## 4th-A Class Coast Station Masalembo (Coast Station No. 103)

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- ☑ Inventory
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- ✓ Operation Schedule (Frequencies)

#### TRX Drawings:

- ☑ Site Location
- ☑ Antenna Layout
- ☑ Equipment Floor Layout
- ☑ E/G Floor Layout
- ☑ System Block Diagram
- Power Block Diagram

#### Note:

- ✓ Available in this list
- ☑ Not Available in this list
- ☐ Unnecessary in this list
- \* Combined in one drawing

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

									SITE		MAC	ALEN	/BΩ		
SUMMAR	Y OF	COAS	T S	TA	TION				CLAS	$\frac{1}{s}$	_	h-A	NO		103
1. LOCATION	J														
Station Station	Add	ress		1	Tel.			Fax		Lo	ngitu	de		Lati	tude
TX/RX Jl. Datuk K					1011				1	14°		00" E	059	~	
170101													11		
2. GENERAL	COND	ITIONS											-		
	from Jal		S	ite A	ccess from P	ort	Ros	ad Tr	affic		Accon	ımodat	ion	Pop	ulation
By Air to Surabay			hr.]	Hig	hway		☐ Heav	ry	·		] Hote	el			25,000
By Ship to Masaler	nbo [Takir	ng time: <u>1700</u>	[hr.] 🗹	Pav	red		□ Med	ium		P	₫ Mot	el			
				Un	paved road		☑ Ligh	t			,				
							□ None	2							
	3. C	ONDITIO	ONS	OF	STATIC	N			·			Refer	to att	achec	l drawin
3.1 Site Condit	ons														
Topography		Natu	re of S	Soil			Past dis	aster	of site	_			of ex	isting	g system
☑ Flat		ry soil		Lit	nestone		Flood					чo			
□ Slope	<u></u> по	rdinary			avel		Flood '			<u> </u>			tenna		
□ Hill-top	□ s	wampy		Ro	cky		Rain L	eakag	e	- ⊢		₹ To		<u> </u>	
□ Basin	c	lay					Ground	d Sub	sidence						stem
☐ Valley	☑ S	andy				_							htnin		
Altitude			) M			_	Teleph			_			der C		Way
Land area			m²						ines			☑ City	y wat	er	
3.2 Buildir	ig Cond	litions	_				3.3	Po'	wer S	oui	rce				
Cons	tructions				PLN Sou	ırce		E/0	G		Exist	ting Po	wer	Conc	ditions
Num, of story	One		Vol	tage		V		2	220 V	G	lood Ba	ıd			
Structure	Concre	te	Pha	se					1		回口				System
Type of roof	Asbesto	os	Wir	е					2	_   1		Ј Оре			
Type of ceiling	Asbesto	)S	kV/	1					3						AVR
Type of wall	Brick				Quality (	of P							ffuel		engine
Wall finish	Painting	3		tuati				⊦ %			ay tan				Liter
Flooring	Tile		****		lity of power						1ain ta				k Liter
	Area (m				terruption /				Time	es		G Sta			tem
Operation room		12.00			erpt. hours /				Hou	rs		Single			
E/Groom		20.00	Max	c, int	erpt. hours a	at or	ice		Hou	rs		Dual S	ysten	<u> </u>	
Remark															
4. OP	ERATI	ON AND	MA	INT	ENANCI	Ē		5.	PER	SO	NNE	LFC	)RM	(AT	IONS
	_	aken in equ						<u> </u>				TX	/RX		
Restoration flow		y damaged						Chi					1		
Examples of major failu		t can not sta					med	_ <del></del> -	erator	<del></del>		1	10		0
Sufficiency of spares		Genset borr							hnicia				0	<u>'</u>	0
	s of dam	ages	_		ironmental	Con	ditions	Adı	ministr	ator		<u>;</u>		<u> </u>	
☐ Heavy rainfall			( <u>`</u>	Good											
☐ Storm				믜	☑ Extern			To	tal			!	2		<del> </del>
☐ Lightning				<u> </u>	☐ 'Air pol	lutic	on	-					_		
Other calamity				<u> </u>				┿			77	, D.		•	
	Instituti	onal and H					<u>~</u>	+_		_		ng Re			T-:
1 Budget		<del></del>			sonable 🗆				ourse	۲.	Class	μοςαι	ionP	criod	Trainec
2 Spares	/s 1	☐ Enough			sonable 🔲					1			- :		<del></del>
3 Measuring eqpt.		☐ Enough			sonable 🖾					1					<u> </u>
4 Number of Oper		☑ Enough			sonable   🗆					1					1
5 Number of Tech 6 Capability of Op		☐ Enough ☐ Skilled			so bad	_		_		ļ	-				
7 Capability of Te		□ Skilled			so bad					1					i
r Capability Of Tel	rinician	I - OVINCE		1101	שון ממט טע	1101	- Papi			•			_		

SUMM	r a d v	OFC	O A ST	' CTLAT	rian	7		SITE	MAS	ALEM	BO	
2014TIA		Or C	UASI	DIA.	LIUN			CLASS	41	h-A	NO.	103
-		6. STA	TISTIC	CAL CO	MMU	VICA'	TION T	RAFF	IC DAT	ΓA		
·	Ma	ritime Sa	fety			Pu	blic Te	ecomn	unicat	ion Se	rvice	
Years	TG	TEL	DSC	NBDP	Years	Tele	phone	TG Call	Years	Tele	phone	TG Call
						Call	Minute		İ	Call	Minute	
1996				ĺ	1991				1996			
1997					1992				1997			
1998					1993				1998			
1999					1994				1999			
2000					1995				2000			
				7.	COM	MEN'	TS					
Suggestion		disturbance	coming fro	m illegal ra	dio station	ĺ						*****
Remarks										•	•	

## Site Name: Masalembo

INVENTORY

N <sub>o</sub>	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
		Radio Equipment							
1 -1 -2		Aransmuter MF/HF Transceiver MF/HF Transceiver	FT-300C FS-1000	083010720H7 S/N590-2560	Yaesu Furuno	1984			Not So Good Good
1-2	ar -	Receiver MF/HF Receiver	FRG-7700	4F300118	Yaesu	1984			Good
2-1		Tower & Antenna System Tower & Must	* 40			5001			Č
2-2 1 3		Antenna System Dipole Antenna Vertical Antenna				1995			poog Coog
3-1		Power Supply Equipment UPS & AVR System	1.65-81-71						
- 7 E		Accu 12V/200AH Accu 12V/200AH Battery Charger			Hitachi Yuasa Asahi	1999 2001 1996			Damaged Good Good
3-2 1 2		Engine Generator Engine Generator	TF-65R FA-3	6550544R 0467563	Yanmar Denyo	1995			Cood
4		Measuring Equipment Multı Tester	YX-360TR		SANWA	1994			Cood
<b>v</b>		Others Air Conditioner 1PK			National				No Good

# STATUS OF TROUBLES

SITE NAME: MASALEMBO

MSB-103-(1/1)

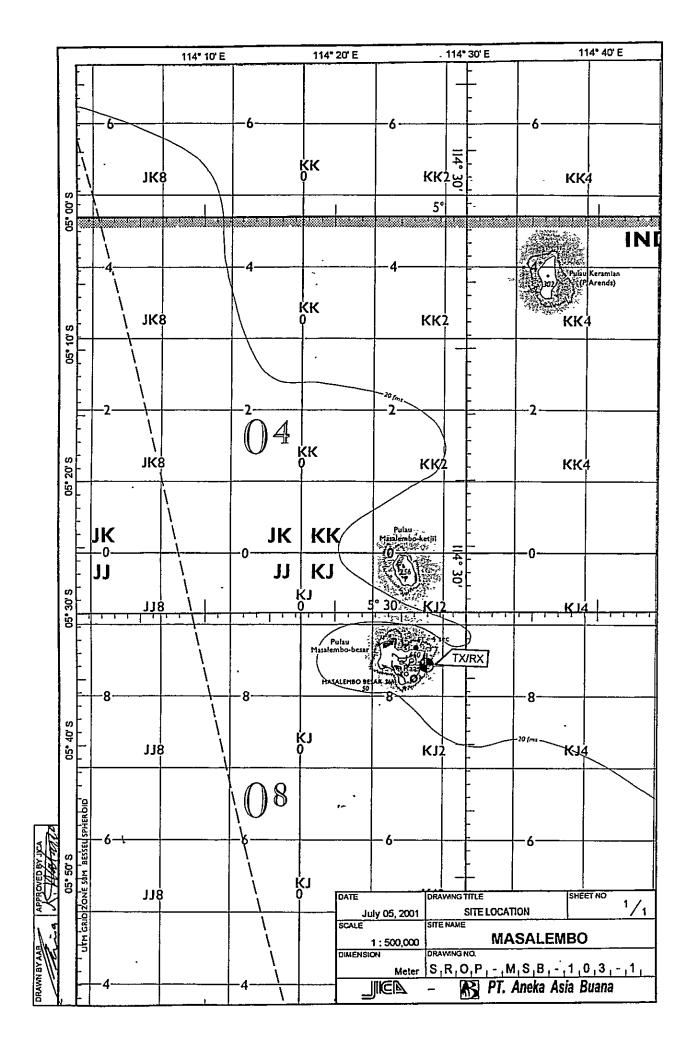
Item / Equipment	-/-		500000000000000000000000000000000000000
Manufacturer			
Manufacturer in year			
Defective panel / unit			
	Cause doe to:		Repairing to be:
	☐ Aging		☐ Immediacy
Details of Trauble Status	☐ Lightning		☐ By next year budget
Details of 110dole status	☐ Corrosion	Organicy of Kepair	☐ By next project
	☐ Lack of Spares		☐ Unnecessary
	□ Others		
General Comment for Maintenance:			
For Maintenance (especially for Gen-Set) there is	n-Set) there is trouble.		
The above trouble caused by un-complete equipm	mplete equipment tools (Monkey Wr	ent tools (Monkey Wrench, Box wrench, open end wrench)	
	-		

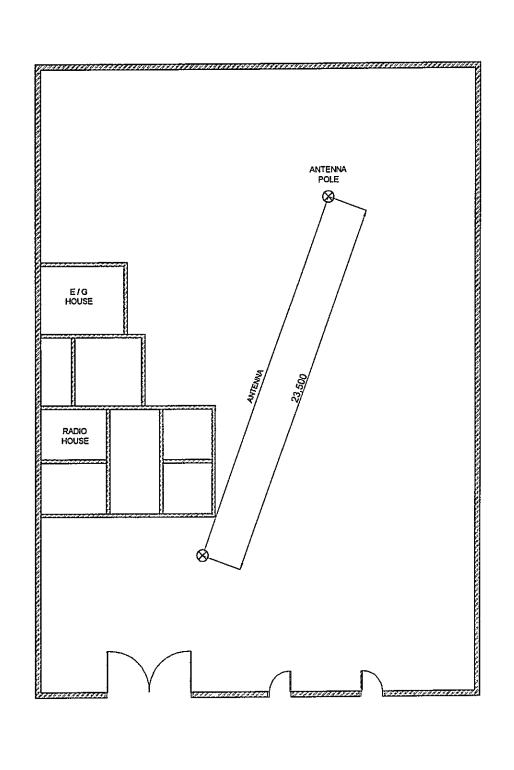
## MSB-103-(1/1)

# OPERATION SCHEDULE (FREQUENCIES) Call Sign: Mobile Service: PKD 57 Fix Service :

Site Name: Masalembo

	11-	200	Ш		
_	FREQUENCY (KHz)	EMISSION	POWER (W)	UTC 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	REMARK
7					
	Mobile Service				•
-	2 182,0	J3E	100		
7	2 690,0	J3E	5		-
<u>ر</u>	6215,0	J3E	100		
_		'	1		
	Fix Service				
4	5 316,0	JSE	5		
LO.	5.165,0	350	100 1		
9					
7					
100					
6					
2					
Ξ	1				
12	- - - - -				
<u>3</u>		- 4-			
14	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!			<u> </u>	
15		<del> </del>			
16					
17				-	
9					-
5		1			
20					•
2		,			
2		 	1		
23	1		-		
4					
25					
1					

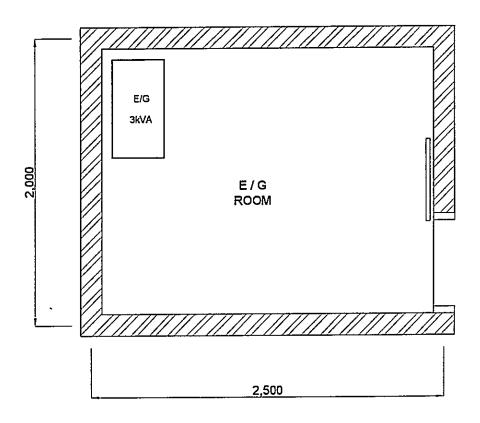




DATE	DRAWING TITLE	SHEET NO 1 /
July 01, 2001	ANTENNA LAYOUT	<u> 71</u>
SCALE	SITE NAME	_
1:200	MASALEN	IBO
DIMENSION	DRAWING NO	
Milimeter	S,R,O,P,-,M,S,B,-,	1,0,3,-,2,
	- B PT. Aneka Asi	ia Buana

APPROVED BY JICA.

