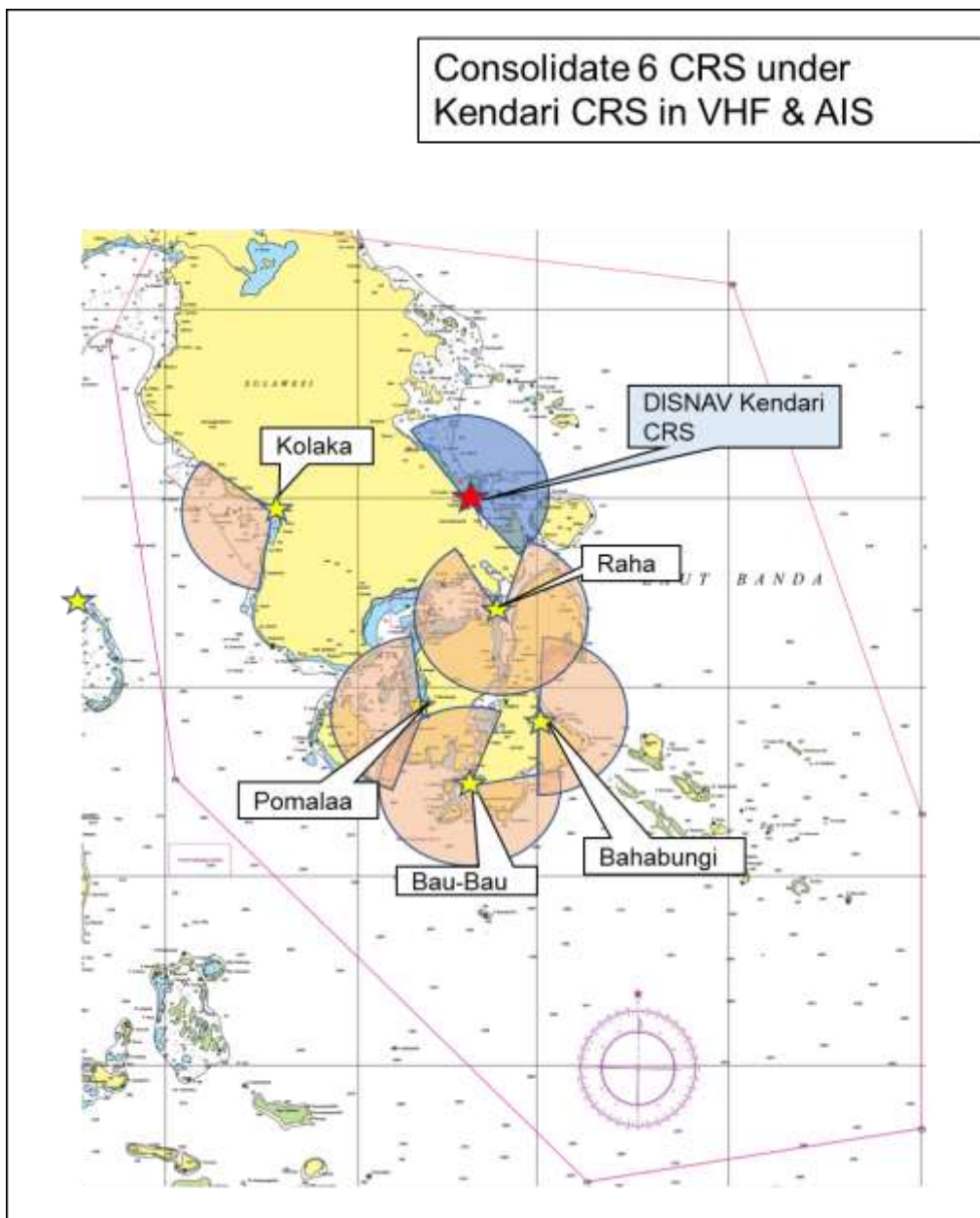


System diagram DISNAV Makassar

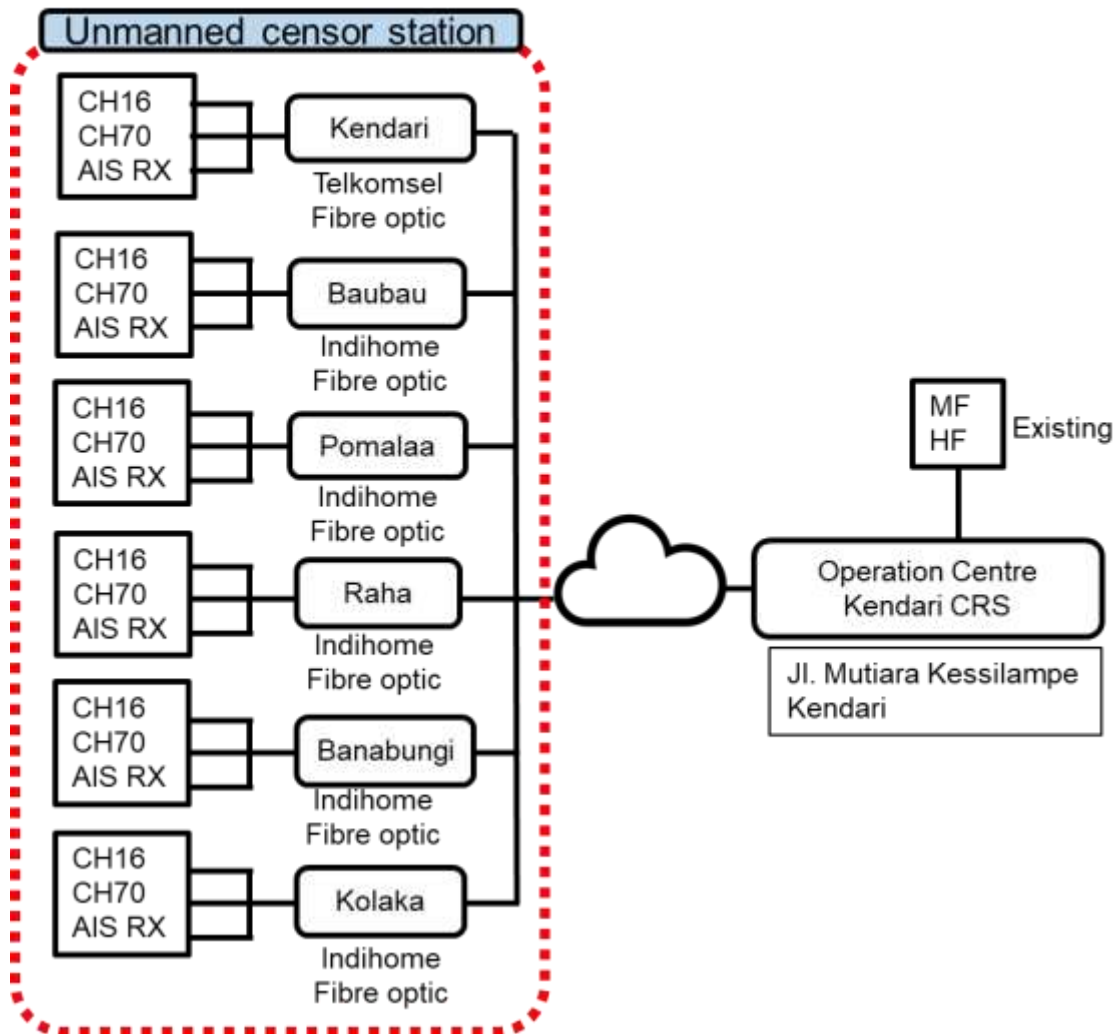


DISNAV Kendari

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
19	DISNAV Class III Kendari	1	Kendari	X		X	X	X		
		2	Bau-bau							X
		3	Pomalaa							X
		4	Raha							X
		5	Banabungi							X
		6	Kolaka							X