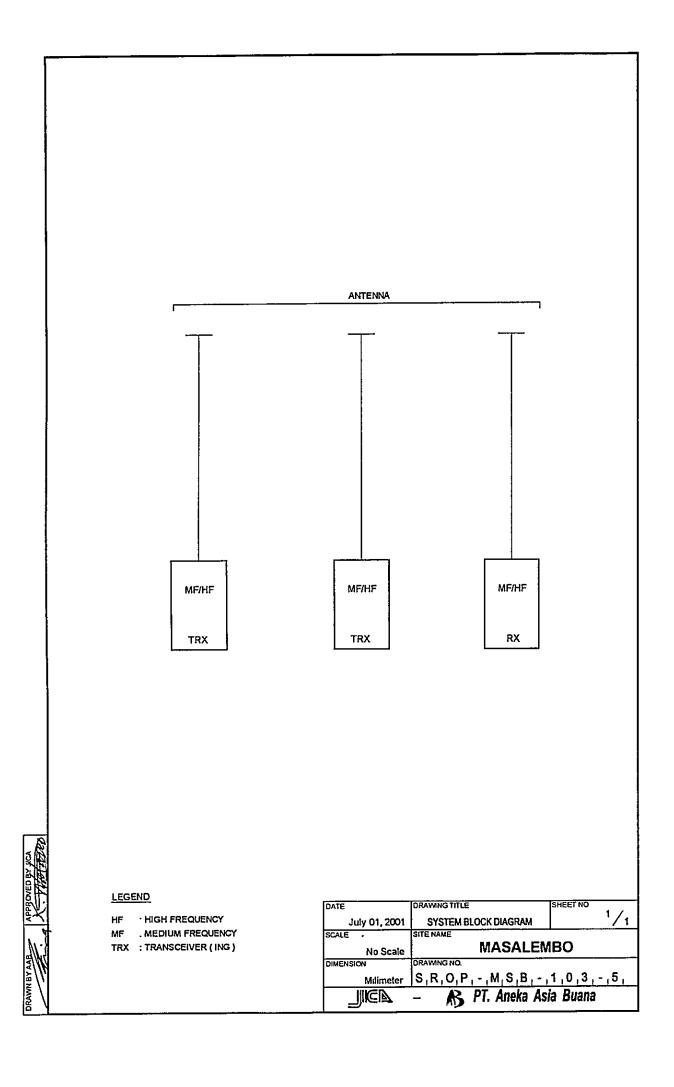
- BATTERY CHARGER BATTERY MF/HF TRX MF/HF DESK **RADIO** TRX ROOM 3,000 MF/HF TRX 4,000 LEGEND DRAWING TITLE SHEET NO DATE 1/1 : HIGH FREQUENCY EQUIPMENT FLOOR LAYOUT July 01, 2001 MF : MEDIUM FREQUENCY TRX : TRANSCEIVER (ING) **MASALEMBO** 1:30 DIMENSION DRAWING NO. 

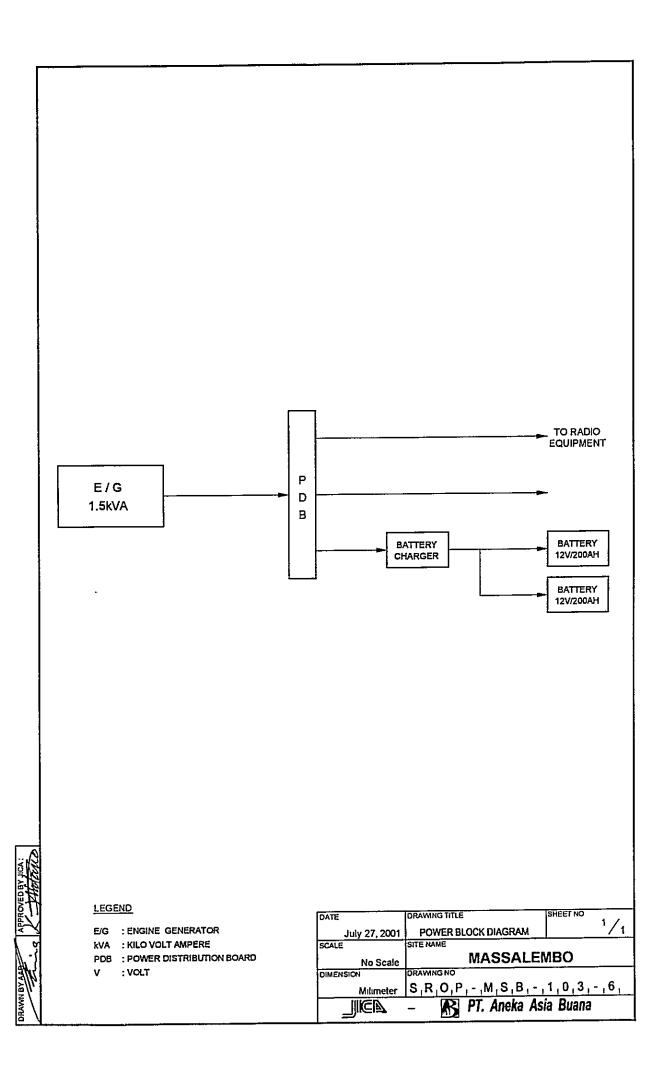


#### LEGEND

E/G - ENGINE GENERATOR kVA KILO VOLT AMPERE

DATE	DRAWING TITLE	SHEET NO
July 01, 2001	E/G FLOOR LAYOUT	<u> '/1</u>
SCALE	SITE NAME	
1:25	MASALEN	иво
DIMENSION	DRAWING NO	
Milimeter	S,R,O,P,-,M,S,B,-	,1,0,3,-,4,
	- R PT. Aneka As	sia Buana





4th-B Class Coast Station

Branta
(Coast Station No. 104)

#### **Table of Content**

V	Summary of Coast Station
	Inventory
	Status of Trouble
Ø	Operation Schedule (Frequencies)
TRX	Drawings:
X	Site Location
	Antenna Layout
	Equipment Floor Layout
	E/G Floor Layout
	System Block Diagram
	Power Block Diagram
Note	»:
$\square$	Available in this list
X	Not Available in this list
	Unnecessary in this list
*	Combined in one drawing

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

									l.		1.					
SUMMAR	Y OI	COAST	STA	<b>A</b> T	CIO	N				SITE CLASS		<u> </u>		۷O.		104
1. LOCATION	N						•			2.100					=	
Station	~~~	dress			Te	el.		1	Fax		Long	itude	<u> </u>	L	atit	ude
TX/RX		.=0						1			0	1 1	,	0	•	*
		**						1	-							
2. GENERAL	CONI	DITIONS														
Moving	from J	akarta	Site	Acc	ess fro	om P	ort	Roa	ad Tra	affic	Ac	commo	odatio	n   1	op'	ulation
			□ H	ighv	vay			Heav	ry			lotel		$\neg   \neg$		
			□ Pa	ived	1			Medi	บท		□N	fotel				
			<b>□</b> U:	npa	ved ro	oad		Light	<u>:</u>							
								None	<b>)</b>							
	3,	CONDITIO	NS O	F S	STA	TIC	N			-		Re	fer to	attac	hed	drawin
3.1 Site Condit	ions															
Topography		Natur	e of Soil		*****		Pa	ast dis	aster o	of site	Co	nfirms	ation o	f exis	ting	system
☐ Flat		Dry soil		ime	stone	:	□ F	lood			Yes	No				
□ Slope	,	Ordinary		rav	el		□ F	lood 1	Γide			Ø	Anter	ına		
☐ Hill-top	j	Swampy	□ R	ock	y		□ R	ain Le	eakage	;		Ø	Towe	rs (V	1ast	s)
□ Basin		Clay					□ G	round	l Subs	idence		☑	Grou	nding	sys	tem
□ Valley		Sandy										Ø	Light	ning	syst	em
Altitude			M				T	eleph	one L	ines		Ø	Feede	r Cal	ole \	Vay
Land area			m²						Li	nes		N	City v	vater		
3.2 Buildi	ng Cor	ditions						3.3	Pow	ver So	urce	;				
	truction		<u> </u>		PLN	Sou	rce		E/G	;	E	xistin:	g Pow	er C	ond	itions
Num, of story	<u> </u>		Voltage				v			v	Good					
Structure	<u> </u>		Phase	$\top$								Ø J	Power	Sup	oly !	System
Type of roof	1		Wire	1									Operat			
Type of ceiling			kVA	1								☑ (	Operat	ions	of A	VR
Type of wall					Qual	lity o	f PL	V som	rce		C	apacii	ty of f	uel f	or e	ngine
Wall finish			Fluctua					V ±			Day					Liter
Flooring			Availat	ility	of p	ower	per d	lay		Hour	s Mair	ı tank				k Liter
Room	Area (n	1 <sup>2</sup> )	Power							Times		E/G	Stand	-by S	Syst	em
Operation room			Total ir	iter	pt. ho	urs /	month	1		Hours			gle Sy			
E/G room			Max. in	terr	ot. ho	urs a	t once	3	•	Hours		Dua	al Syst	em		
Remark	No Data	a	•													
	<u> </u>											<del></del>				
4 OP	FDAT	ION AND	MATN'	TE	NAN	VCE	 ?	<del></del>	5	PERS	ON	JET.	FOR	MA	TI	ONS
		taken in equi				ICI			1 3.	LAVINE	OM		TX/R			0110
Restoration flow	Actions	taken in equi	pinenti	allu	ii C				Chie	f		$\dashv$	IAJI	-		
Examples of major failu	re									rator (s	killed	\		0		()
Sufficiency of spares										mician				0		0
_ ,,,	is of da	nages	Env	viro	nmer	ıtal (	Condi	itions		inistrat		<del>-/</del>		~		
☐ Heavy rainfall			Good						1							
□ Storm				E	1 Ex	tema	ıl nois	es	Tot	al						
☐ Lightning				V			lution									
☐ Other calamity				1	_				1							
	Institut	ional and Hu	nan Sta	itus	es				<del> </del>		Tra	ining	Reco	rd		
1 Budget		☐ Sufficien					Insuff	icient	Cou	urse	Clas				iod	Trainec
2 Spares		☐ Enough	□ Re	asor	nable		Not e	nough		<u> </u>		1			1	
3 Measuring eqpt.	/tools	☐ Enough	□ Re													
4 Number of Oper		☐ Enough					Not e							+	1	
5 Number of Tech		☐ Enough	□ Re												j	
6 Capability of Op	erator	☐ Skilled	□ No	t so	bad		Not ca	pable						1	1	
7 Capability of Te	chnician	☐ Skilled	□ No	t so	bad		Not ca	pable	:					1		

		6. STA	ATISTIC	CAL CO	MMUI	VICA'	TION T	RAFF	IC DAT	[ <b>Α</b>	1.0	
	Maı	ritime Sa	fety	-		Pu	blic Tel	ecomn	nunicat	ion Se	rvice	
Years	TG	TEL	DSC	NBDP	Years	Tele	phone	TG Call	Years	Tele	phone	TG Call
						Call	Minute			Call	Minute	
1996					1991				1996			
1997					1992				1997			
1998					1993				1998			
1999					1994				1999			
2000					1995				2000			
				7.	COM	MEN'	TS	· · · · · · · · · · · · · · · · · · ·				
uggestion	.											

Site Name: Branta

Condition	
Maintenance Record	
Reference	Coast e only
Date	am am
Manufacturer	Available because Coast esn't exists or Name only
Serial No	able
Type	Avail esn't
Description	Data not Available because Coast Station doesn't exists or Name only
Registered No.	
No	

# OPERATION SCHEDULE (FREQUENCIES) Call Sign: Mobile Service: Fix Service:

Site Name: Branta

Data not Available be Station doesn't exists o	FREQUENCY	<b>l</b> I—	₽	OLIT	
Station c	(kHz)	EMISSION	(W)	02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21	REMARK
Station of the control of the contro					
Station C	-	1	1		
Station of	7	!	 		
Station c	່ ຕ				
Station c	4	1	1		-
Station of	S.			-   -   -   -   -   -   -   -   -   -	
Station of	9				- <del></del>
Station of	2				
Station c	€				<del></del>
Station (	on .				-
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	12			_	
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	21	!			
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					- T
	24				
22,					
	27				

4th-B Class Coast Station **Tuban**(Coast Station No. 105)

#### **Table of Content**

	Summary of Coast Station Inventory Status of Trouble Operation Schedule (Frequencies)
TRX	Drawings: Site Location Antenna Layout Equipment Floor Layout E/G Floor Layout System Block Diagram Power Block Diagram
Note ☑ ☑ ☑ ✓	: Available in this list Not Available in this list Unnecessary in this list Combined in one drawing

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

SUMMARY	Y OF COAST	STA	TION			CLASS	TUBA 4th		IO. 105	
		<del></del>				CLASS	1 +110	<b>-D</b> μν	<u>O.   105</u>	
1. LOCATION		<del></del> 1	m.)		17	1	T	_	T - 474 - 3	
Station TX/RX	Address		Tel.		Fax	112	Longitude  ° 03' 45	_	Latitude )6° 53′ 33″ S	
INKA			···			112	03 43	) E (	10, 22, 22, 2	
<u> </u>		!_								
2. GENERAL										
Moving	from Jakarta		ccess from P		Road T	raffic	Accomn	nodation	Population	
			shway		Heavy		☐ Hotel			
		□ Pav			Medium		☐ Motel		<del> </del>	
			paved road		Light None		<del>- </del>	·····	<del></del>	
					VOILE		1 5	^		
	3. CONDITIO	NS OF	STATIC	<u>N</u>			R	eter to a	attached drawing	
3.1 Site Conditi								· · · · · · · · · · · · · · · · · · ·		
Topography		e of Soil		<del></del>	t disaster	of site			existing system	
	☐ Flat ☐ Dry soil ☐			□ Flo			Yes No			
□ Slope	☐ Ordinary		avel	1	ood Tide		☐ ☑ Antenna			
☐ Hill-top	Swampy	□ Ro	ocky		in Leakag		☐ ☑ Towers (Masts) ☐ ☑ Grounding system			
□ Basin	☐ Clay			□ Gr	ound Sub	sidence	$\overline{}$			
☐ Valley Altitude	☐ Sandy			m		T •			ing system	
Aititude		M m²		☐ 1e	lephone	Lines ines	+	City w	Cable Way	
Land area		m- 1	<del></del>	<u> </u>				City w	ater	
	g Conditions	<u> </u>	T 55.55	· · · · · · · · · · · · · · · · · · ·		wer So				
	tructions	37-14	PLN Sou		E/	G V	Good Bad	ig Powe	er Conditions	
Num of story Structure		Voltage Phase	ļ	V		v				
Type of roof		Wire			_				ons of E/G	
Type of ceiling		kVA		-			<del></del>		ons of AVR	
Type of wall		KVA	Quality o	f PLN	Source		· <del>• ·· · ·</del>		el for engine	
Wall finish		Fluctuati			V ± %		Day tank		Liter	
Flooring		1	lity of power	per da		Hours	Main tank		k Liter	
	Area (m²)		nterruption /			Times	<del> </del>		by System	
Operation room		Total interpt hours/month							System	
E/G room			erpt, hours a			Hours		ual Syste		
Remark	No Data									
4. OP	ERATION AND N	MAINT	ENANCE	3	5.	PERS	ONNEL	FOR	MATIONS	
	Actions taken in equi						ļ	TX/R		
Restoration flow	1	M			Ch	ief	1		<del></del>	
Examples of major failure	e				Op	erator (sl	killed)		0 0	
Sufficiency of spares						chnician (	(skilled)		0 0	
	s of damages		ironmental (	Condit	ions Ad	ministrat	or i			
☐ Heavy rainfall !		Good	Bad							
☐ Storm		_   므	☑ Externa		s To	tal				
☐ Lightning		_	☑ Air pol	lution	_					
Other calamity										
<del></del>	Institutional and Hur			t			Training		d Period Trainee	
I Budget	☐ Sufficient		<del></del>			ourse	Class I	Jocation	Period I rainee	
2 Spares 3 Measuring eqpt /	tools □ Enough		sonable 🔲			- :			-	
4 Number of Opera			sonable   🗆			4				
5 Number of Techr			sonable			<del>;</del>				
6 Capability of Ope			so bad 🗆			<del></del>	<del></del>			
7 Canability of Tec			so had []							

SUMM	IARY	OF C	OAST	STA	<b>FION</b>			SITE CLASS	TUB.	h-B	NO.	105
<u> </u>	•	6. STA	ATISTIC	CAL CO	MMU	VICA.	T NOI	RAFF	IC DAT	ſΑ		
	Mai	ritime Sa	fety			Pu	blic Te	ecomn	unicat	ion Se	rvice	
Years	TG	TEL	DSC	Years	Tele	phone	TG Call	Years	Tele	TG Call		
						Call	Minute			Call	Minute	
1996					1991	•			1996			
1997					1992				1997			
1998					1993				1998			
1999					1994				1999			
2000					1995				2000			
				7.	COM	MEN	TS					
uggestion												
Remarks		*			,							

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INVENTORY

Condition	
Maintenance Record	
Reference	Coast e only
Date	am am
Manufacturer	Available because Coast esn't exists or Name only
Serial No	able exist
Type	Avail esn't
Description	Data not Available because Coast Station doesn't exists or Name only
Registered No.	
No	

Surabaya

HOPE MATERIAL E PERSONNEL AND A

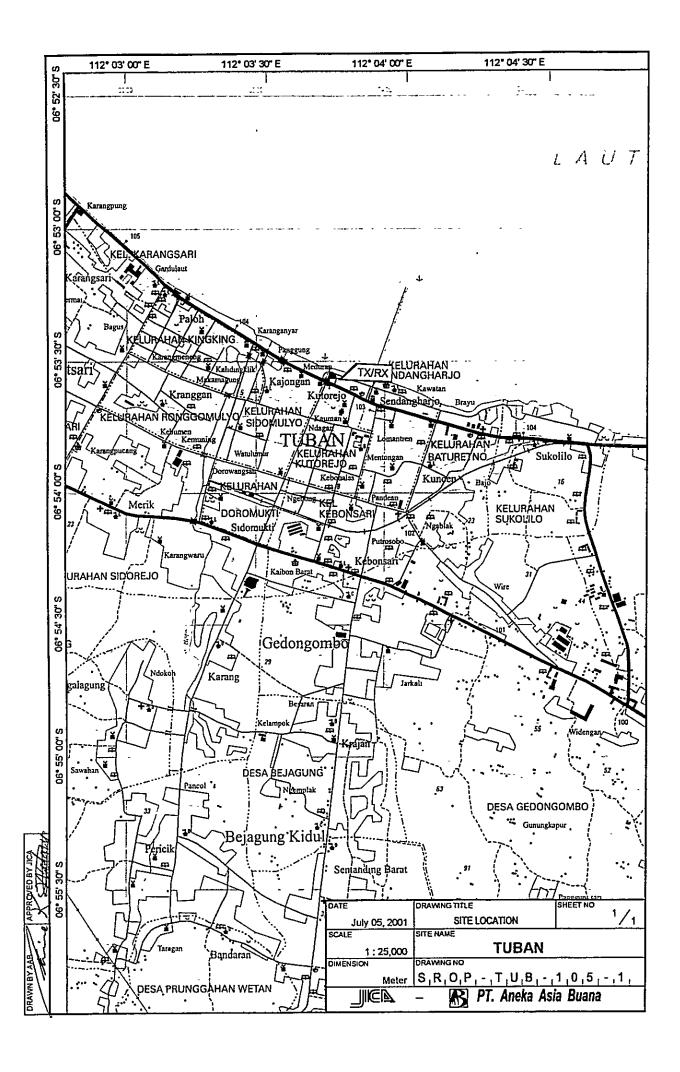
## TUB-105-(1/1)

## OPERATION SCHEDULE

Site Name: Tuban

(FREQUENCIES)

REMARK Station doesn't exists or Name only Data not Available because Coast POWER (W) Call Sign: Mobile Service: Fix Service EMISSION FREQUENCY (KHZ) 13 19 20 21



4th-B Class Coast Station **Besuki**(Coast Station No. 106)

#### **Table of Content**

	Summary of Coast Station Inventory Status of Trouble Operation Schedule (Frequencies)
TRX	Drawings: Site Location Antenna Layout Equipment Floor Layout E/G Floor Layout System Block Diagram Power Block Diagram
Note	:
abla	Available in this list
×	Not Available in this list
	Unnecessary in this list
*	Combined in one drawing

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

				·····-							CTT		lnr	CXTY	· / T		-	
SUM)	MARY	Y OF	<b>COAST</b>	S	$\Gamma \mathbf{A}'$	TIO	N				SITI		_	SUF 4th-		N	<u> </u>	106
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IMA									╁		$\dashv$	110						
2 CEN	TED A K	COMP	TTYONG								<u>_</u>						·	
z. Ger			ITIONS	le:	to An	cess fro	m D		Dor	ad T			Acc	O 1711 FF	nodati	inπ	Por	oulation
	Moving	from Ja	кагта			hway	J111 1 (		Heav		ranny		□ H		iouai		101	Julativii
					Pave				Medi				ШΜ				<del> </del>	
						aved ro	oad		Light									
				-					None								l .	
		3 (	CONDITIO	NS (	OF	STA'	TIO	N						R	efer t	o a	ttache	d drawing
3 1 Site	Conditi		OLIDITIO	110		<u> </u>												
	graphy	10113	Nature	ofS	nil			P	ast dis	aster	of si	te	Cor	firm	nation	of	existin:	g system
☐ Flat	grapny					nestone	:		lood			-	Yes	No				9-2
□ Slope	<b>;</b>				Gra				lood	Γide				$\square$	Ant	enn	ıa	
□ Hill-t		3	Swampy		Roo	cky		□ R	lain L	eakaį	ge			Ø	Toy	ver:	s (Mas	its)
□ Basin			Clay						round	i Sub	side	ice		Ø			ling sy	
□ Valle	y		andy											☑			ng sys	
Altitude				M					eleph			S		☑			Cable	Way
Land are				m²							ines			₹	City	w	ater	
3.2	Buildir		<del></del>						3.3			Sou	ırce					
		tructions	<u> </u>			PLN	Sou		<u> </u>	E/			_		ng Po	we	r Con	ditions
-	of story			Volt				V	<del>                                     </del>			<u> </u>	Good					Continue
Struct				Phas Wire	_				<del> </del>									System
	of roof of ceiling			kVA					$\vdash$				☐ ☑ Operation ☐ ☑ Operation					
	of wall		<del></del>	K V Z		Onal	lity o	f PL	N sou	rce								engine
Wall f				Fluc	tuatio		iii) (			: %			Day 1					Liter
Floori						ity of p	ower	pero		- /-	Н		Main		$\overline{}$			k Liter
		Area (m	²)			terrupti						mes				ıd-l	by Sys	tem
Operatio			- <del></del>	Tota	l inte	erpt. ho	urs /	mont	h		Н	ours			ngle !			
E/G roo				Max	inte	erpt. ho	urs a	t onc	e		Н	ours		Di	ual S	/ste	m	
Remark		No Data																
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,																		
	4. OP	ERAT	ION AND I	MAI	NT.	ENAI	NCE	C		5.	. PE	RS	ONN	ŒL	FC	R	MAT	IONS
		Actions	taken in equi	pmer	nt fai	ilure									TX	/RY	ζ	
Restoration	••										ief						_	
	f major failu	re											illed)				0	0
Sufficiency		1		Т,	n •		4 1	<u> </u>	1*4*	_			skille	d)			0	()
☐ Heavy		ls of dan	nages		ood	ronmei	ntal	Cond	itions	Ad	lminis	strate	)r	-			-	
☐ Storm							rterns	al noi:	cec	T	otal						-	
☐ Lightn			•		<del> </del>			lution		<del>  ^ `</del>	J L 41							
Other	_ <del>-</del>			_ -			<u>. p</u>		<del>-</del>	-[							$\neg \vdash$	
		Instituti	onal and Hui	nan	Stati	uses							Tra	inin	g Re	cor	đ	
1 Budge	ıt		☐ Sufficient		Reas	sonable		Insuf	icient	C	ours	2	Clas					Trainee
2 Spares			☐ Enough			sonable												
	ring eqpt		☐ Enough			sonable						_ _						<del>  -</del>
	er of Oper		☐ Enough			sonable						<del> -</del>		<u>;</u>				<del> </del>
	er of Tech		Enough			sonable				-,		_				_		<del> </del>
	ility of Op ility of Te		☐ Skilled			so bad						- -						<del> </del>
_/ ,Capab	mty of 1e	cunician	☐ Skilled	ı	1001	so bad	ļШ	NOT C	apable	-				1				1

STINAN	LADV	OF C	O A ST	CTA	TION	Г		SITE	BEST	UKI		
O TATTA	LANI	OF C	UASI	SIA.	LIOI			CLASS	41	h-B	NO.	106
		6. STA	TISTIC	CAL CO	MMU	VICA'	TION T	RAFFI	C DA	ſΑ		
	Mai	ritime Sa	fety			Pı	ıblic Te	lecomm	unicat	ion Se	rvice	
Years	TG	TEL	DSC	NBDP	Years	Tele	Telephone		Years	Telephone		TG Cal
				ļ		Call	Minute			Call	Minute	
1996					1991				1996	_		
1997					1992				1997			
1998					1993				1998			
1999					1994				1999			
2000					1995				2000			
				7.	COM	MEN	TS					
uggestion												
lemarks										_	****	

INVENTORY

Site Name: Besuki

BSK-106- (1 / 1)