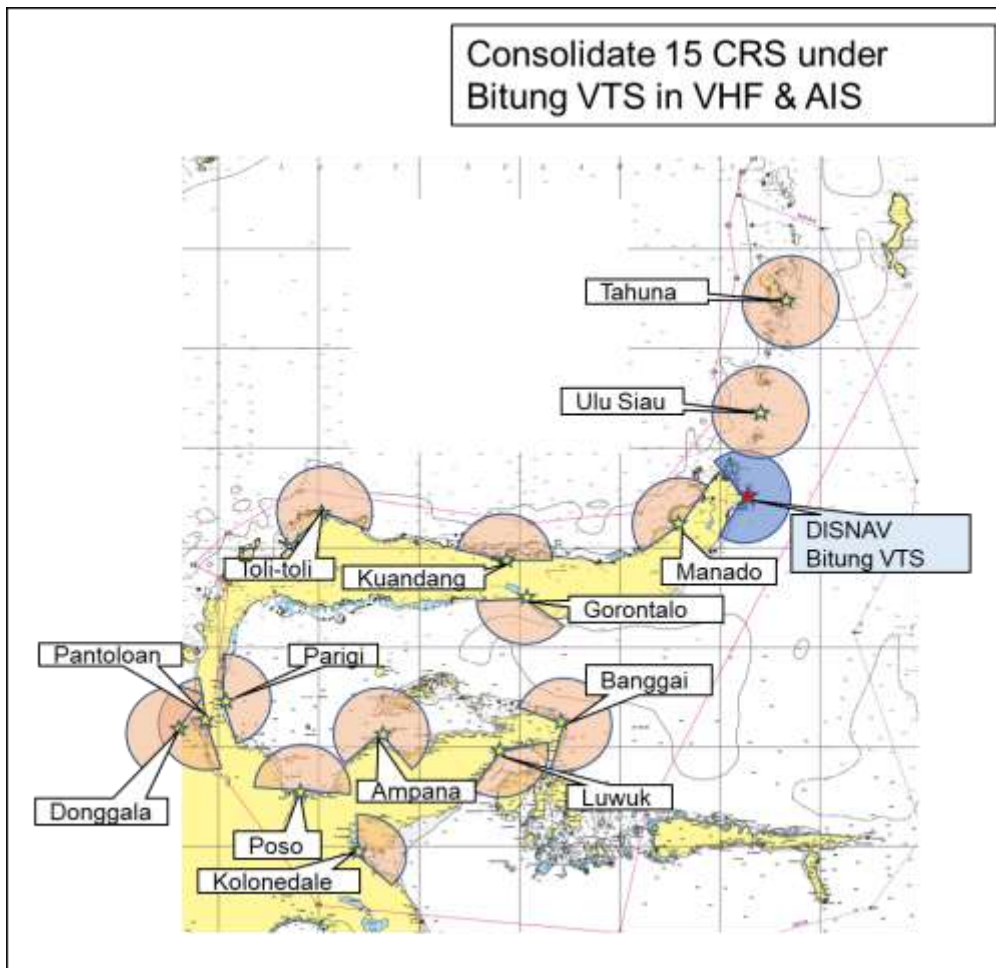


System diagram DISNAV Kendari

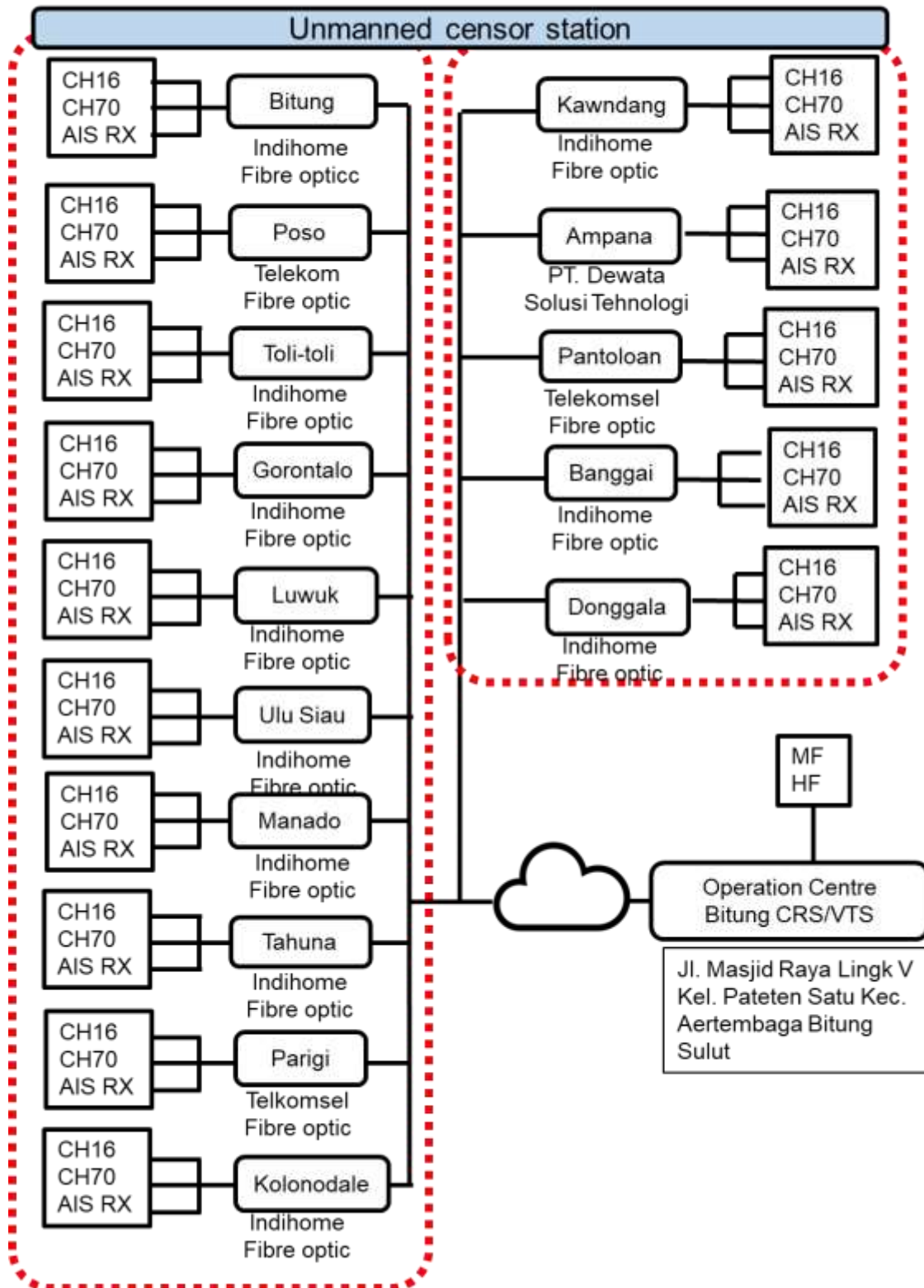


DISNAV Bitung

				Operation		Service					
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor	
20	DISNAV Class I Bitung		Bitung VTS		X						
		1	Bitung CRS			X	X				X
		2	Poso								X
		3	Toli-toli								X
		4	Gorontalo								X
		5	Luwuk								X
		6	Ulu Siau								X
		7	Manado								X
		8	Tahuna								X
		9	Parigi								X
		10	Kolonedale								X
		11	Kuandang								X
		12	Ampana								X
		13	Pantoloan								X
		14	Banggai								X
15	Donggala								X		

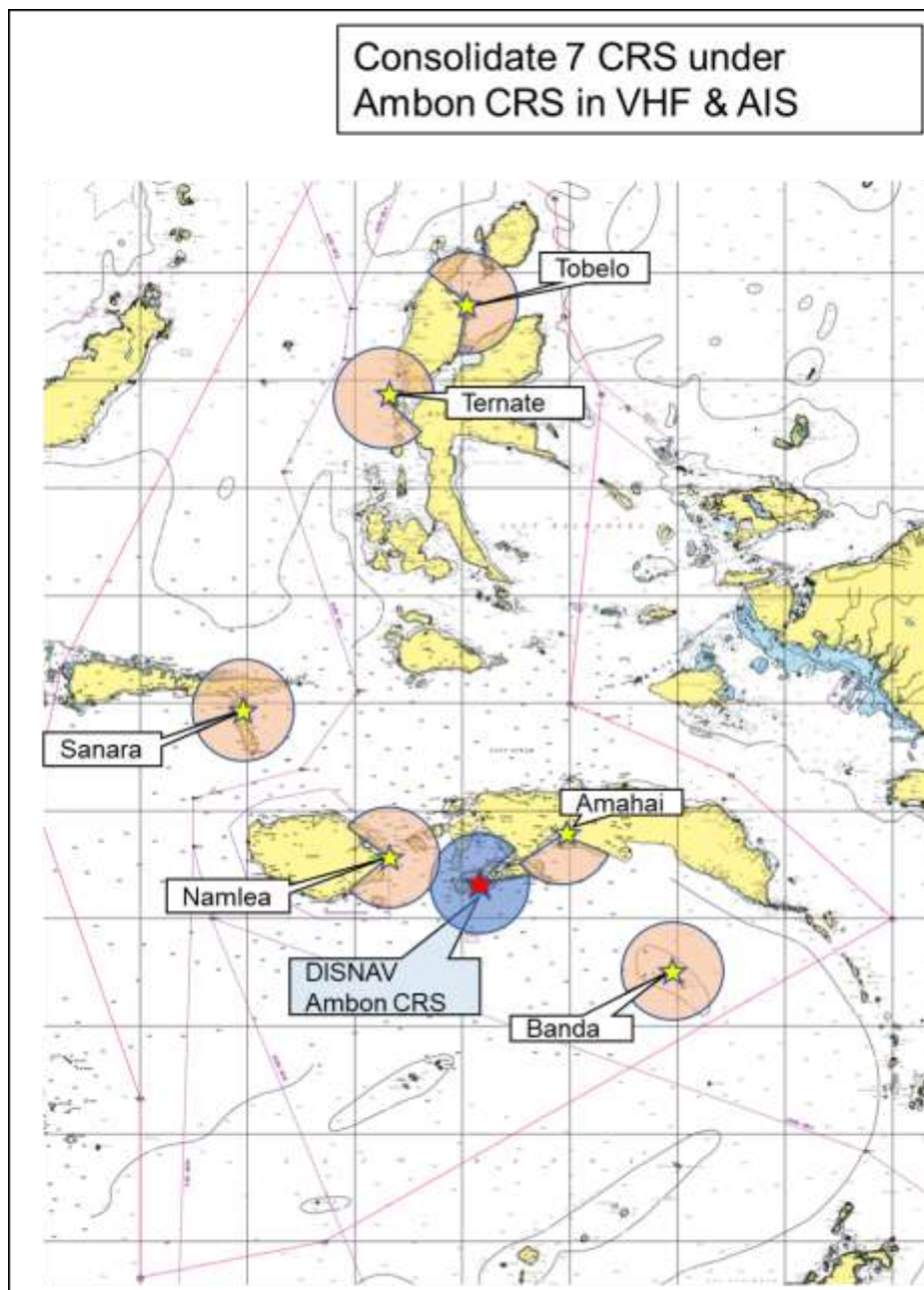


System diagram DISNAV Bitung

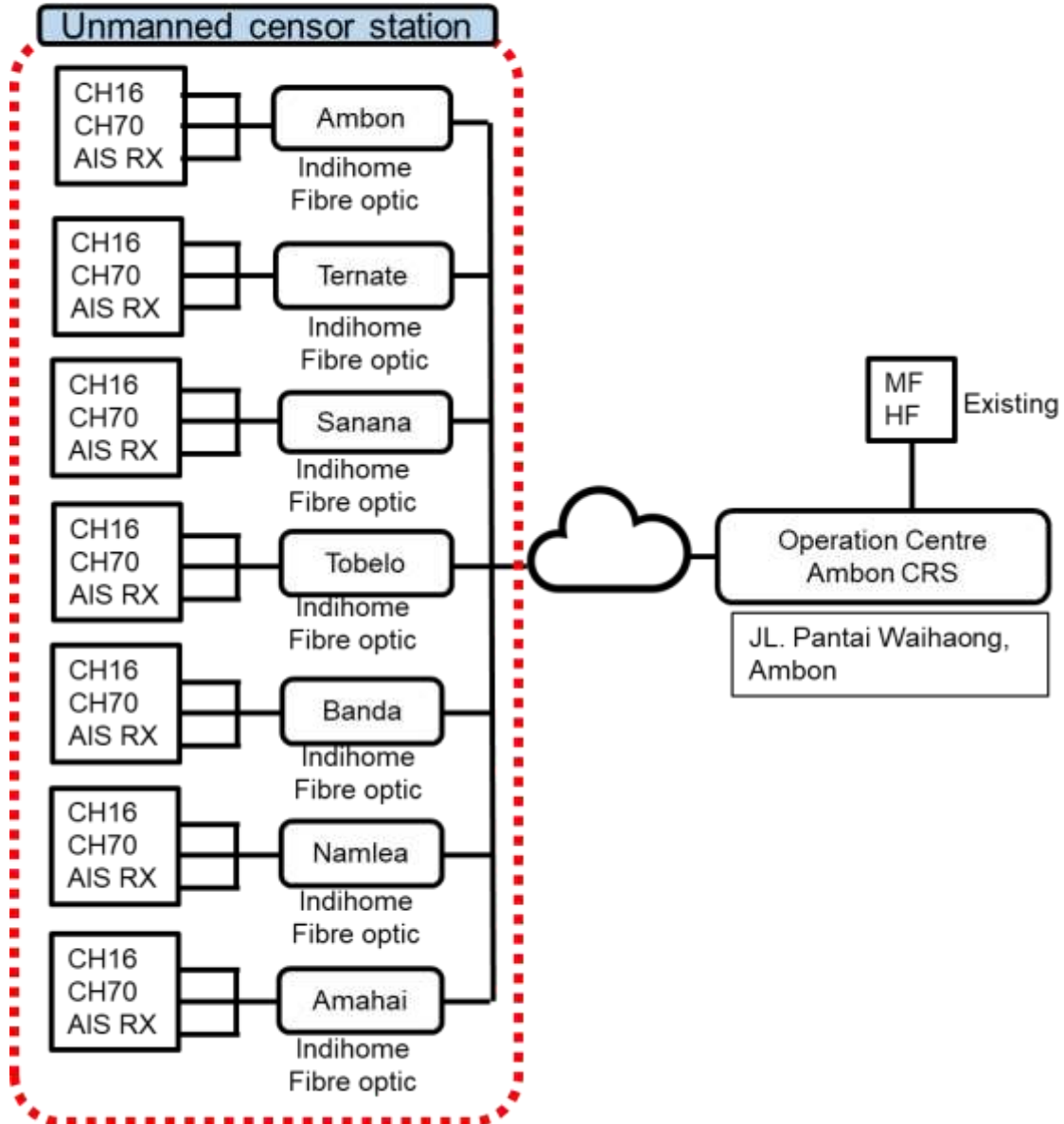


DISNAV Ambon

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
21	DISNAV Class I Ambon	1	Ambon	X		X	X	X	X	
		2	Ternate							X
		3	Sanana							X
		4	Tobelo							X
		5	Banda							X
		6	Namlea							X
		7	Amahai							X