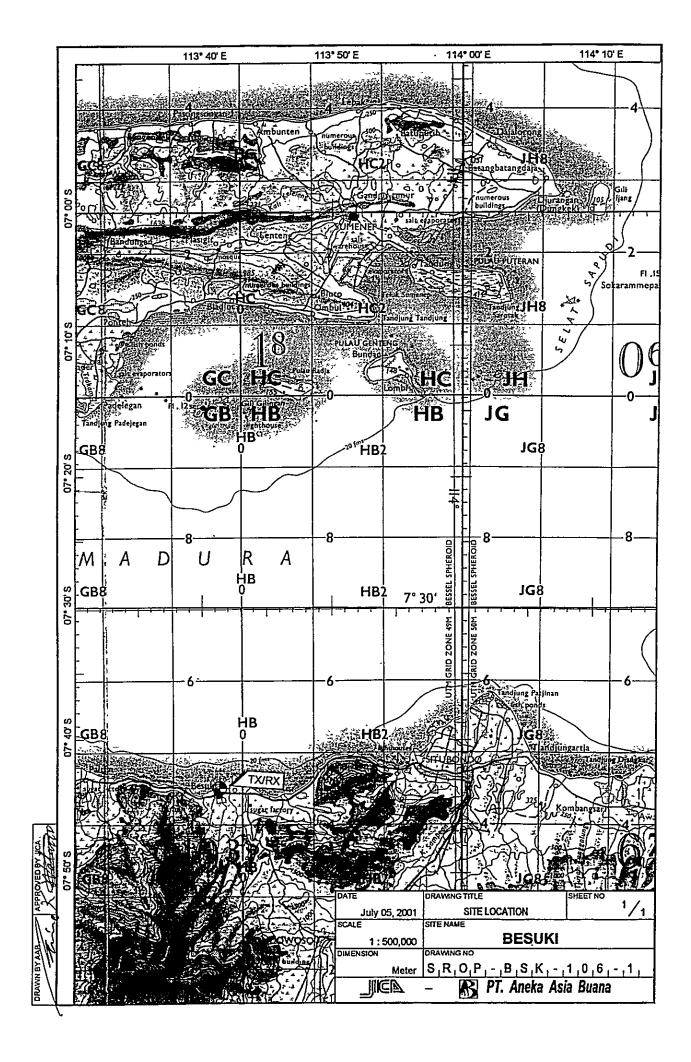
tion	
Condition	
Maintenance Record	
Reference	Coast e only
Date	am se
Manufacturer	Available because Coast esn't exists or Name only
Serial No	able
Type	Avail esn't
Description	Data not Available because Coast Station doesn't exists or Name only
Registered No.	
No	

## BSK-106-(1/1)

# OPERATION SCHEDULE (FREQUENCIES) Call Sign: Mobile Service: Fix Service:

Site Name: Besuki

	L.		
(kHz)	EMISSION (W)	01 02 03 04 05 06 07 08 09 10 11 1	REMARK
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4			
; ;			
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7			
. εο			
6		Date and Assessment Control	
10		Data not Available pecause Coast	
	1		
12	1	Station doesn't exists of Name only	
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16	1		
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18			
19	1		
20	1		
·			
22			
23	•		
24			
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26	-		
27	<del></del>		

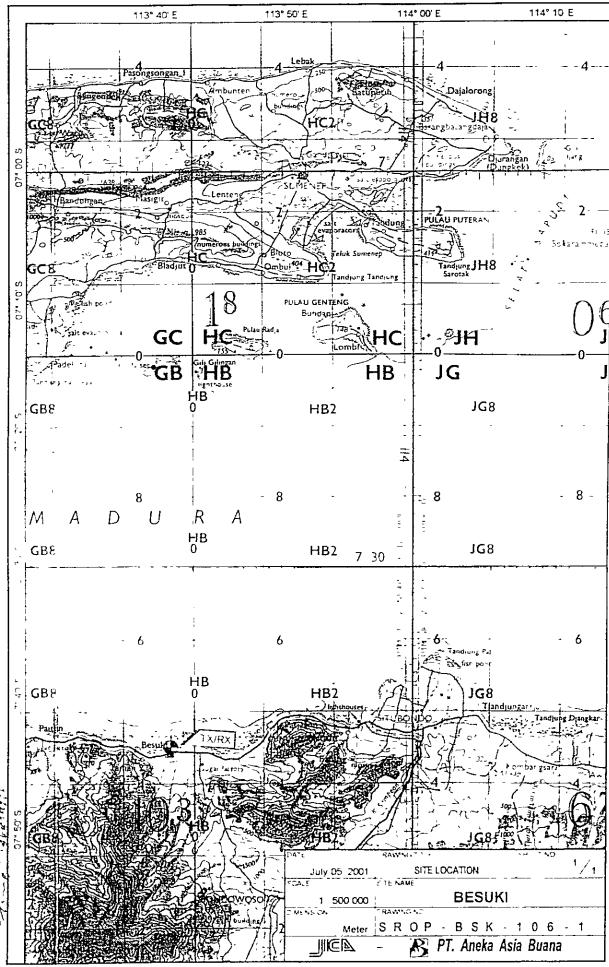


## THE STUDY FOR MARITIME TRAFFIC SAFETY SYSTEM DEVELOPMENT PLAN IN THE REPUBLIC OF INDONESIA

## Maritime Telecommunication Facilities: Inventory, Plant Records and Outlook-2001

2ND CLASS DISTRICT NAVIGATION AREA (12)
BENOA

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)



And the state of

## THE STUDY FOR MARITIME TRAFFIC SAFETY SYSTEM DEVELOPMENT PLAN IN THE REPUBLIC OF INDONESIA

## Maritime Telecommunication Facilities: Inventory, Plant Records and Outlook-2001

2ND CLASS DISTRICT NAVIGATION AREA (12) BENOA

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

#### 2nd Class District Navigation Area (12) Benoa

#### **Table of Content**

DISNAV	12	Benoa	2nd Class
SROP	107	Benoa	3rd Class
	108	Lembar	3rd Class
	109	Padang Bai	4th-A Class
	110	Celukan Bawang	4th-A Class
	111	Bima	4th-A Class
	112	Badas	4th-A Class
	113	Gilimanuk	4th-A Class
	114	Labuhan Lombok	4th-A Class
	115	Labuhan Haji	4th-B Class
	116	Kempo	4th-B Class
	117	Benete	4th-B Class

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

## 2nd Class District Navigation Office (Area-12) **Benoa**

#### **Table of Content**

	Summary of Coast Station
	Inventory
	Status of Trouble
	Operation Schedule (Frequencies)
	Site Location
	Antenna Layout
	Equipment Floor Layout
	E/G Floor Layout
	System Block Diagram
	Power Block Diagram
Not	e:
	Available in this list
$\boxtimes$	Not Available in this list
	Unnecessary in this list

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

SUMMARY	Y OF	DISN	AV							SIT		BE	NOA	h. i	<u> </u>	
										CL	133		2nd	μν	0.	12
1. LOCATION				<del>- ,</del>												
Address										Fax		Longi		_   _	Lati	
JI. Raya Pelabuhan Benoa 8000					0361-720292				0361	-720716	115	12'	32"	E 0	8° 44	' 40" S
				<u> </u>												
2. GENERAL	COND	ITIONS														
Moving			from I	ort						mmoc	lation	Pop	ulation			
By Air to Denpas			30 hr.] [			<i>'</i>		-	□ Heavy			☑ Ho			<u> </u>	500,000
By Car to Benoa	[Takır	ig time 0							☑ Medium			□м	otel	—-		
				յ Մոլ	paved	road		_	ight			<u> </u>			╄	
								<u> 1</u>	Vone			<u> </u>			<u></u>	
3	. CON	DITION	NS OF	DIS	SNA	V O	FI	CE	! !			<u> </u>	Refe	er to a	ttached	l drawing
3.1 Site Conditi	ions															
Topography	ture of	of Soil Pa					Past disaster of site			Confirmation of existing system						
☑ Flat	at				nesto	ne		Fic	od			Yes No				
□ Slope						Flood Tide				□ □ Antenna						
☐ Hill-top		-					Rain Leakage			☐ ☐ Towers (Masts)						
☐ Basin		•						Gre	ound	Subside	nce	☐ ☐ Grounding system				
□ Valley	<u> </u>						$\perp$					☐ ☐ Lightning system				
Altitude		2.		31					Telephone Lines			☐ ☐ Feeder Cable Way			Way	
Land area			m²				Ø			Lines				ity w	ater	
		itions							3.3	Power	So					
				_	PI	LN Soi		<u>.</u>		E/G				Powe	r Conc	litions
Num. of story				ltage		220	V	4			<u>V</u>	Good				_
Structure				Phase						☐ Power Supply Sys						
Type of roof				Wire							☐ ☐ Operations of E/G					
Type of ceiling				kVA						Operations of AVR						
Type of wall			Quality of PLN sour													
Wall finish				Fluctuations V ±											Liter	
Flooring		Availability of power per day											k Liter			
		Power interruption /month						mes				rem				
Operation room				Total interpt. hours /month						ours	<del></del>					
E / G room Remark			μvia	Max interpt. hours at once						4 Hours   Dual System						
Remark																
	!	<del></del>				•										
4 00	EDATE	ONL AND	D B # 4	ENTO	7451	ANTO				6 DI	200				B / A 70	TONIC
<del>}</del>							<u> </u>			5. PI	rks	UNN		UK	WAI	IONS
Restoration flow										Chief		-				
bimple, repaired by										Operator (skilled)			0			
- Juniugus of Lightning				<u> </u>						Technician (skilled)			<del>.   -</del>	0		
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7					Environmental Conditions						Administrator			<u> </u>		
☐ Heavy rainfall	o or dans.	ages		Good		iciitai	COI	iiuit	10113	Admin	Stiate	<u>.                                    </u>	<del> </del>			
☐ Storm						Extern	al n	nise	<del></del>	Tota			+			
☐ Lightning	-					Air po				1014			<del> </del>			
☐ Other calamity						po		<del></del>								<del></del>
Institutional and Human Statuses									Training Record							
1 Budget										Course Class				Location Period Trained		
2 Spares						le 🗆					T					
3 Measuring eqpt	tools/					le 🔲					T					·
4 Number of Oper	Constructions  story One Concrete Coof Asbestos ceiling Plasterboard wall Brick Sh Mortar Tile Room Area (m²) coom  Actions taken in eq V Simple, Repaired ajor failure damaged by lightipares Not available Records of damages infall Institutional and H Sufficie Enoug g eqpt /tools □ Enoug of Operator □ Enoug of Operator □ Enoug of Operator □ Skilled					ole 🗆										
5 Number of Tech		☐ Enou	gh 🗆	☐ Reasonable ☐ Not enoug				ough								
6 Capability of Op		<del></del>				ad 🗆							1			
7 Capability of Ted	chnician	□ Skille	d   🗀	Not	so ba	ıd 🛭	No	t car	able		<u> </u>		1			ļ

SUMMARY OF DISNAV								SITE	BEN	OA					
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		6. STA	TISTIC	CAL CO	MMU	VICA'	TION T	RAFF	IC DAT	ΓA					
Maritime Safety						Public Telecommunication Service									
Years	TG	TEL	DSC	NBDP	Years	Tele	phone	TG Cali	Years	Telephone		TG Call			
						Call	Minute			Call	Minute				
1996					1991		l		1996		!				
1997			·		1992				1997		i				
1998					1993				1998						
1999					1994				1999						
2000					1995				2000						
				7.	COM	MEN	TS								
Suggestion															
Remarks															

### Maritime Telecommunication Facilities: Inventory, Plant Records and Outlook-2001

3rd Class Coast Station

Benoa

(Coast Station No. 107)

### **Table of Content**

- ☑ Summary of Coast Station
- ✓ Inventory
- ☑ Status of Trouble
- ☑ Operation Schedule (Frequencies)
- TRX Drawings:
- ☑ Site Location
- ☑ Antenna Layout
- ☑ Equipment Floor Layout
- ☑ E/G Floor Layout
- ☑ System Block Diagram
- ☑ Power Block Diagram

### Note:

- ☑ Available in this list
- Not Available in this list
- ☐ Unnecessary in this list
- \* Combined in one drawing

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

CITIBATE A TO	VOE	COAST	י פידי	4 Tri	(A)			SI	TE	BEI	NOA			_
SUMMAR'	YOF	COASI	. DIA	711	UN			C	LASS		3rd	NO.		107
1. LOCATION	1													
Station	Add	ress			Tel.			Fax		ongit			Latit	
TX/RX Jl. Pelabuh	an Benoa			037	0-72029	)2	0370	-72029	2 115	12'	32" E	08°	44'	40" S
			l				1					<u> </u>		
2. GENERAL	COND	ITIONS		•										
Moving	from Jal	carta	Site	Acces	s from P	ort	Roa	d Trai	Tic	Acce	mmoda	tion	Popu	ulation
By Air to Denpas			ь.] 🗆 Hi	ghwa	.y		Heavy	y		☑ Ho	tel		5	00,000
By Car to Location	ı [Takir	ng time: <u>030</u> h	ம.] ☑ Pa	ved		Ø	Mediu	ım			otel			
			□ Uı	npave	d road		Light			<u> </u>				
							None			<u> </u>				
	3. C	ONDITIO	NS O	F SI	ATIO	N					Refer	to atta	ched	drawin
3.1 Site Conditi	ions													
Topography	T	Natur	e of Soil			P	ast disa	ster of	site	Con	firmatio	n of exi	sting	system
☑ Flat		ry soil		imest	one	□ F.	lood			Yes	No			
□ Slope	1	rdinary	□ G	ravel		□ F	lood T	ide		Ø	□ An	tenna		
□ Hill-top	□ s	wampy	□ R	ocky		□ R	ain Le	akage		Ø	□ To	wers (	Mast	s)
□ Basin		lay				□ G	iround	Subsid	ience	Ø		oundin		
□ Valley	⊠ s	andy				<u> </u>				Ø		ghtning		
Altitude		2.50	M				elepho	one Li		☑		eder Ca		Vay
Land area		2,255	m²			Ø	1	Lin	es	Ø	☐ Cit	y wate	г	
3.2 Buildir	ig Cond	litions					3.3	Pow	er So	urce				
	tructions		İ	P	LN Sou	rce		E/G		Exi	sting P	ower (	Cond	itions
Num. of story	One		Voltage		220		1	22	o v	Good	Bad			
Structure	Concre	te	Phase			3			3	Ø	☐ Pov	ver Su	ply S	system
Type of roof	Asbesto	)S	Wire			4			4	Ø	☐ Ope	ration	of E	:/G
Type of ceiling	Plasteri	oard	kVA	T		15			7.5	Ø	☐ Ope	ration	of A	\VR
Type of wall	Brick			Q	uality o	f PLI	V sour	ce			pacity o			
Wall finish	Mortar		Fluctua	tions			V±	%		Day to	ank		100	
Flooring	Tile		Availab	ility c	of power	per d	lay	24	Hours					k Liter
Room	Area (m²	·)	Power	intern	uption /ı	month	1	1	Times	]	E/G Sta	nd-by	Syst	em
Operation room		28.80	Total in	iterpt	hours /	montl	h [	4	Hours	Ø	Single	Systen	n	
E/G room		15.00	Max. in	terpt.	hours a	t once	e	4	Hours		Dual S	ystem		
		system will l			١.									
	Planning	removed to T	X Statio	on.			_							
4. OP	ERATI	ON AND	MAIN'	TEN	ANCI	3		5. I	ERS	ONN	EL F	<b>DRM</b>	<u>ATI</u>	ONS
		aken in equi			e						T	/RX	1	
Restoration flow	Simple	e by him self t	echnicia	ın		<u> </u>		Chief				1	<u> </u>	
Examples of major failu	re Radio	does not fund	ction, da	mage	by light	ening			ator (sk			5 (25)	1	<u> </u>
Sufficiency of spares								<del></del>	nician (		l)	1(1)	<u> </u>	()
Record	ls of dam	ages			mental (	Cond	itions	Admi	nistrato	or	_		ـــــــ	
☐ Heavy rainfall				Bad									↓	
☐ Storm			回					Tot	a i			28	<del> </del>	
	MF/HF T	ransceiver	Ø		Air pol	lution	l	ļ					┼	
Other calamity				ــــــــــــــــــــــــــــــــــــــ	<u> </u>			<b> </b>			<u>.                                     </u>		<u> </u>	
	Instituti	onal and Hu				· -	<del></del>	<del>  _</del>			ning Re	cord	l	T!-
1 Budget		Sufficien						Cou	rse	Class			1100	Trainee
2 Spares		☐ Enough			ble 🗹					<u> </u>	Jakar		- 1	7
3 Measuring eqpt		□ Enough			ible 🗹					II One	Surab		+	
4 Number of Oper	ator	☐ Enough	⊔ Re	asona	ble 🗹	Not e	<u>nough</u>	עיי		Oru	Sby/J	NI I	<u>`</u>	18

☐ Reasonable ☑ Not enough Oru
☐ Reasonable ☑ Not enough TTP

☑ Not so bad ☐ Not capable ☑ Not so bad ☐ Not capable

5 Number of Technician

6 Capability of Operator
7 Capability of Technician

☐ Enough

☐ Skilled ☐ Skilled ļ

уКТ

III

ZTINAN/	IADV	OF C	O A ST	י ביתרי איז	rion:	·		SITE	BEN	OA		
OTATIA'	IANI	OF C	OASI	SIA	HUN			CLASS	3	3rd	NO.	107
		6. STA	TISTIC	CAL CO	MMU	NICA:	TION T	RAFF	IC DAT	ΓA		
	Mai	ritime Sa	fety			Pr	blic Te	lecomn	unicat	ion Se	rvice	
Years	TG	TEL	DSC	NBDP	Years	Tele	phone	TG Call	Years	Tele	phone	TG Call
		[		<u></u>		Call	Minute		l	Call	Minute	
1996					1991			198	1996			220
1997					1992			106	1997			198
1998					1993			210	1998			232
1999					1994			309	1999	-		310
2000					1995			225	2000			213
				7.	COM	MEN'	TS		• • • • • • • • • • • • • • • • • • • •			
uggestion	done opt	or maintena imally and transpo			mmunicat	ion facili	ty is not su	afficient, t	herefore T	`elecomm	unication ca	in not b
Remarks			.**		•	70						-

# BNA-107- (1 / 6) Site Name: Benoa INVENTORY

Condition		Damaged	Good	Damaged	Damaged	Damaged		, C00d	Not used	Not used	Good	Good	Good	Good	Good	Good		Good		Damaged	Damaged	Good	Good	No Good	Good	Good	Cood
Maintenance Record																											
Reference							5	r-1A-193' FH3	F-TA-193 P113	F-TA-193; PH3	F-TA-193: PH3	F-TA-193 PH3	F-TA-193; PH3	F-TA-193; PH3	F-TA-193, PH3	F-TA-193, PH3		F-TA-193: PH3		F-TA-193; PH3	F-TA-193· PH3	F-TA-193 PH3	F-TA-193 PH3	F-TA-193: PH3	F-TA-193 PH3	F-TA-193 PH3	F-TA-193· PH3
Date	ì	1976	1991	1982	1982	9261	ò	0261	9661	9661	9661	1996	9661	9661	9661	9661		1996		9661	1996	9661	1996	1996	1996	1996	1996
Manufacturer	Į	PYE	ICOM	RFC	RFC	Furuno	:	Sallor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor		Sailor		Sailor	Sailor	Sautor	Sailor	Sailor	Sailor	Sailor	Sailor
Serial No	,	5906	2909 4460	820429	4095	5320034		700	504091	504049	495755	504063	504124	504081	504074	504106		200		507803	507977	509924	509684	509627	509631	512142	512143
Type		130M	150M 1C-M700	FT-300C	01/011	NS-11A	200	MT-002	T1127L	T1127L	S 1301L	S 1301L	H1201	H1201	N1401	N1401		RH-16-3		T2131	T2131	N2171	N2171	AT 2112	AT 2112	H2185	H2185
Description	Radio Equipment Transmitter	SSB Transceiver	SSB Transceiver	SSB Transceiver	SSB Transceiver	SSB Radio Phone	MF/HF Operation Console	MF Transmitter	400W MF Transmitter	400W MF Transmitter	Exciter	Exciter	Tuner	Tuner	Power Supply	Power Supply	MF/HF Console	MF/HF Console	Mr / Hr Equipment	600W MF/HF Transmitter	600W MF/HF Transmitter	AC Power Supply	AC Power Supply	Antenna Coupler	Antenna Coupler	CW Unit	CW Unit
Registered No.																											
No	1-1	- ر	1 M	4	'n	9	7-7	1-2-1	-	7	m	4	٧ſ	છ	7	∞	1-3	1-3-1	1-5-1		7	m	4	S	9	7	∞

ce Condition		Good	Good	Good	Good	Good		Good	Good		Good	Cood	Good	Good	Good	Good		Good	Good	Good	Cood	Good		Good	Good	Good							
Maintenance Record																							•								•		
Reference		F-TA-193; PH3	F-TA-193 PH3	F-TA-193, PH3	F-TA-193, PH3	F-TA-193: PH3		F-TA-193 PH3	F-TA-193: PH3		F-TA-193: PH3	F-TA-193; PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193. PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193, PH3	F-TA-193: PH3	F-TA-193; PH3	F-TA-193; PH3		F-TA-193: PH3	F-TA-193: PH3	F-TA-193 PH3	F-TA-193: PH3	F-TA-193: PH3		F-TA-193: PH3	F-TA-193 PH3	F-TA-193: PH3
Date		9661	1996	1996	1996	1996		1996	1996		1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996		1996	1996	1996	1996	1996		1996	1996	1996
Manufacturer		Sailor	Sailor	Sailor	Sailor	Sailor		Sailor	Sailor		Sailor		Sailor			Sailor	Sailor		Sailor	Sailor	Sailor												
Serial No		511695	511692	494631	494635			511366	510641		63609																59AP3175675K	114483			129		
Туре		RE2100	RE2100	R2120T	R2120T	H2054		RM2150	N2165		TT-6200A	TT - 101064	TT - 101065	TT - 101051	TT - 10123	TT-101190	TT - 101217	TT - 102239	TT - 1022337	TT - 102238	TT - 101242	TT - 101122	TT - 101241	TT-3634A			TT-1608C	TT-3602B	TT-1542B		MTX-1616	KK-1	H2054
Description	All Wave Receiver	Control Unit	Control Unit	Duplex Receiver	Duplex Receiver	Loudspeaker (2)	Spot Receiver	MF/HF DSC W/K RX	Power Supply	Terminal Unit (DSC VHF/HF)	DSC System	LAN	LAN I/O	CPU	CPU I/O	PARALEL	PARALEL I/O	VHF MODEM	HF MODEM	MODEM I/O (2)	ALARM I/O	POWER SUPPLY	POWER INPUT	DSC Operation Position Terminal / Po	Compaq Proline 466	Compaq Monitor 140	Printer (H-1252A)	Monitor Display	DSC Alarm	Signal Control Panel	Audio/Digital Matrix	Keyer	Loudspeaker
Registered No.										•																							
No	1-3-3		7	m	4	Ś	1-3-4	_	7	1-3-5	_	7	m	4	Ś	y	7	<b>∞</b>	6	2	=	12	13	1-3-6						1-3-7			

No Registered No. 1-3-8 1-3-9 1-3-10 1-3-11 1 2 2 3 1-4 1-4-1 1-4-2		Description	T						
1-3-8 1-3-9 1-3-10 1-3-11 1-4-1 1-4-1 1-4-2		Tractifical	1 y Inc	Serial No	Manufacturer	Date	Reference	Record	Condition
1-3-9 1-3-10 1-3-11 2 2 3 1-4-1 1-4-2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> </u>	Telephone Repeater (Phone Patch)	0000 I III G		:	,			
1-3-10 1-3-11 1-3-11 1-4 1-4-1 1-4-2		Radio/ Let I/F Onit ARO Equipment	K10-282	551	Sallor	9661	F-1A-193; PH3		Damaged
1-3-10 1-3-11 2 1-4 1-4-1 1-4-2	_	Radiotelex Modem	TT-1585E	42751	Sailor	9661	F-TA-193: PH3		Good
1-3-10 1-3-11 2 2 3 1-4 1-4-2 1 -4-2		ARQ Key Board	TT-1601 A	K91.11	Sailor	9661	F-TA-193: PH3		Good
1-3-10 1 -3-11 2 2 3 3 1-4 1-4-1 1-4-2		Printer (H1252A)	TT1680C	59AP3175673K		9661	F-TA-193; PH3		Good
1-3-11 2 2 1-4-1 1-4-1 1-4-2	<u> </u>	Telex Alarm HF Console	TT-1542B		Sailor	9661	F-TA-193: PH3		Good
1-3-11 2 2 1-4 1-4-1 1 1-4-2	<u> </u>	HF Console	NCU 282S	BP 3142	JRC	1987			Damaged
1-4-1 1-4-2 1 -4-2	<u> </u>	Receiver							)
1-4-1 1-4-1 2	<u> </u>	Receiver	NDR 142A	R-30369	JRC	1964			Not used
1-4 1-4-1 1-4-2 2	<u>α</u> α	Receiver	FRE-7700	01011115SE	Yaesu	1982	-		Not used
1-4-1 1-4-2 1 2	-		00//	INITIAL LOOF	1 4550	1702			Damaged
1-4-1 1-4-2 1	<u> </u>	VHF System		-					
1-4-2 1 2	<u>U</u>	Operation Console	RH-16-1	005	Sailor	1996	F-TA-193; PH3		Good
7 7	<u> </u>	Multichannel VHF Tranceiver							
2		50W VHF Tranceiver	RT 2048	510954	Sailor	1996	F-TA-193: PH3		Good
		50W VHF Tranceiver	RT 2048	510933	Sailor	1996	F-TA-193: PH3		Good
<u> </u>		50W VHF Tranceiver	RT 2048	510934	Sailor	1996	F-TA-193: PH3		Good
4		50W VHF Tranceiver	RT 2048	510945	Sailor	9661	F-TA-193; PH3		Good
5		RF Linear Power Amplifier	A2080BE-H	255	Sailor	1996	F-TA-193: PH3		Good
9 1		RF Linear Power Amplifier	A2080BE-H	257	Sailor	1996	F-TA-193: PH3		Good
	• ••••	RF Linear Power Amplifier	A2080BE-H	260	Sailor	1996	F-TA-193: PH3		Good
∞ ₁		RF Linear Power Amplifier	A2080BE-H	289	Sailor	9661	F-TA-193: PH3		Good
6		Duplex Filter		237191	Sailor	1996	F-TA-193, PH3		Good
0 :		Duplex Fifter		237202	Sailor	1996	F-TA-193· PH3		Good
= :		CH-70 VHF T/R			Sailor	1996	F-TA-193· PH3		Good
- 12		VHF T/R	RT2048	510941	Sailor	1996	F-TA-193: PH3		Good
		High Low I/F Unit (2)			Sailor	1996	F-TA-193: PH3		Good
14		RF Power Amplifier	A2080BE-H	251	Sailor	1996	F-TA-193, PH3		Good
<u></u>		AC Power Supply	N163S	N16314	Sailor	1996	F-TA-193· PH3		Good
9 :		DC Power Supply	N420	N42014		1996	F-TA-193, PH3		Good
17		AC Power Supply	PSF-1	TWQ/11317/22	Sailor	1996	F-TA-193. PH3		Good