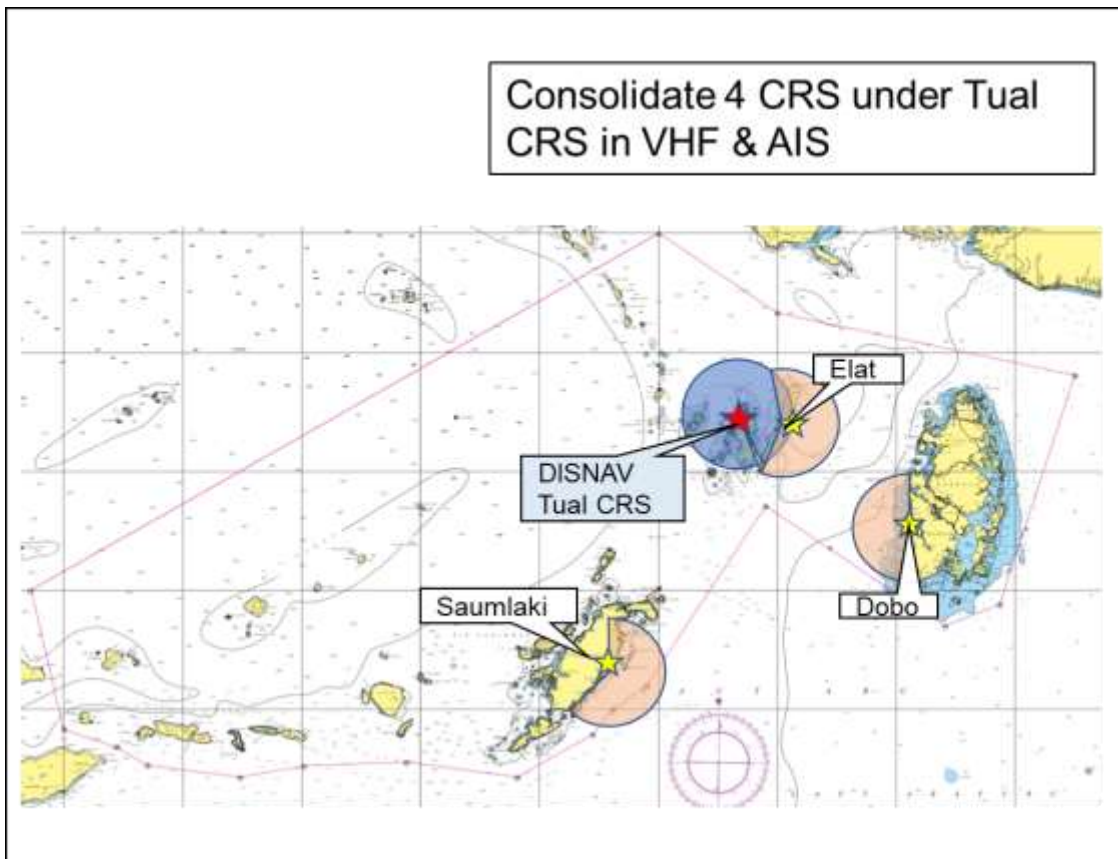


System diagram DISNAV Ambon

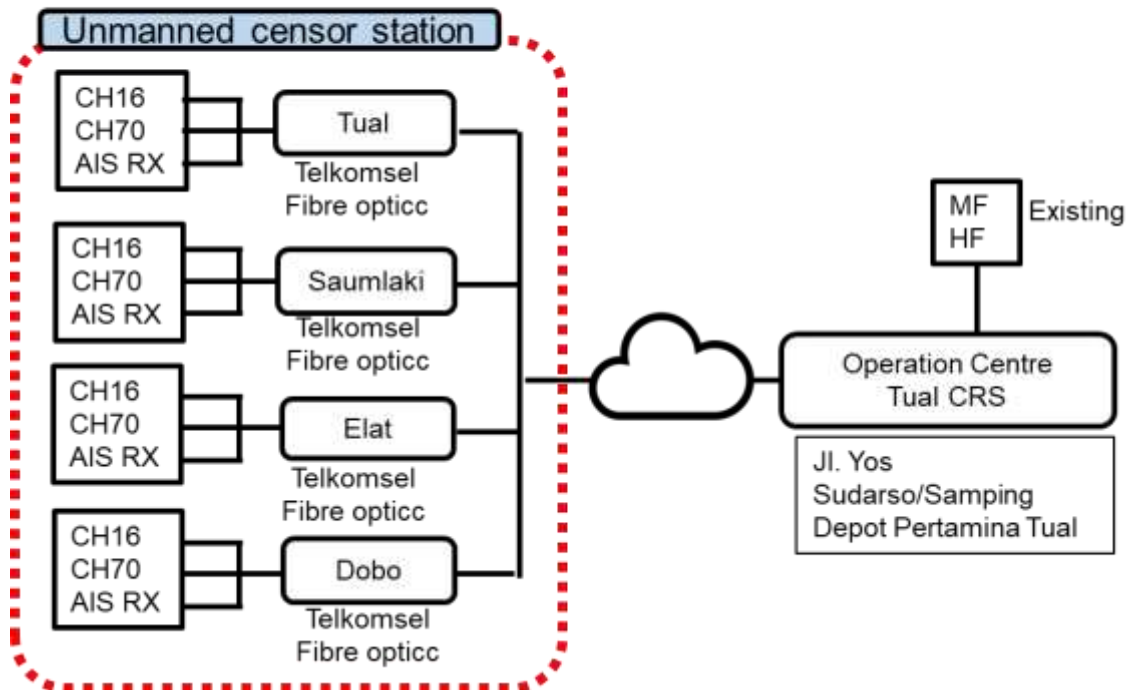


DISNAV Tual

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
22	DISNAV Class III Tual	1	Tual	X		X	X	X		
		2	Saumlaki							X
		3	Elat							X
		4	Dobo							X

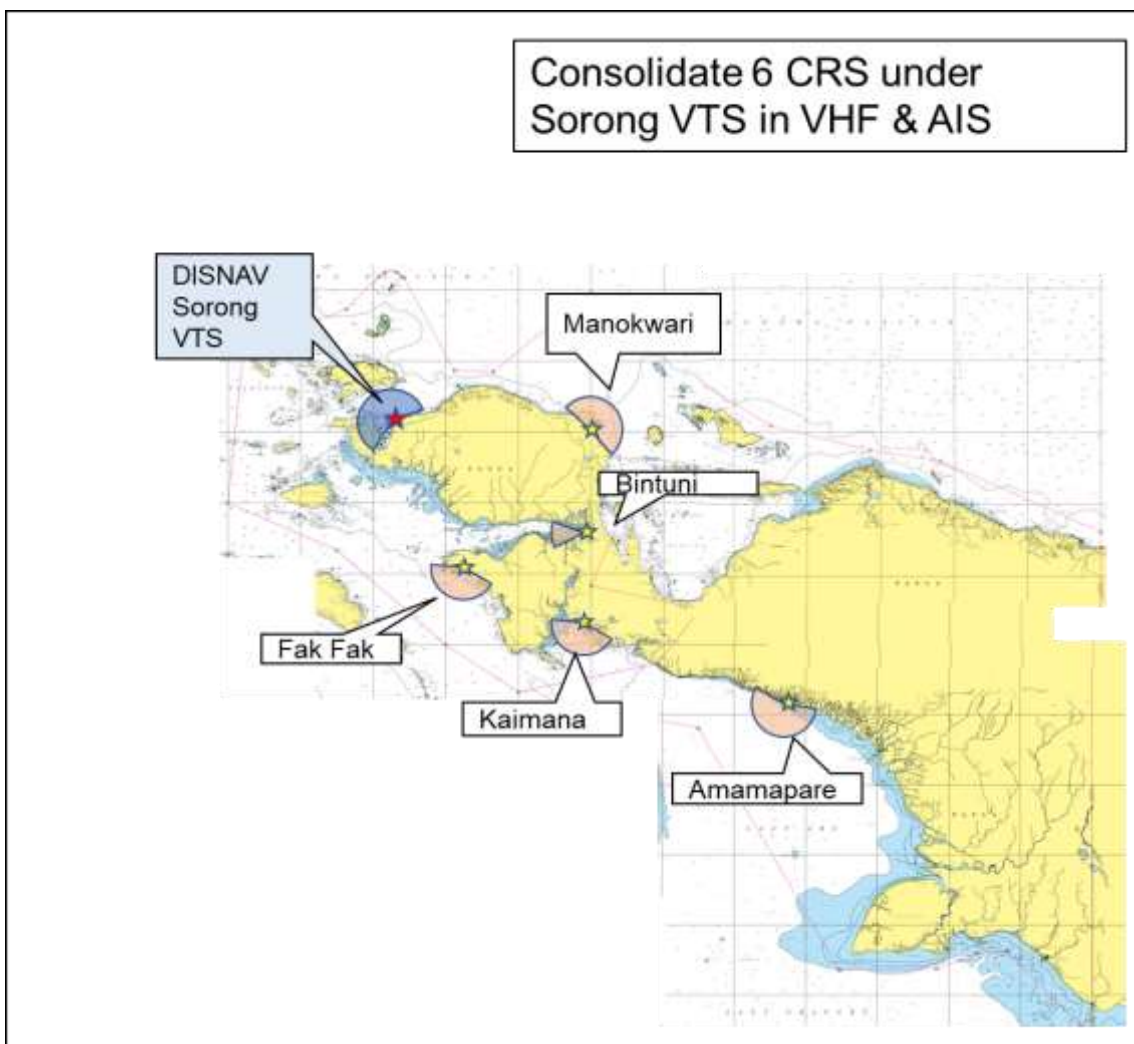


System diagram DISNAV Tual

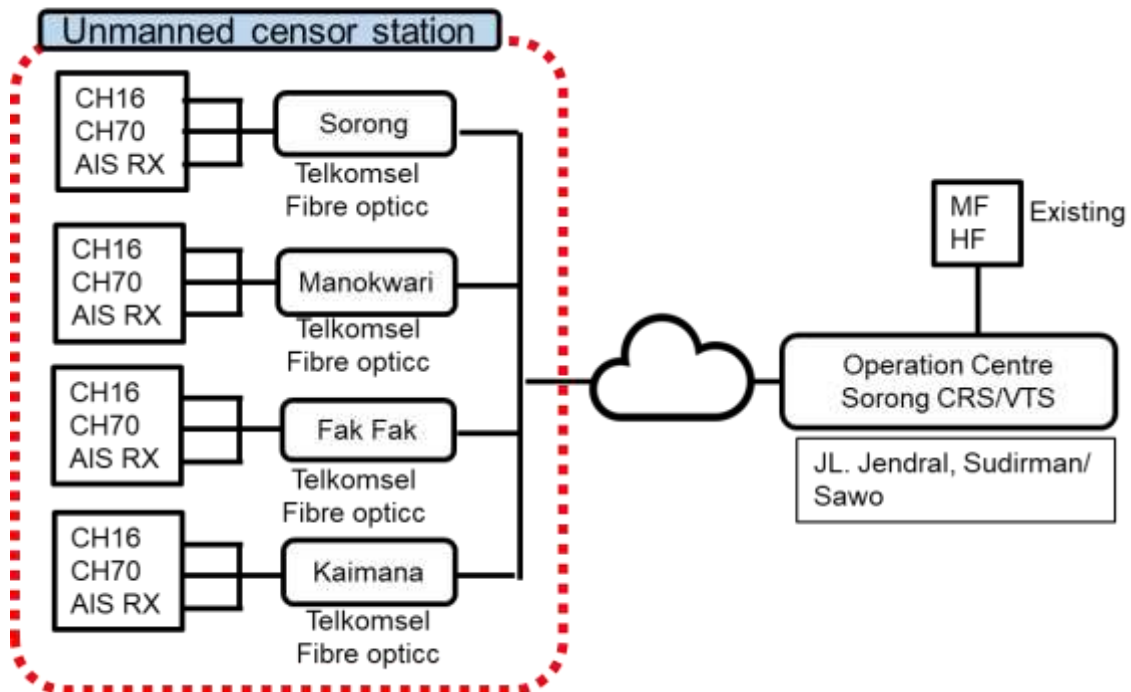


DISNAV Sorong

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
23	DISNAV Class I Sorong		Sorong VTS		X					
		1	Sorong CRS			X	X			X
		2	Manokwari							X
		3	Fak-fak							X
		4	Kaimana							X
		5	Amamapare							X
		6	Bintuni							X