								Maintenance	
N <sub>o</sub>	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Record	Condition
1-4-3		C VHF/H	F)		:				
		latrıx	MIX-1616	124	Sailor	1996	F-TA-193: PH3		Cood
1-4-4		Leiphone Kepeater   Radio/Tel I/F Unit	RT1J-280	133	Sailor	1996	F-TA-193: PH3		Damaged
1-4-5		VHF Transceiver		) )					239mm2
- r		VHF Transceiver Ch.:16, 20, 22	FTC-1550A 838600	838600	Yaesu	1987			Damaged
٧		Viir Italiscelver	CIM FAD 4AB	90607-151556	Fullips	9/61			Damaged
7		Tower & Antenna System							
2-1		Tower & Mast							
- (		Panzer Mast 20mHx5	6		Philips	1976			Good
77 (*		30 mH Self Supporting Structure	AT30SS		Sailor	1996	F-TA-193: PH3		900 000
ा च		Lightning Protector (2)			Sailor	1996	F-TA-193: PH3		Cood
Ŋ		Grounding (2)			Sailor	1996	F-TA-193. PH3		Good
2-2		Antenna System							
_		Inverted L-Type Antenna				1976			Good
7		Inverted L-Type Antenna				1976			Good
m ·		Inverted L-Type Antenna				1976			Good
4 '		Doublet Antenna				1976			Good
<u> </u>		Doublet Antenna				1976			Good
9 1		T-Type Antenna for Tx	CA5/1-20-15		Sailor	1996	F-TA-193: PH3		Good
, <sub>c</sub>		I/L Antenna for I/K	HF7		Sailor	1996	F-TA-193: PH3		Good
		Antenna Distributor	AAD10/1/A-J1-6G 001003	001003	JRC	1996	F-TA-193 PH3		Cood
(			··· a=···						
<u>ر در</u>		Power Supply Equipment							
		Power Distribution Board			,				
(		PDB for LXKX /.5 KVA, Local			Local	9661	F-TA-193: PH3		Good
3-5		Isolation Transformer	,		į				
(t		7.5 kVA, 3P, 4W	IST10P3	9503	Sailor	1996	F-TA-193 PH3		Good
5-5 1		Step-Up Fransiormer 99kVA 3P 4W	STU10P3	9515	Sailor	1996	F-TA-193: PH3		Good
		7.1. 12. 1. 1. 2. 2. 2. 3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			,	ׅׅׅׅׅׅׅׅׅ֭֭֡֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֡֟֝֟֝֡֜֝֟֝֡֝֡֝֡֡֝֡֜֝֡֡֡֝֡֡֝֡֡֜֝֡֡֡֝֡֡֡֝֡֡֡֡֡֡֡֡	A 44. 8/7/1 8 400 1		2000

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	Condition	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good		පි	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good		පි 
Maintenance	Record																															
	Reference	F-TA-193: PH3	F-TA-193· PH3	F-TA-193: PH3	F-TA-193 PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193: PH3				F-TA-193: PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193; PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193; PH3	F-TA-193, PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-103 PH3	
	Date	1996	1996	1996	1996	1996	1996	1996	9661	9661	9661				1996	1996	1996	9661	9661	1996	1996	9661	9661	9661	9661	9661	1996	9661	9661	1996	1996	
	Manufacturer	HP	HP	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor		Sanyo	Sanyo	Proskit	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	
	Serial No			65WA1269					17020	17021																	· · · · · · · · · · · · · · · · · · ·					
	Type			2406A					8201	8201					RS541-365	T-1542B	N2165		A2080BE-H	T2131	H2185	N2171	T1127L	N1401	S1301L	RE2100		R2120T		RM2150		
	Description	Hoester House Yellow (x1) (3)	User Manual (x2) (6)	Insulation Tester	Line Plobe (x1)	Earth Plobe (x1)	Carrying Case (x1)	Instruction Manual (x1)	RF Coaxial Load Resistor	RF Coaxial Load Resistor	Connection Cable (2)	Others	Air Conditioner 1 PK	Air Conditioner 1 PK	Services Engineers Kit	Loudspeaker	Alarm	Power Supply	RF Power Amplifier	MF/HF Tx	CW Unit	Power Supply	MF Tx	Power Supply	Exciter	Rx Control Unit	Module Level Spare Kit	Duplex Rx	Module Level Spare Kit	MF/HF W/K RX	DSC W/K Rx	
	Registered No.									-			_				•	•			- <del>-</del>										-	
	% N	13	14	15	91	11	8	61	20	71	22			7	m	4	5	9	7	×	ç	0	=	12	13	4	15	91	1.1	18	61	•

SITE NAME: BENOA

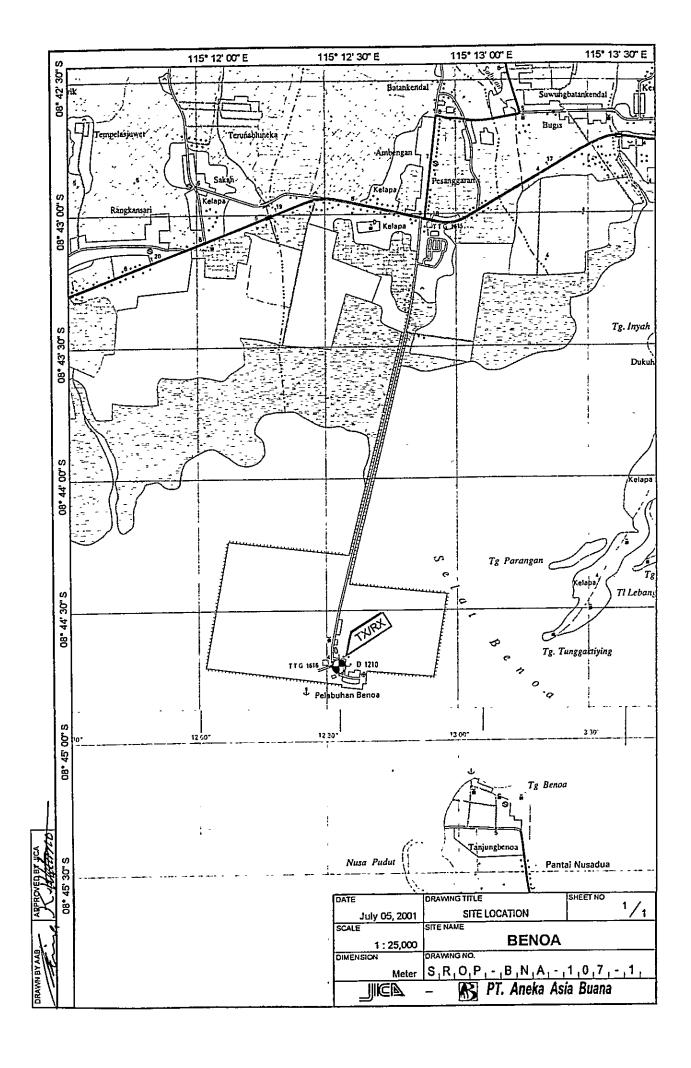
BNA-107-(1/1)

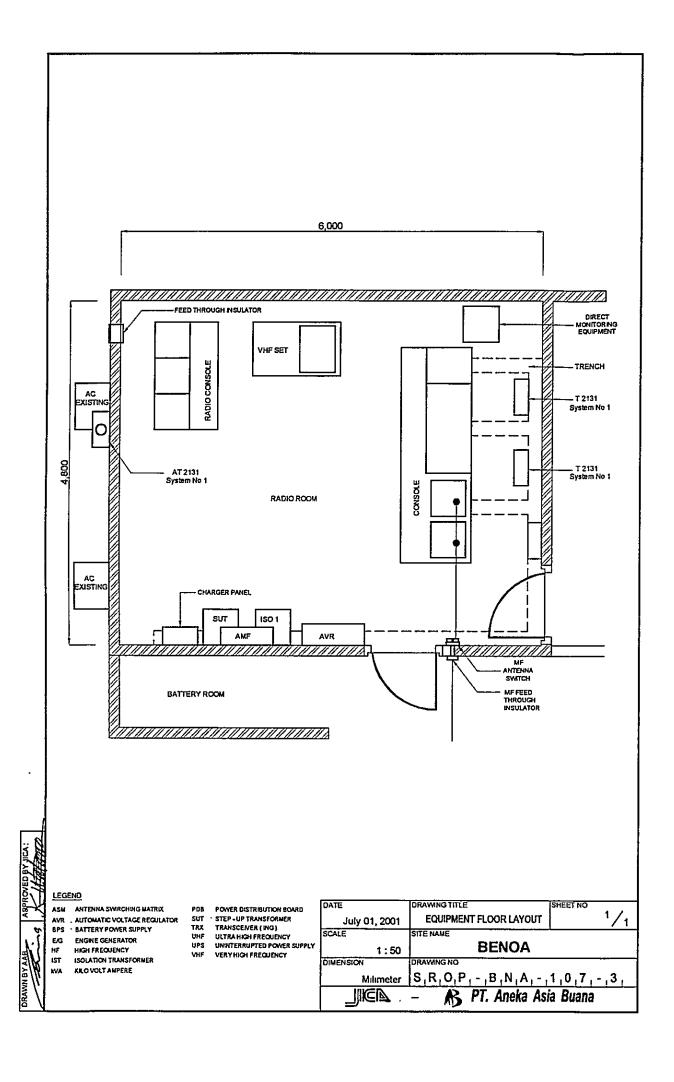
Item / Equipment	Transceiver / MF/HF		
Manufacturer	Sailor		
Manufacturer in year	1995		
Defective panel / unit	f		
	Cause doe to:		Repairing to be:
	☐ Aging		区 Immediacy
Details of Trouble Status	☑ Lightning	lemonan of Donois	☐ By next year budget
	□ Corrosion	Organicy of Nepall	☐ By next project
	☐ Lack of Spares		☐ Unnecessary
	□ Others		
General Comment for Maintenance:	251		
For the time being, damaged by lightening are as	htening are as follows:		
- Sailor SSB 600 PEP: Module 8 (7	- Sailor SSB 600 PEP : Module 8 (TX Processor), Module 9 (Power Supply)	ply)	
- Sallor vir Trance: Vir Modem 102239, HF/MF Modem 102237 - MF Console Sailor: Tube 8122	ı 102239, HF/MF Modem 102237		
'- Sailor RE. 2100 : Module 3 (Syntl	- Sailor RE. 2100 : Module 3 (Synthesizer), Module 5 (Processor Unit)		

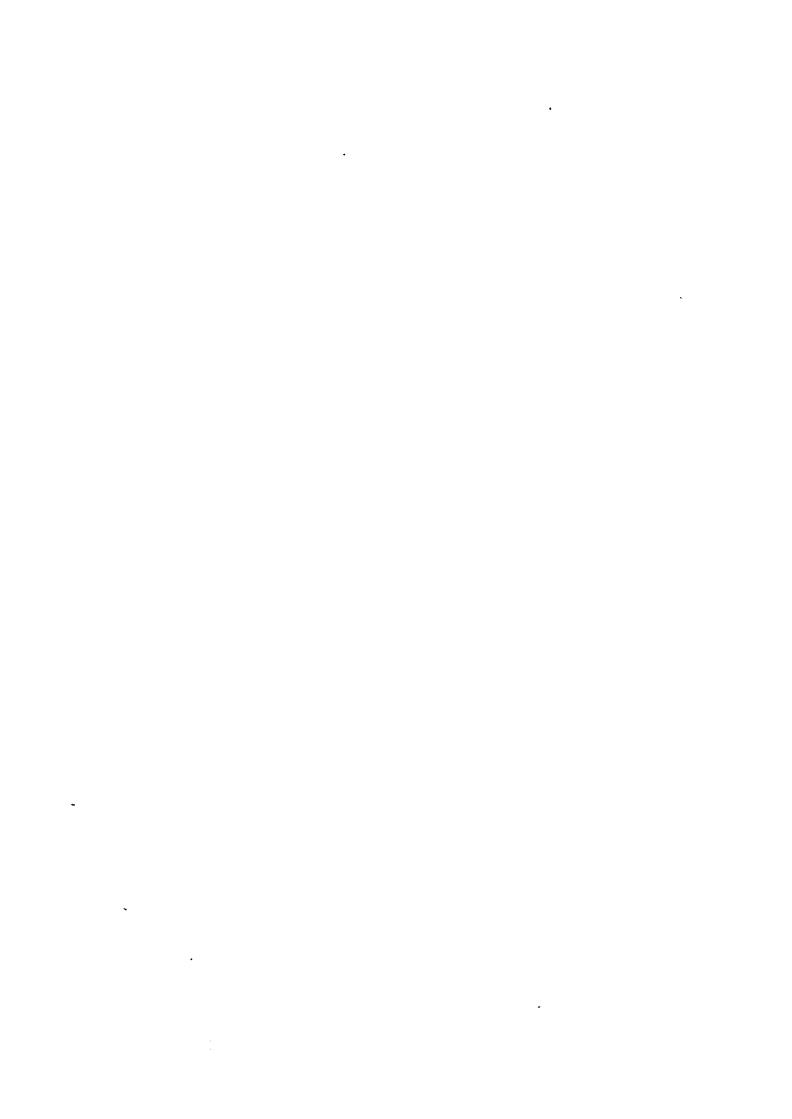
### BNA-107-(1/1)