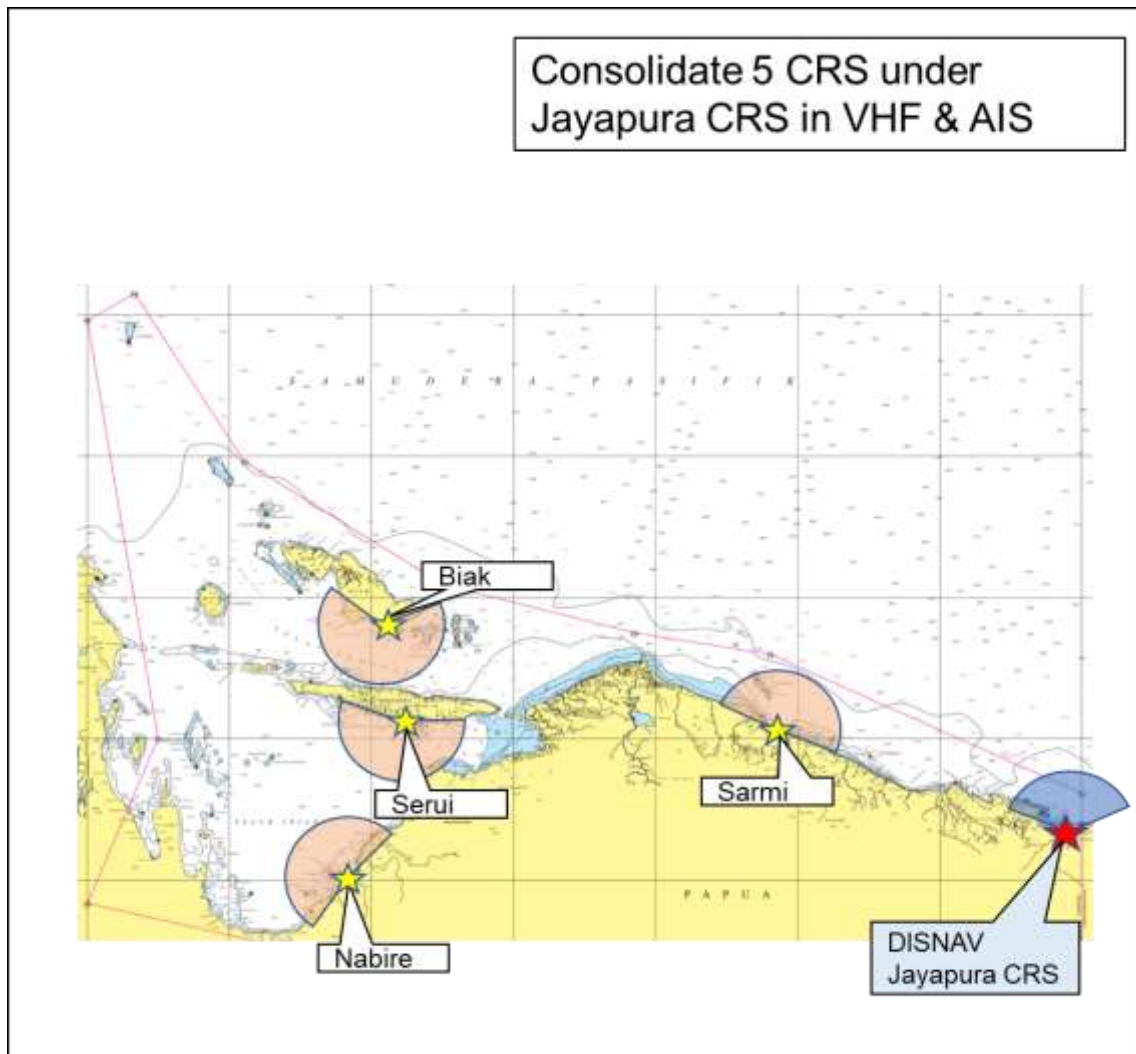


System diagram DISNAV Sorong

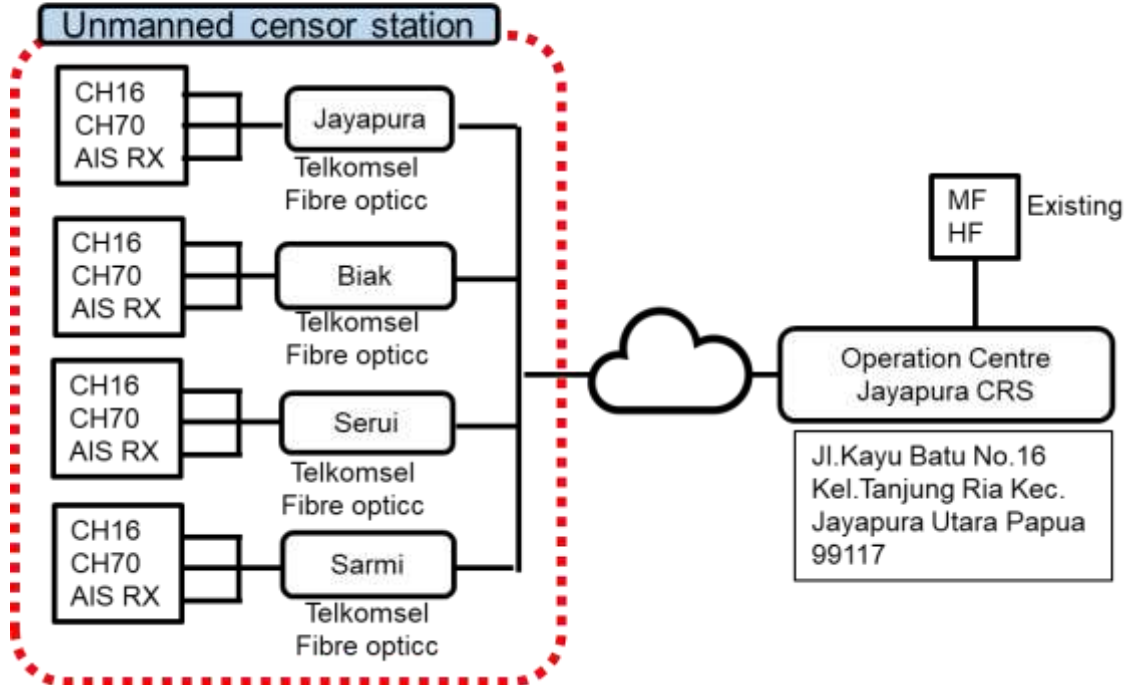


DISNAV Jayapura

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
24	DISNAV Class II Jayapura	1	Jayapura	X		X	X	X	X	
		2	Biak							X
		3	Serui							X
		4	Sarmi							X
		5	Nabire							X



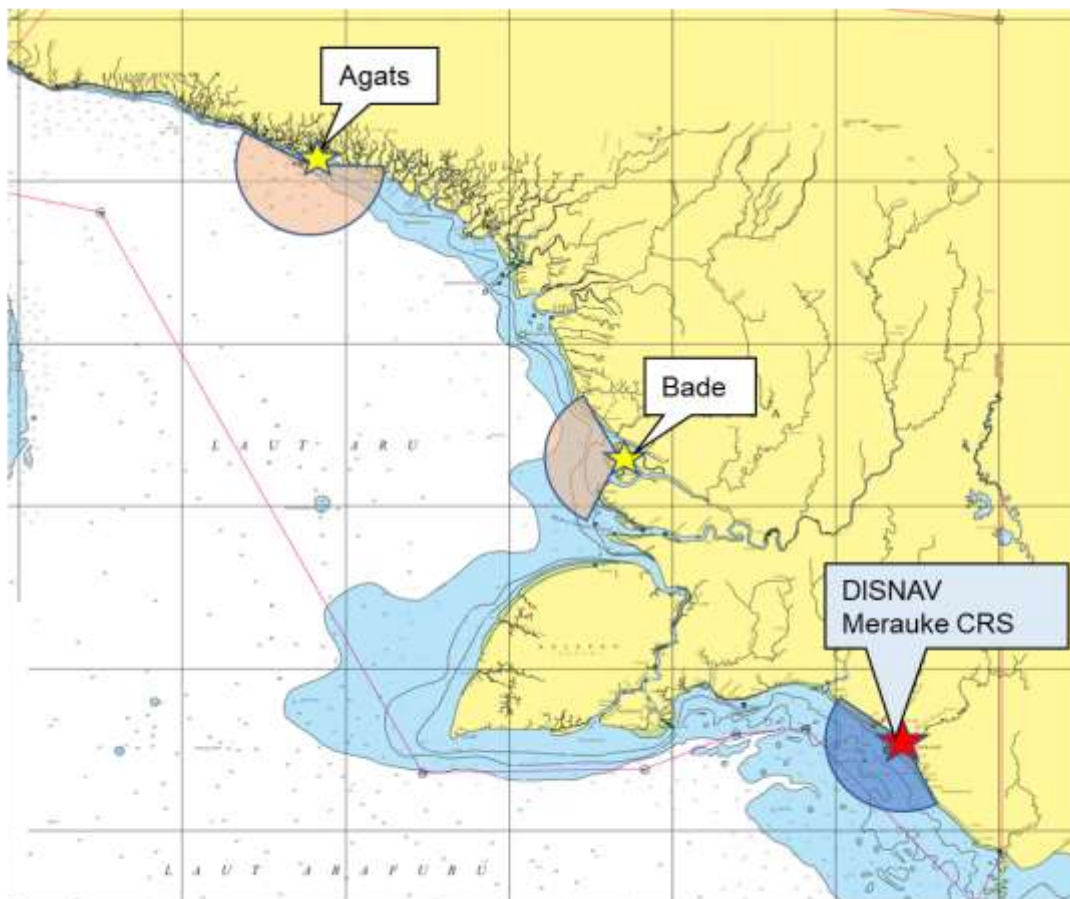
System diagram DISNAV Jayapura



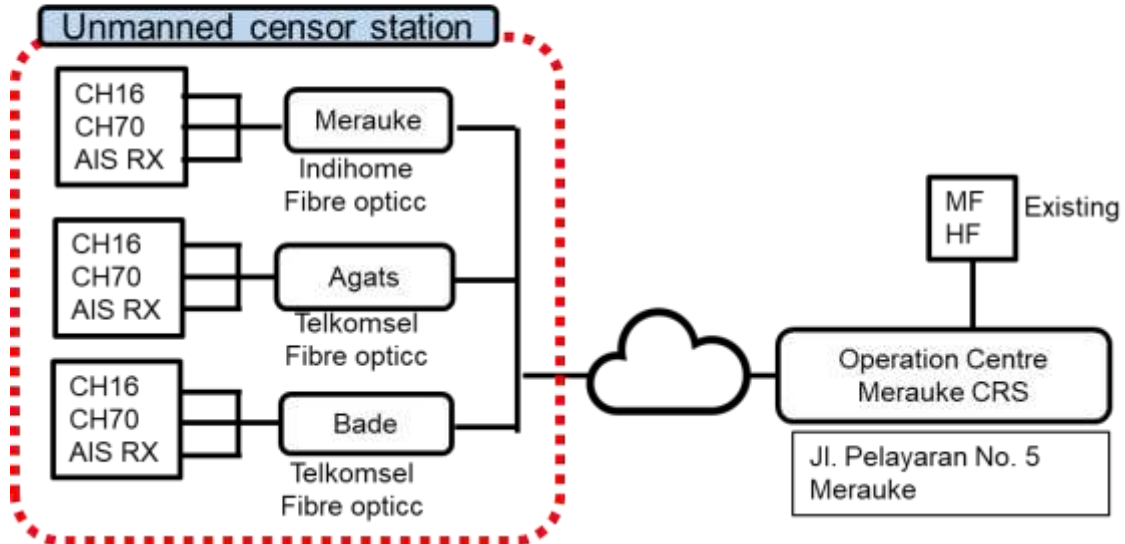
DISNAV Merauke

				Operation		Service				
				CRS	VTS	MF	HF	VHF	Navtex	VHF Sensor
25	DISNAV Class III Merauke	1	Merauke	X		X	X	X		
		2	Agats							X
		3	Bade							X