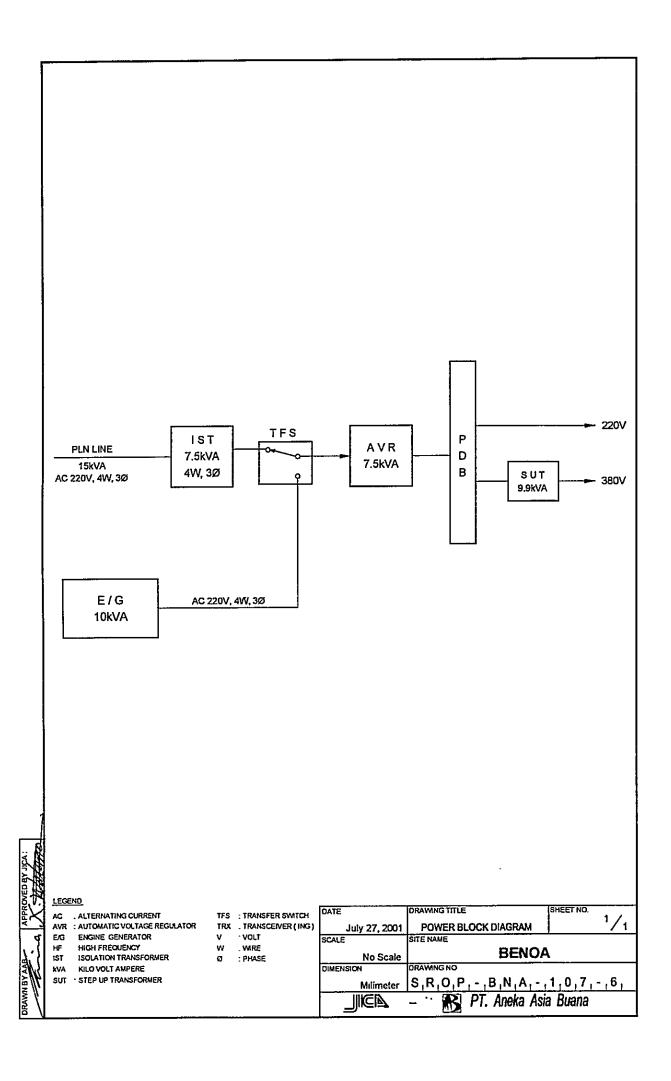
### OPERATION SCHEDULE (FREQUENCIES) Call Sign: Mobile Service: PKD.5 Fix Service:

Wilssian (W) or oz oz oz oz oz oz oz oz oz oz oz oz oz	$\parallel$	FREQUENCY		POWER	VII :	
Mobile Service 500, A1A 1000 1000 1000 1000 1000 1000 10		_	EMISSION	(W)	02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21	REMARK
500,0 A1A 1000 2 182,0 J3E 1000 8 794,0 J3E 500 8 2170,0 J3E 500 2 187,5 F1B 500 Channel-16 G2B 50 Channel-20 G2B 50 Channel-20 G3E 50 Channel-70 G2B 50 Channel-70 G2B 50 Channel-70 G2B 50 Channel-70 G2B 50 Channel-70 G2B 50 Channel-70 G2B 50 Channel-70 G3E 50 Channel-70 G3E 50 Channel-70 G3E 50 Channel-70 G3E 50 Channel-16 G3E 50 Channel-16 G3E 50 Channel-16 G3E 50 Channel-16 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Channel-10 G3E 50 Cha	٣	Aobile Service				
2 182,0 J3E 1000   1   1   1   1   1   1   1   1	-		A1A	1000		
6215,0  8 794,0  318 500  8 270,0  32 8 270,0  318 500  2 174,5  F18 500  Channel-20  Channel-20  G28 50  Channel-70  G3E 50  H H H H H H H H H H H H H H H H H H H	7	2 182,0	, E	1000		
8 270,0 J3E 500   1   1   1   1   1   1   1   1   1	. m	6215,0	- 3E	200		
8 270,0 Jae 500	4	8 794,0	JSE	200		
6 491,5 A1A 1000   1   1   1   1   1   1   1   1	10	8 270,0	_ ਜ ਜ	200		
2 187,5 F1B 500	9	6 491,5	A1A	1000		
2.174,5 F1B 500			F18	200		
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Channel-16 G3E 50		/HF Service				
Channel-20 G2B 50		Channel-16	G3E	20		
Channel-22 G3E 50 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Channel-20	G2B	SS		
Би Service 5316,0 328 50 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Channel-22	G3E	20		
Fix Service 5 316,0 6 926,0 9 950,0 3 150	_	Channel-70	G28	- - - - -		
Fix Service 5 316,0 J3E 150 6 926,0 J3E 150 9 950,0 J3E 150		'				
5 316,0 J3E 150 6 926,0 J3E 150 9 950,0 J3E 150						
6 926,0 J3E 150 J3E 150 J3E 150 J3E J50 J3E J50 J3E J50 J3E J50 J50 J50 J50 J50 J50 J50 J50 J50 J50	6	5 316,0	JSE	150		
9 950,0	Ξ:	6 926,0	J3E	150		
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### Maritime Telecommunication Facilities: Inventory, Plant Records and Outlook-2001

3rd Class Coast Station

Lembar

(Coast Station No. 108)

### **Table of Content**

- ☑ Summary of Coast Station
- ☑ Inventory
- ☑ Status of Trouble
- ☑ Operation Schedule (Frequencies)
- TRX Drawings:
- ☑ Site Location
- ☑ Antenna Layout
- ☑ Equipment Floor Layout
- ☑ E/G Floor Layout
- ☑ System Block Diagram
- ☑ Power Block Diagram

### Note:

- ☑ Available in this list
- ☑ Not Available in this list
- ☐ Unnecessary in this list
- \* Combined in one drawing

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUM	MARY	OF	COAS	T S	STA	TIO	N			SIT			IBAR	h.r.		<del>_</del>	
	CATION									[CL	ASS	1	3rd	NC	<u>).                                    </u>	ㅗ	108
Station	LATION	Addı	•eca		Τ	Те	<u> </u>			Fax	1	Longitu	ıda			titu	
	JI. Raya Pel				+	681			-	81124	116		23" E	08		13'	
170101	Ji. raiya r ci	uomian 20	-1110ui		+	061	124		0.	01124	110		23 L	1 00		13	41 3
2. GEN	NERAL (	CONDI	TIONS		-												
		from Jak			Site A	ccess fro	om Po	rt	Roa	ad Traffi	c	Acco	mmodat	ion	Po	pul	lation
By Air	to Mataran			[hr.]	⊐ Hig	ghway			Heav			☐ Hot	tel			_	0,000
By Car	to Lembar	[Takın	g time <u>100</u>	hr.] [	✓ Pav	ved			Medi	um		☑ Mo					
				C	∃ Un	paved ro	oad	<b>7</b>	Light	:	·········						
									None	;							····
		3. C	ONDITI	ONS	OF	' STA'	TIO	V					Refer	to at	tach	ed d	Irawin
3.1 Site	Conditi		<u> </u>	<u> </u>		<u> </u>		<u>'</u>				<u>'</u>					
	graphy	<del></del>	Natu	re of	Soil			Pas	st dis	aster of s	ite	Confi	irmatio	ı of e	xisti	ng s	vstem
☐ Flat	· B· · · P · · · J	D D	ry soil			mestone	: [	J Flo					No		~		<i>j</i> 014
□ Slope	2	1	rdinary			avel		⊐ Fid		Γide		Ø	□ An	tenna			
☑ Hill-t		1	wampy	☑		ocky				eakage				wers		asts'	<del></del>
☐ Basin			lay							l Subside	nce	☑		ound	_		
☐ Valle		1	andy									Ø		htnir	_=		
Altitude		1	34.00	M				Te	leph	one Line		Ø		der (			
Land are	ea		425.00	) m²	2		[8	<u> </u>	1	Lines			_	y wai			
3.2	2 Buildin	g Cond	itions				<u>.</u>		3.3	Power	Soi	ırce					
		ructions		+		PLN	Sour	ce		E/G			ting Po	wer	Co	ndit	ions
Num.	of story	One		Vo	ltage		220			220	v	Good B					10110
Struct		Concret	e		ase	<u> </u>		1			1	<b>1</b>	□ Pow	er Sı	lagu	v S	ystem
Туре	of roof	Asbesto	S	Wi	re	İ		2			2	<b>1</b>		ratio			
Туре	of ceiling	Plasterb	oard/Triple	x kV	Ά		10.	6		1	0	2	□ Ope	ratio	ns o	fΑ	VR.
Туре	of wall	Brick				Qual	ity of	PLN	sou	rce		Cap	acity o	f fue	l fo	- en	gine
Wall f	inish	Mortar		Flu	ctuat	ions		18	ν±	8%		Day ta	nk		100	L	iter
Floori	ing	Tile		Av	ailabi	lity of po	ower j	oer da	ıy	24 H	lours	Main t	ank			l k	Liter
	Room A	krea (m²	)			nterrupti				16 T	imes	E	/G Sta	nd-b	y Sy	ste	m
Operatio	n room		40 00	То	tal int	erpt. ho	urs /n	onth		50 H	ours	Ø	Single	Syste	em		
E/Groo	om		16 00	Ma	x. int	erpt. ho	urs at	once		120 H	ours		Dual S	ysten	n		
Remark							····										
	4. OPI	ERATIO	ON AND	MA	INT	ENAN	VCE			5. PF	RS	ONNI	EL FO	)RN	<b>1Δ</b>	FI(	NS
	•		aken in equ							1 3.11	3240	<u> </u>		/RX	_		<u> </u>
Restoration			o Worksho				comi	nΩ		Chief			1				
Examples o	f major failur		nitter equip							Operate	or (sk	illed)		8 (6)	)		0
Sufficiency	of spares		of the equip		_					Technic				()			Ó
	Records	s of dama				ironmer		ondit	ions					<u>``</u>	7		v_
□ Heavy	rainfall		<u> </u>		Good	Bad						•					
☐ Storm					Ø	□ Ex	ternal	noise	s	Tota	1			9	)	-	
☑ Lightn	ing A	AF/HF C	onsole		Ø	🛘 🗘 Aiı	r poliu	tion									
☐ Other																	
		Institutio	nal and H									Train	ing Re				
1 Budge		<del></del>	☐ Sufficie							Cours	e	Class		_			rainee
2 Spares			☐ Enough			sonable						I	Surab				
3 Measu	ring eqpt /	tools	☐ Enough	15	1 Rea	sonable	$\square N$	ot en	ough	Prc		11	Surab	aya	1997	1	1

☐ Reasonable ☑ Not enough Oru

☐ Reasonable ☑ Not enough Oru

☑ Not so bad ☐ Not capable Oru ☑ Not so bad ☐ Not capable

4 Number of Operator

5 Number of Technician

6 Capability of Operator
7 Capability of Technician

☐ Enough

☐ Enough

☐ Skilled

☐ Skilled

2

1

2

1997

1999

2000

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		6. STA	TISTIC	CAL CO	MMU	VICA?	TION T	RAFF	IC DAT	ΓA		
	Mai	itime Sa			1		blic Tel				vice	
Years	TG	TEL	DSC	NBDP	Years	Tele	phone	TG Call	Years	Tele	hone	TG Call
						Call	Minute		l[	Call	Minute	
1996		8			1991	42	<u> </u>		1996	93		
1997		5			1992	36			1997	108		
1998		6			1993	47			1998	63		
1999		9			1994	135			1999	84		
2000		4			1995	136			2000	61		
<u>::</u>	<del></del>			7.	COM	MEN	TS					
uggestion	resources	e for Maritir must be hig		nmunication	is very e	rpensive	, and cost f	or mainte	nance is h	igh and o	perator hun	nan