Consolidate 3 CRS under
 Merauke CRS in VHF & AIS

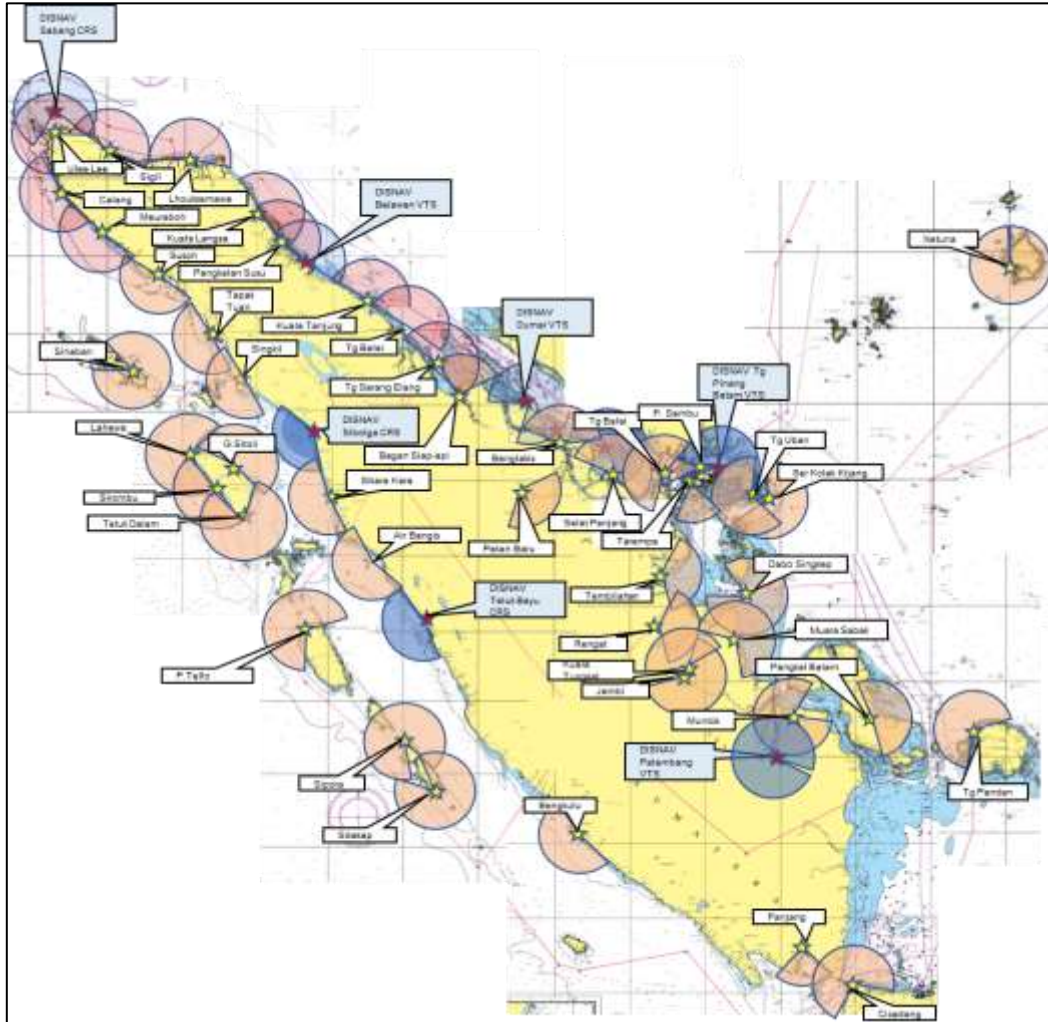


System diagram DISNAV Merauke



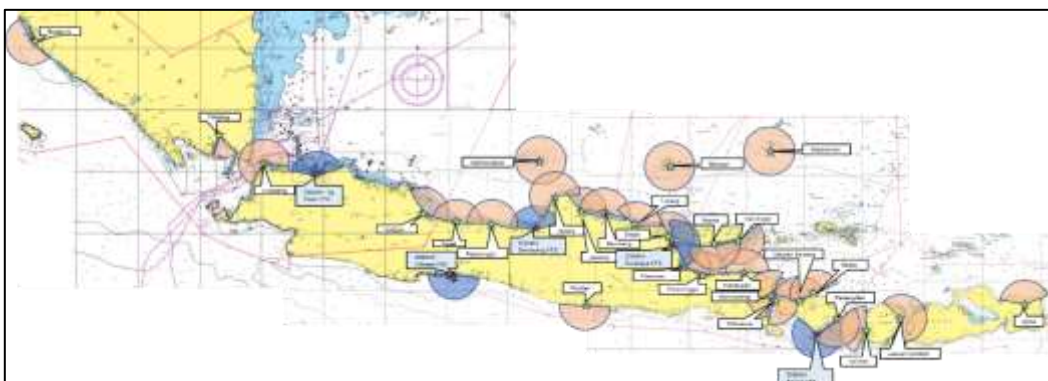
Sumatra 7 DISNAV

Sabang, Belawan, Sibokga, Telok Barur, Dumai, Tg Pinang, Palembang



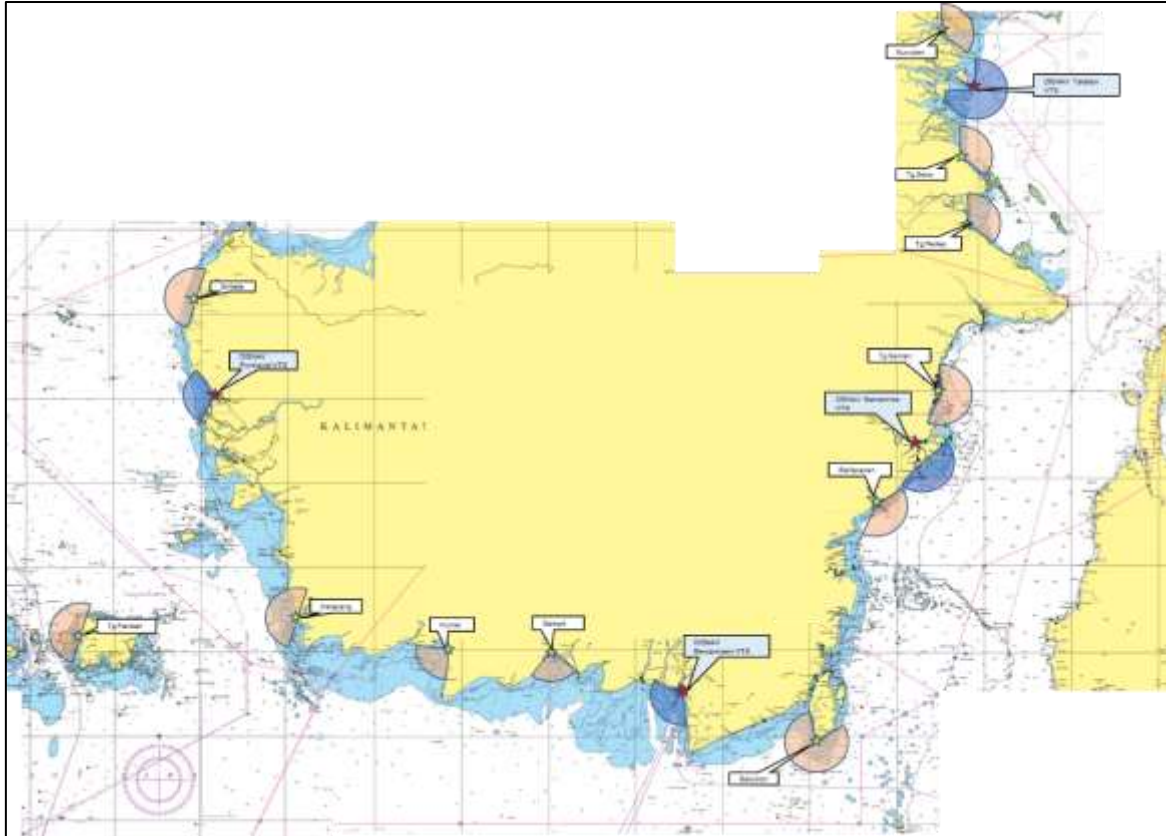
Jawa 5 DISNAV

Tg Priok, Semarang, Surabaya, Cilacap, Benoa



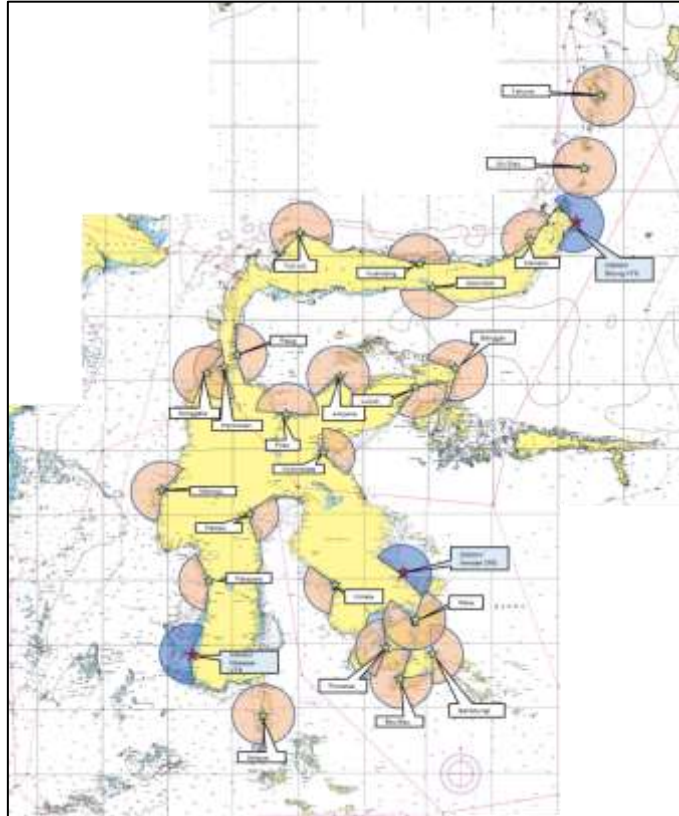
Kalimantan 4 DISNAV

Pontianak, Banjarmasin, Samarinda, Tarakan



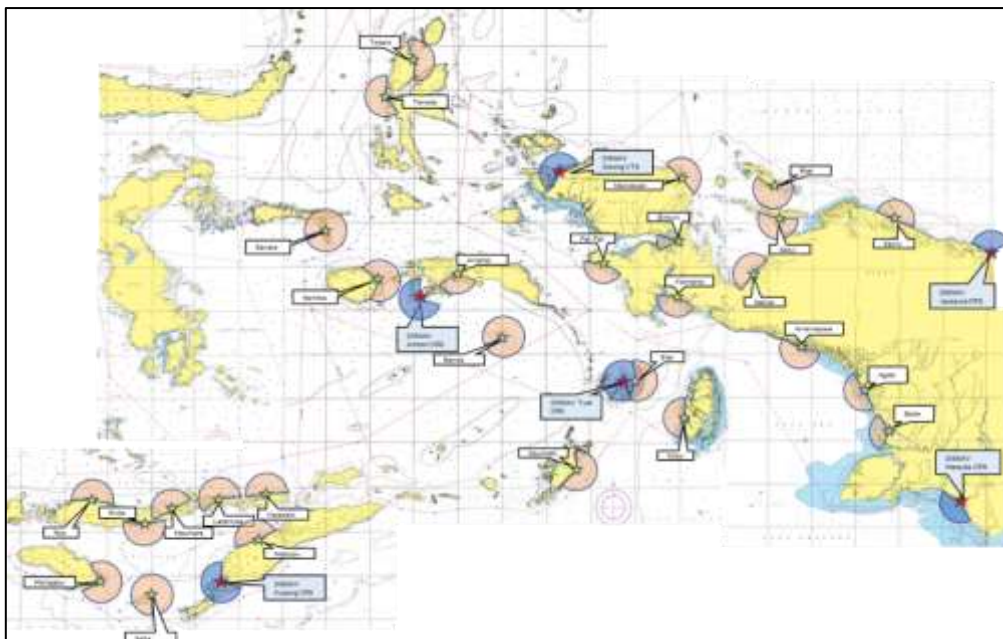
Sulawesi 3 DISNAV

Makassar, Kendari, Bitung



West Indonesia 6 DISNAV

Kupang, Ambon, Tual, Sorong, Jayapura, Merauke



Appendix 4.2.13 -1

Number of Ship Calls and Volume of
Cargo Handling at 496 Ports

List of 496 ports statistics in 2020

(Source; Badan Pusat Statistik and Pelabuhan Laut-SIMOPPEL/Port Authority-SIMOP)

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)
A	1	Aceh	Lhokseumawe		389
A	2		Malayahati-Lhoknga-Ulee Lheu		-
A	3		Meulaboh		-
A	4		Sabang-Balohan		-
A	5		Kuala Langsa		-
A	6			Sinabung	226
A	7			Pulau Sarok Singkil	278
A	8			Tapak Tuan	239
A	9			Susoh	34
A	10			Calang	80
A	11			Pulau Banyak	208
A	12	Sumatera Utara	Belawan		3,896
A	13		Kuala Tanjung		-
A	14		Tanjung Balai Asahan		-
A	15		Gunung Sitoli		-
A	16		Pangkalan Susu		-
A	17	Riau	Dumai		4,096
A	18		Pekan Baru		1,248
A	19		Rengat		-
A	20		Kuala Enok		-
A	21		Sungai Pakning		-
A	22		Tembilahan		-
A	23		Bengkalis		-
A	24		Bagan Siapi-Api		-
A	25		Selat Panjang		-
A	26		Sei Apit		-
A	27		Kurau / Selat Lalang		-
A	28		Lubuk Muda		-
A	29		Bukit Batu		-
A	30		Tanjung Samak		-
A	31		Melibur / Belitung		-
A	32			Bandul	975
A	33			Sungai Guntung	7,229
A	34			Kuala Gaung	2,357
A	35			Tg. Medang	1,679
A	36			Sinaboi	264
A	37		Parigi Raja	445	

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)
A	38	Riau		Kuala Mandah	493
A	39			P. Kijang	595
A	40			Sapat	203
A	41			Penyalai	2,876
A	42	Sumatera Selatan	Palembang		5,139
A	43			Nipah Panjang	1,824
A	44			Kuala Mendahara	436
A	45			Sungai Lumpur	715
A	46	Lampung	Panjang		4,891
A	47			Kota Agung	1,333
A	48			Labuhan Maringgai	88
A	49			Kalianda	210
A	50			Way Seputih	59
A	51			Kuala Teladas	119
A	53	Kepulauan Riau	Tanjung Pinang		14,124
A	54		Batam/Tg Balai		60,392
A	55		Pulau Sambu / Pulau Bulan		1,961
A	56		Tg. Batu Kundur		9,154
A	57		Dabo Singkep		2,053
A	58		Senayang		598
A	59		Tarempa		1,105
A	60		Sri Bayintan		588
A	61		Sri Bayintan (Khusus)		62
A	62		Moro		7,175
A	63		Penyalai		3,156
A	64		Tj. Berlian		4,529
A	65		Durai		1,170
A	66		Sikumbang Kundur		11,070
A	67		Bulang Linggi Tanjung Uban		6,242
A	68		Bandar Bentan Telani Lagoi		613
A	69		Bandar Seri Udara Lobam		551
A	70		Bintan Lagoon		2
A	71		Midai		222
A	72		Ranai		606
A	73	Sedanau		420	
A	74	Serasan		348	
A	75	Subi		211	

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)	
A	76	Kepulauan Riau	Daik Lingga		1,361	
A	77		Sei Buluh		404	
A	78		Penuba		1,203	
A	79		Pancur		188	
A	80		Tajur Biru		858	
A	81		Sungai Tenam		938	
A	82		Perairan Batam		910	
A	83		International Center	Batam		4,002
A	84		Beton Batu Ampar			7,195
A	85		Magcobar dan Batu Ampar			1,958
A	86		International Seniba	Teluk		1,229
A	87		Nongsa			10,194
A	88		International Bay	Harbour		1,834
A	89		Nongsa			1,617
A	90		Telaga Punggur			805
A	91		Rempang Galang			95
A	92		Telaga Punggur			9,786
A	93		Kabil			4,905
A	94	Sekupang			15,862	
A	95	Kepulauan Bangka Belitung	Pangkal Balam		-	
A	96		Tanjung Pandan			-
A	97		Toboali			-
A	98		Sei Selan			-
A	99		Tanjung Kalian			-
A	100			Belinyu		336
A	101			Manggar - Dendang		2,364
A	102	Bengkulu		Bengkulu	3	
A	103	Jambi		Nipah Panjang 1)	-	
A	104			Kuala Mendahara		-
B	107	Sumatera Utara	Sibolga		-	
B	108			Sirombu		122
B	109			Lahewa		124
B	110			Sikara-kara / Natal		12
B	111			Barus		840
B	112			Leidong		297
B	113			Tanjung Sarang Elang		557
B	114			Sei Berombang		308
B	115			Tanjung Pura		168

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)
B	116	Sumatera Utara		Pulau Kampai	2,550
B	117			Teluk Dalam	689
B	118			Pulau Tello	628
B	119			Pantai Cermin	342
B	120			Tanjung Bringin	573
B	121			Kuala Serapu	60
B	122			Tapak Kuda	78
B	123			Rantau Panjang	276
B	124			Pantai Labu	381
B	125			Percut	288
B	126	Sumatera Bartat	Teluk Bayur		1,624
B	127		Air Bangis		-
B	128		Muara Padang		-
B	129			Siuban	303
B	130			Sikakap	376
B	131			Tua Pejat	690
B	132			Pokai	458
B	133			Meilepet	503
C	136	DKI Jakarta	Tanjung Priok		11,696
C	137		Sunda Kelapa		-
C	138			Ratu	477
C	139			Pangandaran	24
C	140			Indramayu	260
C	141			Pamanukan	697
C	142			Balongan	647
C	143			Eretan	952
C	144				-
C	145	Jawa Barat	Cirebon		-
C	146	Jawa Tengah	Tanjung Emas		3,343
C	147		Tanjung Intan		-
C	148		Tegal		-
C	149			Pekalongan	1,422
C	150			Rembang	510
C	151			Juwana	2,733
C	152			Jebara	1,361
C	153			Karimunjawa	846
C	154			Batang	274
C	155			Brebes	887
C	156			-	

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)
C	157	Jawa Timur	Tanjung Perak		11,909
C	158		Tanjung Wangi		-
C	159	Jawa Timur	Gresik		-
C	160		Tanjung Tembaga Probolinggo		-
C	161		Panarukan		-
C	162		Kalianget		-
C	163		Pasuruan		-
C	164			Kalbut	1,914
C	165			Brondong	6,265
C	166			Bawean	524
C	167			Telaga Biru	90
C	168			Branta	418
C	169			Sepekan	1,403
C	170			Sapudi	1,759
C	171			Masalembu	874
C	172			Jangkar	695
C	173			Meimbo	45
C	174			Tambak	81
C	175		Camar	67	
C	176		Karamean	251	
C	177	Banten	Banten		18,066
C	178		Cigading		-
C	179			Labuhan	600
C	180			Karangantu	833
C	181			Panimbang	184
C	182			M. Binuangeun	112
C	183			Cituis	1,007
D	186	Kalimantan Barat	Pontianak		2,354
D	187		Sintete		-
D	188		Ketapang		-
D	189		Pemangkat		-
D	190		Singkawang		-
D	191			Paloh / Sekura	15
D	192			Kandawangan	2,349
D	193			Teluk Melano	1,485
D	194			Sukaharja - GM Sauna	859
D	195	Kalimantan Tengah	Sampit		-
D	196		Kumai		-
D	197		Pangkalan Bun		-

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)
D	198	Kalimantan Tengah	Sukamara		-
D	199		Kuala Pembuang		-
D	200		Pulang Pisau		-
D	201			Kintap - Sungai Putting	5,402
D	202			Sei Danau	20,126
D	203	Kalimantan Selatan	Banjarmasin		33,498
D	204		Batu Licin		-
E	207	Bali	Benoa		667
E	208		Padang Bai		-
E	209		Celukan Bawang		-
E	210			Nusa Penida	4,886
E	211			Buleleng	66
E	212			Labuhan Lalang	205
E	213			Kusamba	5,082
E	214			Sangsit	242
E	215			Nusa Lembongan	4,163
E	216			Sanur	2,157
E	217			Buyuk	2,310
E	218	Kalimantan Timur	Balikpapan		6,595
E	219		Samarinda		25,997
E	220			Tanah Grogot	2,231
E	221			Tanjung Santan	1,153
E	222			Sangata	1,804
E	223			Kuala Samboja	583
E	224			Sangkurilang	2,061
E	225			Tg. Redeb	3,330
E	226			Bontang	3,695
E	227				-
E	228	Kalimantan Utara	Malundung Tarakan		-
E	229		Nunukan		-
E	230			P. Bunyu	2,995
E	231			Tg. Selor	2,919
E	232			Sungai Nyamuk	448
E	233	Sulawesi Utara	Bitung		2,612
E	234		Manado		-
E	235			Tahuna	594
E	236			Labuhan Uki	1,159
E	237			Lirung	762
E	238			Likupang	565

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)
E	239	Sulawesi Utara		Ulu Siau	1,046
E	240			Belang	542
E	241			Kotabunan	3,378
E	242			Pehe Siau	156
E	243			Tagulandang	1,398
E	244			Biaro	515
E	245				-
E	246	Gorontalo	Gorontalo		-
E	247			Tilamuta	1,864
E	248	Sulawesi Tenggara	Toli-Toli		-
E	249		Pantoloan		-
E	250			Kwandang	120
E	251			Anggrek	258
E	252			Bau-bau	-
E	253			Pomalaa	-
E	254			Raha	-
E	255			Langara	-
E	256			Kolaka	-
E	257			Lasalimu -Kamaru	-
E	258			Banabungi	-
E	259			Talaga	-
E	260			Waara	-
E	261			Tampo	-
E	262			Tondasi	-
E	263			Maligano	-
E	264			Dawi Dawi	-
E	265			Wolo	-
E	266			Torobulu	-
E	267			Lapuko	-
E	268			Sikeli	-
E	269			Boepinang	-
E	270			Kasipute	-
E	271			Dongkala	-
E	272			Kaledupa	-
E	273			Wanci	-
E	274			Tomia	-
E	275		Tobaku	-	
E	276		Waode Buri	-	
E	277		Ereke	-	

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)
E	278	Sulawesi Tenggara		Molawe	-
E	279			Jembatan Batu	-
E	280			Poso	208
E	281			Banggai	2,709
E	282			Bunta	178
E	283			Pagimana	288
E	284			Luwuk	3,832
E	285			Kolonodale	2,248
E	286			Ogoamas	159
E	287			Wani	1,842
E	288			Leok	160
E	289			Parigi	91
E	290			Moutong	57
E	291			Ampana	2,762
E	292			Salakan	292
E	293			Wakai	979
E	294			Dolong / Papoli	439
E	295	Sulawesi Selatan	Makasar		4,075
E	296		Pare-Pare		-
E	297		Paotere		-
E	298			Benteng / Selayar	1,270
E	299			Jampea	1,836
E	300			Bulukumba	540
E	301			Bungeng Jenepono	918
E	302			Sinjai	1,051
E	303			Biringkasi	2,474
E	304			Awerange - Barru	127
E	305			Patirro Bajo	154
E	306			Siwa	899
E	307			Malili	628
E	308			Tanjung Ringgit Palopo	240
E	309			Pamatata	693
E	310			Pattumbukan	130
E	311			Bira / Tanah Beru	872
E	312		Bantaeng	207	
E	313		Galesong Takalar	957	
E	314		Tujuh Tujuh	1,020	
E	315		Garongkong	262	
E	316		Bajoe	1,451	

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)	
E	317	Sulawesi Selatan		Uloe / Cenrana	13	
E	318			Kading Barebbo	32	
F	321	Nusa Tenggara Timur	Tenau Kupang		625	
F	322		Waingapu		-	
F	323		Kalabahi		-	
F	324		Loresay Maumere		-	
F	325		Ende Ippi		-	
F	326		Wuring		-	
F	327		Aimere		-	
F	328		Maumbawa		-	
F	329			Labuhan Lombok Kavangan	-	187
F	330			Calabai		155
F	331			Sape		390
F	332			Pemenang - Tanjung		1,514
F	333			Labuhan Haji		12
F	334			Kempo		55
F	335			Benete		1,009
F	336			Sabu Seba - Raijua		909
F	337			Atapupu		421
F	338			Larantuka		7,481
F	339			Marapokot		361
F	340			Kendidi Reo		932
F	341			Baa / Rote		536
F	342			Labuhan Bajo		7,241
F	343			Waikelo		502
F	344			Bolak Kupang		1,282
F	345			Wini		214
F	346			Lewoleba		3,872
F	347			Waiwerang - Terong		1,965
F	348			Manangga		1,583
F	349		Pante Baru		513	
F	350		Papela		34	
F	351				-	
F	352	Nusa Tenggara Barat	Lembar		-	
F	353		Badas		-	
F	354		Bima		-	
F	355		Labuhan Lombok Kayangan	-	-	
F	356		Calabai		-	

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)
F	357	Nusa Tenggara Barat	Sape		-
F	358		Pemenang - Tanjung		-
F	359		Labuhan Haji		-
F	360		Kempo		-
F	361		Benete		-
F	362	Sulawesi Barat		Majene	449
F	363			Polewali	32
F	364			Mamuju	183
F	365			Belang-Belang	440
F	366			Palipi	152
F	367			Pamboang	267
F	368			Tinambung	132
F	369			Campalagian	104
F	370			Budong Budong	665
F	371			Sampaga	14
F	372			Pasang Kayu	340
F	373			Bambaloka Bonemanieng - Cinoki	93
F	374		Sulawesi Tenggara	Kendari	
F	375			Bau-bau	9,128
F	376			Pomalaa	653
F	377			Raha	2,985
F	378			Langara	1,216
F	379			Kolaka	237
F	380			Lasalimu -Kamaru	734
F	381			Banabungi	254
F	382			Talaga	1,329
F	383			Waara	8,138
F	384			Tampo	1,613
F	385			Tondasi	197
F	386			Maligano	79
F	387			Dawi Dawi	31
F	388			Tanggetada	5
F	389			Wolo	303
F	390			Torobulu	743
F	391			Lapuko	176
F	392			Sikeli	1,473
F	393			Boepinang	406
F	394		Kasipute	997	
F	395		Dongkala	319	

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)
F	396	Sulawesi Tenggara		Kaledupa	334
F	397			Wanci	3,604
F	398	Sulawesi Tenggara		Tomia	789
F	399			Tobaku	1,174
F	400			Waode Buri	46
F	401			Ereke	171
F	402			Molawe	4,894
F	403			Jembatan Batu	309
F	404		Maluku	Ambon	
F	405	Bandaneire			-
F	406			Saumlaki	836
F	407			Tulehu	930
F	408			Namlea	500
F	409			Dobo	1,287
F	410			Tual	2,519
F	411			Wahai	224
F	412			Amahai	1,486
F	413			Geser	216
F	414			Wonreli	481
F	415			Leksula	312
F	416			Adaut	134
F	417			Larat	392
F	418			Elat	1,041
F	419			Haria	171
F	420			Bula	698
F	421			Tehoru	194
F	422			Kairatu	110
F	423			Piru	28
F	424			Kataloka / Odor	16
F	425			Kaiwatu / Moa	517
F	426			Tepa	380
F	427			Serwaru	355
F	428			Ilwaki	153
F	429			Wulur	167
F	430			Kroing	143
F	431			Lirang	193
F	432			Namrole	359
F	433			Kur	202
F	434		Tayando	225	

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)
F	435	Maluku		Daruba	731
F	436			Sanana	1,032
F	438	Maluku Utara	Ternate		-
F	439			Daruba	859
F	440			Sanana	1,415
F	441			Labuha / Babang	853
F	442			Tobelo	716
F	443			Jailolo	489
F	444			P. Gebe	1,503
F	445			Buli	133
F	446			Soa Sio	43
F	447			Loloda	824
F	448			Bataka	333
F	449			Weda	293
F	450			Patani	488
F	451			Dofa	1,038
F	452			Falabisahaya	795
F	453			Laiwui	1,357
F	454			Kayoa	125
F	455			Makian	986
F	456			Gagumu / Mano	1,533
F	457			Jojame	200
F	458			Kawasi	77
F	459			Wayaloar	90
F	460			Gosowong	413
F	461			Pertamina	263
F	462			Subaim	80
F	463			Gita Payahe	629
F	464			Maidi	281
F	465			Sofifi	617
F	466			Bapenu	434
F	467			Lede	429
F	468			Gela	373
F	469			Jorjoga	147
F	470		Malbufa	1,082	
F	471		Bobong	1,225	
F	472		Tikong	-	
F	474	Papua Barat	Sorong		1,893
F	475		Fak-Fak		-

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)
F	476	Papua Barat	Manokwari		-
F	477		Arar		-
F	478			Kokas	376
F	479			Kaimana	684
F	480			Kuri Pasai Wasior	448
F	481			Bintuni	453
F	482			Teminabuan	1,152
F	483			Saonek	1,122
F	485	Papua	Jayapura		487
F	486		Biak		640
F	487		Merauke		-
F	488			Teluk Kini Nabire	613
F	489			Serui	416
F	490			Amamapare	208
F	491			Pomako	1,267
F	492			Sarmi	158
F	493			Waren	641
F	494			Bade	436
F	495			Habesilam	236
F	496		Agats	611	

List of 496 ports statistics in 2020

(Source; Badan Pusat Statistik and Pelabuhan Laut-SIMOPPEL/Port Authority-SIMOPPEL)

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)	Cargo handling total (GT)
A	1	Aceh	Lhokseumawe		389	1,401,593
A	2		Malayahati-Lhoknga-Ulee Lheu		-	2,190,303
A	3		Meulaboh		-	8,820,652
A	4		Sabang-Balohan		-	55,132
A	5		Kuala Langsa		-	52,850
A	6			Sinabung	226	76,534
A	7			Pulau Sarok Singkil	278	40,603
A	8			Tapak Tuan	239	50,440
A	9			Susoh	34	35,291
A	10			Calang	80	46,387
A	11			Pulau Banyak	208	3,508
A	12	Sumatera Utara	Belawan		3,896	14,885,880
A	13		Kuala Tanjung		-	6,745,054
A	14		Tanjung Balai Asahan		-	457,812
A	15		Gunung Sitoli		-	118,172
A	16		Pangkalan Susu		-	393,068
A	17	Riau	Dumai		4,096	7,614,515
A	18		Pekan Baru		1,248	1,610
A	19		Rengat		-	1,229,250
A	20		Kuala Enok		-	311,233
A	21		Sungai Pakning		-	11,192,857
A	22		Tembilahan		-	1,077,745
A	23		Bengkalis		-	36,185
A	24		Bagan Siapi-Api		-	10,139
A	25		Selat Panjang		-	110,144
A	26		Sei Apit		-	2,373,809
A	27		Kurau / Selat Lalang		-	3,471,508
A	28		Lubuk Muda		-	9,990
A	29		Bukit Batu		-	1,456,466
A	30		Tanjung Samak		-	368,181
A	31		Melibur / Belitung		-	717,080
A	32			Bandul	975	49,148
A	33			Sungai Guntung	7,229	2,178,618
A	34			Kuala Gaung	2,357	608,196
A	35			Tg. Medang	1,679	178,438
A	36			Sinaboi	264	239
A	37		Parigi Raja	445	1,867	

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)	Cargo handling total (GT)
A	38	Riau		Kuala Mandah	493	28,531
A	39			P. Kijang	595	21,482
A	40			Sapat	203	17,576
A	41			Penyalai	2,876	136,732
A	42	Sumatera Selatan	Palembang		5,139	4,226,083
A	43			Nipah Panjang	1,824	-
A	44			Kuala Mendahara	436	-
A	45			Sungai Lumpur	715	2,225,594
A	46	Lampung	Panjang		4,891	-
A	47			Kota Agung	1,333	4,422,531
A	48			Labuhan Maringgai	88	264,309
A	49			Kalianda	210	2,179,035
A	50			Way Seputih	59	20,302
A	51			Kuala Teladas	119	1,653,971
A	53	Kepulauan Riau	Tanjung Pinang		14,124	292,232
A	54			Batam/Tg Balai	60,392	504,567
A	55			Pulau Sambu / Pulau Bulan	1,961	204,241
A	56			Tg. Batu Kundur	9,154	118,150
A	57			Dabo Singkep	2,053	823,258
A	58			Senayang	598	81,250
A	59			Tarempa	1,105	59,076
A	60			Sri Bayintan	588	422,143
A	61			Sri Bayintan (Khusus)	62	83,055
A	62			Moro	7,175	58,079
A	63			Penyalai	3,156	317,842
A	64			Tj. Berlian	4,529	166,415
A	65			Durai	1,170	1,447
A	66			Sikumbang Kundur	11,070	139,305
A	67			Bulang Linggi Tanjung Uban	6,242	47
A	68			Bandar Bentan Telani Lagoi	613	1,018,925
A	69			Bandar Seri Udara Lobam	551	20,586
A	70			Bintan Lagoon	2	278,099
A	71		Midai	222	10,569	
A	72		Ranai	606	30,683	
A	73		Sedanau	420	7,554	
A	74		Serasan	348	103,946	
A	75		Subi	211	8,236	

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)	Cargo handling total (GT)
A	76	Kepulauan Riau	Daik Lingga		1,361	3,330
A	77		Sei Buluh		404	6,495
A	78		Penuba		1,203	11,901
A	79		Pancur		188	11,011
A	80		Tajur Biru		858	1,414,791
A	81		Sungai Tenam		938	1,020,588
A	82		Perairan Batam		910	483,506
A	83		International Batam Center		4,002	29,930
A	84		Beton Batu Ampar		7,195	18,608
A	85		Magcobar dan Batu Ampar		1,958	6,340,173
A	86		International Teluk Seniba		1,229	242,589
A	87		Nongsa		10,194	-
A	88		International Harbour Bay		1,834	-
A	89		Nongsa		1,617	-
A	90		Telaga Punggur		805	-
A	91		Rempang Galang		95	-
A	92		Telaga Punggur		9,786	-
A	93		Kabil		4,905	-
A	94		Sekupang		15,862	-
A	95	Kepulauan Bangka Belitung	Pangkal Balam		-	2,546,484
A	96		Tanjung Pandan		-	757,979
A	97		Toboali		-	1,103,084
A	98		Sei Selan		-	73,175
A	99		Tanjung Kalian		-	516,364
A	100			Belinyu	336	315,149
A	101			Manggar - Dendang	2,364	4,257,258
A	102	Bengkulu		Bengkulu	3	3,953,919
A	103	Jambi		Nipah Panjang 1)	-	71,837
A	104			Kuala Mendahara	-	35,516
B	107	Sumatera Utara	Sibolga		-	2,776,111
B	108			Sirombu	122	4,395,663
B	109			Lahewa	124	10,683
B	110			Sikara-kara / Natal	12	3,000
B	111			Barus	840	28,077
B	112			Leidong	297	7,952
B	113			Tanjung Sarang Elang	557	6,592
B	114			Sei Berombang	308	504
B	115			Tanjung Pura	168	525

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)	Cargo handling total (GT)
B	116	Sumatera Utara		Pulau Kampai	2,550	31,992
B	117			Teluk Dalam	689	78,771
B	118			Pulau Tello	628	207
B	119			Pantai Cermin	342	-
B	120			Tanjung Bringin	573	-
B	121			Kuala Serapu	60	-
B	122			Tapak Kuda	78	-
B	123			Rantau Panjang	276	-
B	124			Pantai Labu	381	-
B	125			Percut	288	-
B	126		Sumatera Barat	Teluk Bayur		1,624
B	127	Air Bangis			-	1,121
B	128	Muara Padang			-	35,217
B	129			Siuban	303	4,762
B	130			Sikakap	376	1,734,272
B	131			Tua Pejat	690	14,513
B	132			Pokai	458	12,415
B	133			Meilepet	503	10,775
C	136	DKI Jakarta	Tanjung Priok		11,696	46,879,023
C	137		Sunda Kelapa		-	2,359,720
C	138			Ratu	477	-
C	139			Pangandaran	24	-
C	140			Indramayu	260	-
C	141			Pamanukan	697	-
C	142			Balongan	647	-
C	143			Eretan	952	-
C	144				-	-
C	145		Jawa Barat	Cirebon		-
C	146	Jawa Tengah	Tanjung Emas		3,343	4,686,212
C	147		Tanjung Intan		-	26,440,082
C	148		Tegal		-	112,221
C	149			Pekalongan	1,422	23,264
C	150			Rembang	510	3,563,906
C	151			Juwana	2,733	48,472
C	152			Jebara	1,361	7,469,407
C	153			Karimunjawa	846	14,673
C	154			Batang	274	81,077
C	155			Brebes	887	1,409,704
C	156				-	-

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)	Cargo handling total (GT)
C	157	Jawa Timur	Tanjung Perak		11,909	15,720,732
C	158		Tanjung Wangi		-	1,616,141
C	159	Jawa Timur	Gresik		-	25,632,594
C	160		Tanjung Tembaga Probolinggo		-	51,593
C	161		Panarukan		-	13,329
C	162		Kalianget		-	4,664,555
C	163		Pasuruan		-	500
C	164			Kalbut	1,914	5,229,229
C	165			Brondong	6,265	29,051,451
C	166			Bawean	524	35,300
C	167			Telaga Biru	90	8,315
C	168			Branta	418	773,892
C	169			Sepekan	1,403	23,977
C	170			Sapudi	1,759	23,046
C	171			Masalembu	874	17,150
C	172			Jangkar	695	6,347
C	173			Meimbo	45	353
C	174			Tambak	81	2,942
C	175		Camar	67	15,670	
C	176		Karamean	251	1,261	
C	177	Banten	Banten		18,066	6,039,333
C	178		Cigading		-	90,581,000
C	179			Labuhan	600	9,418,161
C	180			Karangantu	833	3,301,745
C	181			Panimbang	184	-
C	182			M. Binuangeun	112	-
C	183			Cituis	1,007	-
D	186	Kalimantan Barat	Pontianak		2,354	1,191,715
D	187		Sintete		-	188,879
D	188		Ketapang		-	100,175
D	189		Pemangkat		-	17,293
D	190		Singkawang		-	6,214
D	191			Paloh / Sekura	15	9,624
D	192			Kandawangan	2,349	10,013,368
D	193			Teluk Melano	1,485	5,154,966
D	194			Sukaharja - GM Sauna	859	2,771,021
D	195	Kalimantan Tengah	Sampit		-	9,950,176
D	196		Kumai		-	5,201,962
D	197		Pangkalan Bun		-	217,187

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)	Cargo handling total (GT)
D	198	Kalimantan Tengah	Sukamara		-	326,519
D	199		Kuala Pembuang		-	56,588
D	200		Pulang Pisau		-	1,630,446
D	201			Kintap - Sungai Putting	5,402	23,612,017
D	202			Sei Danau	20,126	113,821,869
D	203	Kalimantan Selatan	Banjarmasin		33,498	133,372,769
D	204		Batu Licin		-	26,800,681
E	207	Bali	Benoa		667	569,782
E	208		Padang Bai		-	206,686
E	209		Celukan Bawang		-	733,110
E	210			Nusa Penida	4,886	103,548
E	211			Buleleng	66	67
E	212			Labuhan Lalang	205	25,351
E	213			Kusamba	5,082	2,700
E	214			Sangsit	242	2,535
E	215			Nusa Lembongan	4,163	122
E	216			Sanur	2,157	-
E	217			Buyuk	2,310	-
E	218	Kalimantan Timur	Balikpapan		6,595	39,451,595
E	219		Samarinda		25,997	8,002,944
E	220			Tanah Grogot	2,231	41,061,513
E	221			Tanjung Santan	1,153	738,690
E	222			Sangata	1,804	67,017,180
E	223			Kuala Samboja	583	6,907,073
E	224			Sangkurilang	2,061	24,132,060
E	225			Tg. Redeb	3,330	34,689,087
E	226			Bontang	3,695	30,004,973
E	227				-	-
E	228	Kalimantan Utara	Malundung Tarakan		-	1,251,613
E	229		Nunukan		-	192,036
E	230			P. Bunyu	2,995	6,622,838
E	231			Tg. Selor	2,919	5,554,410
E	232			Sungai Nyamuk	448	54,247
E	233	Sulawesi Utara	Bitung		2,612	3,882,396
E	234		Manado		-	212,085
E	235			Tahuna	594	34,905
E	236			Labuhan Uki	1,159	2,217,954
E	237			Lirung	762	10,082
E	238			Likupang	565	54,603

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)	Cargo handling total (GT)	
E	239	Sulawesi Utara		Ulu Siau	1,046	268,139	
E	240			Belang	542	1,135,413	
E	241			Kotabunan	3,378	7,076	
E	242			Pehe Siau	156	11,384	
E	243			Tagulandang	1,398	345	
E	244			Biaro	515	-	
E	245				-	-	
E	246	Gorontalo	Gorontalo		-	1,112,197	
E	247			Tilamuta	1,864	71,520	
E	248	Sulawesi Tenggara	Toli-Toli		-	487,085	
E	249			Pantoloan		-	1,461,671
E	250			Kwandang	120	43,200	
E	251			Anggrek	258	852,292	
E	252			Bau-bau	-	4,075,962	
E	253			Pomalaa	-	3,297,969	
E	254			Raha	-	114,013	
E	255			Langara	-	31,600	
E	256			Kolaka	-	361,416	
E	257			Lasalimu -Kamaru	-	8,349	
E	258			Banabungi	-	57,100	
E	259			Talaga	-	4,014,757	
E	260			Waara	-	451,084	
E	261			Tampo	-	253,326	
E	262			Tondasi	-	21,841	
E	263			Maligano	-	4,385	
E	264			Dawi Dawi	-	4,066	
E	265			Wolo	-	2,728,303	
E	266			Torobulu	-	38,525	
E	267			Lapuko	-	609,347	
E	268			Sikeli	-	3,024,646	
E	269			Boepinang	-	74,786	
E	270			Kasipute	-	15,019	
E	271			Dongkala	-	7,573	
E	272			Kaledupa	-	5,484	
E	273			Wanci	-	86,931	
E	274			Tomia	-	17,591	
E	275		Tobaku	-	2,270,087		
E	276		Waode Buri	-	2,516,377		
E	277		Ereke	-	18,362		

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)	Cargo handling total (GT)
E	278	Sulawesi Tenggara		Molawe	-	76,404
E	279			Jembatan Batu	-	4,195
E	280			Poso	208	-
E	281			Banggai	2,709	-
E	282			Bunta	178	-
E	283			Pagimana	288	-
E	284			Luwuk	3,832	-
E	285			Kolonodale	2,248	-
E	286			Ogoamas	159	-
E	287			Wani	1,842	-
E	288			Leok	160	-
E	289			Parigi	91	-
E	290			Moutong	57	-
E	291			Ampana	2,762	-
E	292			Salakan	292	-
E	293			Wakai	979	-
E	294			Dolong / Papoli	439	-
E	295	Sulawesi Selatan	Makasar		4,075	10,780,306
E	296		Pare-Pare		-	723,365
E	297		Paotere		-	102,141
E	298			Benteng / Selayar	1,270	72,996
E	299			Jampea	1,836	318,059
E	300			Bulukumba	540	44,770
E	301			Bungeng Jeneponto	918	120,392
E	302			Sinjai	1,051	57,317
E	303			Biringkasi	2,474	14,368,498
E	304			Awerange - Barru	127	9,211
E	305			Patirro Bajo	154	9,022
E	306			Siwa	899	81,455
E	307			Malili	628	2,042,254
E	308			Tanjung Ringgit Palopo	240	496,434
E	309			Pamatata	693	43,457
E	310			Pattumbukan	130	754
E	311			Bira / Tanah Beru	872	59,713
E	312			Bantaeng	207	422,209
E	313			Galesong Takalar	957	6,514
E	314			Tujuh Tujuh	1,020	85,218
E	315		Garongkong	262	1,384,870	
E	316		Bajoe	1,451	467,282	

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)	Cargo handling total (GT)
E	317	Sulawesi Selatan		Uloe / Cenrana	13	464
E	318			Kading Barebbo	32	1,888
F	321	Nusa Tenggara Timur	Tenau Kupang		625	423,420
F	322		Waingapu		-	145,884
F	323		Kalabahi		-	3,000,698
F	324		Lorensay Maumere		-	77,448
F	325		Ende Ippi		-	551,469
F	326		Wuring		-	127,399
F	327		Aimere		-	10,509
F	328		Maumbawa		-	3,000
F	329			Labuhan Lombok - Kavangan	187	143,291
F	330			Calabai	155	658,768
F	331			Sape	390	151,556
F	332			Pemenang - Tanjung	1,514	38,910
F	333			Labuhan Haji	12	229,590
F	334			Kempo	55	215,729
F	335			Benete	1,009	463,977
F	336			Sabu Seba - Raijua	909	121,250
F	337			Atapupu	421	60,815
F	338			Larantuka	7,481	110,763
F	339			Marapokot	361	93,550
F	340			Kendidi Reo	932	34,134
F	341			Baa / Rote	536	11,019
F	342			Labuhan Bajo	7,241	79,854
F	343			Waikelo	502	51
F	344			Bolok Kupang	1,282	-
F	345			Wini	214	-
F	346			Lewoleba	3,872	-
F	347			Waiwerang - Terong	1,965	-
F	348			Manangga	1,583	-
F	349		Pante Baru	513	-	
F	350		Papela	34	-	
F	351			-	-	
F	352	Nusa Tenggara Barat	Lembar		-	1,315,749
F	353		Badas		-	679,172
F	354		Bima		-	235,364
F	355		Labuhan Lombok - Kayangan		-	134,810
F	356		Calabai		-	213,818

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)	Cargo handling total (GT)
F	357	Nusa Tenggara Barat	Sape		-	56,044
F	358		Pemenang - Tanjung		-	42
F	359		Labuhan Haji		-	10,634
F	360		Kempo		-	68,619
F	361		Benete		-	1,693,688
F	362	Sulawesi Barat		Majene	449	3,926
F	363			Polewali	32	4,746
F	364			Mamuju	183	28,741
F	365			Belang-Belang	440	500,534
F	366			Palipi	152	2,072
F	367			Pamboang	267	999
F	368			Tinambung	132	1,876
F	369			Campalagian	104	20
F	370			Budong Budong	665	181,052
F	371			Sampaga	14	205
F	372			Pasang Kayu	340	1,204,902
F	373			Bambaloka Bonemanieng - Cinoki	93	178,877
F	374		Sulawesi Tenggara	Kendari		-
F	375			Bau-bau	9,128	113,308
F	376			Pomalaa	653	97,673
F	377			Raha	2,985	728,415
F	378			Langara	1,216	181,752
F	379			Kolaka	237	6,361,946
F	380			Lasalimu -Kamaru	734	6,407,777
F	381			Banabungi	254	32,138
F	382			Talaga	1,329	45,652
F	383			Waara	8,138	121,787
F	384			Tampo	1,613	1,885
F	385			Tondasi	197	4,000
F	386			Maligano	79	83,867
F	387			Dawi Dawi	31	8,349
F	388			Tanggetada	5	5,265
F	389			Wolo	303	115
F	390			Torobulu	743	-
F	391			Lapuko	176	-
F	392			Sikeli	1,473	-
F	393			Boepinang	406	-
F	394		Kasipute	997	-	
F	395		Dongkala	319	-	

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)	Cargo handling total (GT)
F	396	Sulawesi Tenggara		Kaledupa	334	-
F	397			Wanci	3,604	-
F	398	Sulawesi Tenggara		Tomia	789	-
F	399			Tobaku	1,174	-
F	400			Waode Buri	46	-
F	401			Ereke	171	-
F	402			Molawe	4,894	-
F	403			Jembatan Batu	309	-
F	404		Maluku	Ambon		2,855
F	405	Bandaneire			-	9,405
F	406			Saumlaki	836	176,845
F	407			Tulehu	930	69,356
F	408			Namlea	500	134,695
F	409			Dobo	1,287	198,839
F	410			Tual	2,519	781,334
F	411			Wahai	224	43,388
F	412			Amahai	1,486	127,853
F	413			Geser	216	6,420
F	414			Wonreli	481	22,935
F	415			Leksula	312	24,949
F	416			Adaut	134	1,309
F	417			Larat	392	21,244
F	418			Elat	1,041	10,793
F	419			Haria	171	2,696
F	420			Bula	698	25,685
F	421			Tehoru	194	2,191,579
F	422			Kairatu	110	12,637
F	423			Piru	28	6,587
F	424			Kataloka / Odor	16	453
F	425			Kaiwatu / Moa	517	37,931
F	426			Tepa	380	3,758
F	427			Serwaru	355	5,578
F	428			Ilwaki	153	2,195
F	429			Wulur	167	1,510
F	430			Kroing	143	2,380
F	431			Lirang	193	606
F	432			Namrole	359	58,590
F	433			Kur	202	2,396
F	434			Tayando	225	274

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)	Cargo handling total (GT)
F	435	Maluku		Daruba	731	-
F	436			Sanana	1,032	-
F	438	Maluku Utara	Ternate		-	615,860
F	439			Daruba	859	78,632
F	440			Sanana	1,415	853,595
F	441			Labuha / Babang	853	161,173
F	442			Tobelo	716	247,775
F	443			Jailolo	489	10,127
F	444			P. Gebe	1,503	1,782,401
F	445			Buli	133	2,678,452
F	446			Soa Sio	43	111,912
F	447			Loloda	824	4,443
F	448			Bataka	333	6,968
F	449			Weda	293	4,536,052
F	450			Patani	488	32,321
F	451			Dofa	1,038	1,835
F	452			Falabisahaya	795	6,895
F	453			Laiwui	1,357	980,125
F	454			Kayoa	125	242
F	455			Makian	986	1,422
F	456			Gagumu / Mano	1,533	394
F	457			Jojame	200	3,405
F	458			Kawasi	77	3,469
F	459			Wayaloar	90	2,136
F	460			Gosowong	413	79,630
F	461			Pertamina	263	116,907
F	462			Subaim	80	675,750
F	463			Gita Payahe	629	6,261
F	464			Maidi	281	198
F	465			Sofifi	617	96,836
F	466			Bapenu	434	4,552
F	467			Lede	429	2,528
F	468			Gela	373	5,109
F	469			Jorjoga	147	2,124
F	470			Malbufa	1,082	221
F	471		Bobong	1,225	11,175	
F	472		Tikong	-	4,593	
F	474	Papua Barat	Sorong		1,893	1,306,089
F	475		Fak-Fak		-	248,192

Zone	No	Province	Commercial Port	Non- commercial port	Ship call tot (Nos)	Cargo handling total (GT)
F	476	Papua Barat	Manokwari		-	819,898
F	477		Arar		-	120,777
F	478			Kokas	376	876
F	479			Kaimana	684	1,156,860
F	480			Kuri Pasai Wasior	448	174,415
F	481			Bintuni	453	242,375
F	482			Teminabuan	1,152	3,028
F	483			Saonek	1,122	46,329
F	485	Papua	Jayapura		487	2,108,525
F	486		Biak		640	1,258,554
F	487		Merauke		-	761,929
F	488			Teluk Kini Nabire	613	802,551
F	489			Serui	416	86,413
F	490			Amamapare	208	5,749,910
F	491			Pomako	1,267	946,096
F	492			Sarmi	158	128,668
F	493			Waren	641	12,793
F	494			Bade	436	595,374
F	495			Habesilam	236	23,707
F	496			Agats	611	122,420