# LBR-108- (2 / 6) Site Name: Lembar INVENTORY

Tric200A   Tric200A   Sailor   1996   F-TA-193; PH3   Tric200A   Tric200A   Sailor   1996   F-TA-193; PH3   Tric200A   Tric200A   Sailor   1996   F-TA-193; PH3   Tric200A   Tric200A   Sailor   1996   F-TA-193; PH3   Tric2013   Sailor   1996   F-TA-193; PH3   Tric2013   Sailor   1996   F-TA-193; PH3   Tric2013   Sailor   1996   F-TA-193; PH3   Tric2013   Sailor   1996   F-TA-193; PH3   Tric2013   Sailor   1996   F-TA-193; PH3   Tric2013   Sailor   1996   F-TA-193; PH3   Tric2013   Sailor   1996   F-TA-193; PH3   Tric2013   Sailor   1996   F-TA-193; PH3   Tric2013   Sailor   1996   F-TA-193; PH3   Sailor   1996   F-TA-193; PH3   Tric2013   Sailor   1996   F-TA-193; PH3   Sailor   1996   F-TA-193; PH3   Tric2013   Sailor   1996   F-TA-193; PH3   Sailor   1996   F-TA-193; PH3   Sailor   1996   F-TA-193; PH3   Tric2013   Sailor   1996   F-TA-193; PH3									Mannenance	
Tremail Unit (DSC VHF/HF)   Tr-62004   Sailor 1996 F-TA-193: PH3	-	Registered No.	Description	Type		Manufacturer	Date	Reference	Record	Condition
DSC System	-2-5		Terminal Unit (DSC VHF/HF)							
LAN	_		DSC System	TT-6200A		Sailor	1996	F-TA-193: PH3		Good
Tr. 101065   Sailor   1996   F-TA-193: PH3	7		LAN	TT - 101064		Sailor	9661	F-TA-193: PH3		Good
CPU JO         TT - 10123         Sailor         1996         F-TA-193; PH3           PARALEL         TT - 10124         Sailor         1996         F-TA-193; PH3           PARALEL         TT - 10124         Sailor         1996         F-TA-193; PH3           VHR MODEM         TT - 102237         Sailor         1996         F-TA-193; PH3           VHR MODEM         TT - 102238         Sailor         1996         F-TA-193; PH3           ALARAN I/O         TT - 101242         Sailor         1996         F-TA-193; PH3           POWER SUPPLY         TT - 101242         Sailor         1996         F-TA-193; PH3           POWER INPUT         TT - 101242         Sailor         1996         F-TA-193; PH3           POWER SUPPLY         TT - 101241         Sailor         1996         F-TA-193; PH3           DSC Operation Position 466         TT - 1608C         Sailor         1996         F-TA-193; PH3           ALARAN I/O         TT - 1608C         Sailor         1996         F-TA-193; PH3           DSC Operation Position 466         TT - 1608C         Sailor         1996         F-TA-193; PH3           Monitor Display         TT - 1608C         Sailor         1996         F-TA-193; PH3           Keyer	т		LAN 1/0	TT - 101065		Sailor	1996	F-TA-193: PH3		Good
PARALEL   17 - 10123	4		CPU	TT-101051		Sailor	1996	F-TA-193: PH3		Good
PARALEL   TT - 101190	5		CPU I/O	TT - 10123		Sailor	1996	F-TA-193; PH3		Good
VHE MODEM   TT - 101217   Sailor   1996   F-TA-193; PH3	9		PARALEL	- 1		Sailor	1996	F-TA-193; PH3		Good
VHF MODEM         TT - 102239         Sailor         1996         F-TA-193. PH3           MODEM I/O (2)         TT - 102237         Sailor         1996         F-TA-193. PH3           MODEM I/O (2)         TT - 10122         Sailor         1996         F-TA-193. PH3           POWER SUPPLY         TT - 101122         Sailor         1996         F-TA-193. PH3           POWER INPUT         TT - 101121         Sailor         1996         F-TA-193. PH3           DSC Operation Position Terminal / PC TT-3634A         S14Ar0558A04         Sailor         1996         F-TA-193. PH3           DSC Operation Position Position Terminal / PC TT-3634A         TT - 1608C         Sailor         1996         F-TA-193. PH3           Compaq Poline 466         TT - 1608C         Sailor         1996         F-TA-193. PH3           Monitor Display         TT - 1602B         Sailor         1996         F-TA-193. PH3           Monitor Display         TT - 1542B         Sailor         1996         F-TA-193. PH3           Keyer         KK-1         356         Sailor         1996         F-TA-193. PH3           Radiorle Matrix         KTU - 282         145         Sailor         1996         F-TA-193. PH3           Receptore         Telephone Repeater (Phone P	7		PARALEL I/O			Sailor	1996	F-TA-193: PH3		Good
HF MODEM   TT - 102233	∞		VHF MODEM			Sailor	1996	F-TA-193: PH3		Good
MODEM I/O (2)   TT - 10223   Sailor   1996   F-TA-193. PH3	6		HF MODEM			Sailor	1996	F-TA-193: PH3		Good
ALAKIM U/O	2		MODEM I/O (2)			Sailor	1996	F-TA-193: PH3		Good
POWER SUPPLY   TT - 101122   Sailor   1996   F-TA-193: PH3	=		ALARM I/O	TT - 101242		Sailor	1996	F-TA-193: PH3		Good
DSC Operation Position Terminal / PC TT-3634A   Stalor   1996   F-TA-193; PH3	12		POWER SUPPLY	TT - 101122		Sailor	1996	F-TA-193: PH3		Good
DSC Operation Position Terminal / PC TT-3634A   Sailor   1996   F-TA-193; PH3	13		POWER INPUT	TT - 101241		Sailor	1996	F-TA-193: PH3		Good
Compaq Proline 466         \$144R05SBA044         Sailor         1996         F-TA-193: PH3           Compaq Monitor 140         TT-1608C         \$30AP3176811K         Sailor         1996         F-TA-193: PH3           Printer (H-122A)         TT-3602B         Sailor         1996         F-TA-193: PH3           Monitor Display         TT-1542B         Sailor         1996         F-TA-193: PH3           DSC Alarm         TT-1542B         Sailor         1996         F-TA-193: PH3           Audio/Digital Matrix         MTX-1616         131         Sailor         1996         F-TA-193: PH3           Keyer         KK-1         356         Sailor         1996         F-TA-193: PH3           Kodo/Digital Matrix         KK-1         356         Sailor         1996         F-TA-193: PH3           Keyer         KK-1         356         Sailor         1996         F-TA-193: PH3           Radio/Tel JF Unit         RTU-282         145         Sailor         1996         F-TA-193: PH3           ARQ Equipment         TT-1601 A         Sailor         1996         F-TA-193: PH3           ARQ Key Board         TT-1601 A         Sailor         1996         F-TA-193: PH3           Telex Alarm         TT-1542B	.2-6		DSC Operation Position Terminal / PC	TT-3634A						
Company Monitor 140			Compaq Proline 466		\$14AF055BA045	Sailor	1996	F-TA-193: PH3		Good
Printer (H-1252A)   TT-1608C   Sailor   1996   F-TA-193: PH3     DSC Alarm   TT-1542B   Sailor   1996   F-TA-193: PH3     Signal Control Panel   Audo/Digutal Matrix   KK-1   356   Sailor   1996   F-TA-193: PH3     Loudspeaker   H2054   Sailor   1996   F-TA-193: PH3     RadiorTel IF Unit   RTU - 282   145   Sailor   1996   F-TA-193: PH3     Radiotelex Modem   TT-1585E   Sailor   1996   F-TA-193: PH3     Radiotelex Modem   TT-1585E   Sailor   1996   F-TA-193: PH3     Radiotelex Modem   TT-1585E   Sailor   1996   F-TA-193: PH3     Radiotelex Modem   TT-1542B   Sailor   1996   F-TA-193: PH3     Receiver   NSB-1061   - 1   NT1   1982     All Band Receiver   FRG-8800   90310090   Yaesu   1983     All Band Receiver   FRG-8800   90310090   Yaesu   1983     Radiotelex Modem   TT-1542B   Sailor   1996   F-TA-193: PH3     Receiver   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800   HRG-8800			Compaq Monitor 140		59AP3176811K	Sailor	1996	F-TA-193: PH3		Good
Nonitor Display   TT-3602B   Sailor   1996   F-TA-193; PH3			Printer (H-1252A)	TT-1608C		Sailor	1996	F-TA-193: PH3		Good
DSC Alarm         TT-1542B         Sailor         1996         F-TA-193: PH3           Signal Control Panel         MTX-1616         131         Salor         1996         F-TA-193: PH3           Audio/Digital Matrix         KK-1         356         Sailor         1996         F-TA-193: PH3           Keyer         KK-1         356         Sailor         1996         F-TA-193: PH3           Telephone Repeater (Phone Patch)         RAdio/Tel I/F Unit         RTU - 282         145         Sailor         1996         F-TA-193: PH3           ARQ Equipment         TT-1601 A         Sailor         1996         F-TA-193: PH3           Receiver         All Band Receiver         All Band Receiver         All Band Receiver         All Band Receiver           All Band Receiver         FRG-8800         9D310090         Yaesu         1983	. <u>.</u>		Monitor Display	TT-3602B		Sailor	9661	F-TA-193: PH3		Good
Signal Control Panel         MTX-1616         131         Saulor         1996         F-TA-193; PH3           Audio/Digital Matrix         KK-1         356         Sailor         1996         F-TA-193; PH3           Keyer         H2054         Sailor         1996         F-TA-193; PH3           Loudspeaker         H2054         Sailor         1996         F-TA-193; PH3           Redio/Tel I/F Unit         RTU - 282         145         Sailor         1996         F-TA-193; PH3           ARQ Equipment         TT-1601 A         Sailor         1996         F-TA-193; PH3           Telephone Receiver         TT-1542B         Sailor         1996         F-TA-193; PH3           Receiver         All Band Receiver         NSB-1061         -         INT1         1982           All Band Receiver         FRG-8800         9D310090         Yaesu         1983			DSC Alarm	TT-1542B		Sailor	1996	F-TA-193: PH3		Good
Audo/Digutal Matrix         MTX-1616         131         Sailor         1996         F-TA-193: PH3           Keyer         Loudspeaker         H2054         356         Sailor         1996         F-TA-193: PH3           Telephone Repeater (Phone Patch)         Radio/Tel L/F Unit         RTU - 282         145         Sailor         1996         F-TA-193: PH3           ARQ Equipment         TT-1601 A         Sailor         1996         F-TA-193: PH3           Trick Alarm         TT-1542B         Sailor         1996         F-TA-193: PH3           Receiver         All Band Receiver         NSB-1061         -         INT1         1982           All Band Receiver         FRG-800         9D310090         Yaesu         1983         F-TA-193: PH3	-2-7		Signal Control Panel							
Keyer         KK-1         356         Sailor         1996         F-TA-193: PH3           Loudspeaker         H2054         Sailor         1996         F-TA-193: PH3           Telephone Repeater (Phone Patch)         RTU - 282         145         Sailor         1996         F-TA-193: PH3           ARQ Equipment         RTU - 282         145         Sailor         1996         F-TA-193: PH3           ARQ Equipment         TT-1585E         Sailor         1996         F-TA-193: PH3           ARQ Equipment         TT-1601 A         Sailor         1996         F-TA-193: PH3           ARQ Equipment         TT-1601 A         Sailor         1996         F-TA-193: PH3           Trelex Alarm         TT-1542B         Sailor         1996         F-TA-193: PH3           Receiver         All Band Receiver         NSB-1061         -         INTI         1996         F-TA-193 PH3           All Band Receiver         FRG-8800         9D310090         Yaesu         1983         F-TA-193 PH3			Audio/Digital Matrix	MTX-1616	131	Sailor	1996	F-TA-193: PH3		Good
Loudspeaker         H2054         Sailor         1996         F-TA-193 · PH3           Telephone Repeater (Phone Patch)         RTU - 282         145         Sailor         1996         F-TA-193 · PH3           ARQ Equipment         TT-1585E         Sailor         1996         F-TA-193 · PH3           ARQ Equipment         TT-1601 A         Sailor         1996         F-TA-193 · PH3           ARQ Key Board         TT-1601 A         Sailor         1996         F-TA-193 · PH3           Printer (H1252A)         TT1680C         58AP3168210K         Sailor         1996         F-TA-193 · PH3           Telex Alarm         TT-1542B         Sailor         1996         F-TA-193 · PH3           Receiver         All Band Receiver         NSB-1061         -         INT1         1982           All Band Receiver         FRG-8800         9D310090         Yaesu         1983			Keyer	KK-1	356	Sailor	9661	F-TA-193: PH3		Good
Telephone Repeater (Phone Patch)   RTU - 282   145   Sailor   1996   F-TA-193; PH3     ARQ Equipment			Loudspeaker	H2054		Sailor	1996	F-TA-193 PH3		Good
ARQ Equipment ARQ Equipment TT-1585E ARQ Key Board TT-1601 A Printer (H1252A) TT-1642B ARQ Key Brance Alarm TT-1542B ARCeciver All Band Receiver All Band Receiver FRG-8800 Pyaesu 1996 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193: PH3	-2-8	<u> </u>	Telephone Repeater (Phone Patch)							
ARQ Equipment  Radiotelex Modem			Radio/Tel I/F Unit	RTU - 282	145	Sailor	1996	F-TA-193: PH3		No Good
Radiotelex Modem   TT-1585E   Sailor   1996   F-TA-193, PH3     ARQ Key Board   TT-1601 A   Sailor   1996   F-TA-193; PH3     Printer (H1252A)   TT1680C   S8AP3168210K   Sailor   1996   F-TA-193; PH3     Telex Alarm   TT-1542B   Sailor   1996   F-TA-193 PH3     All Band Receiver   NSB-1061   - INT1   1982     All Band Receiver   FRG-8800   9D310090   Yaesu   1983	-2-9		ARQ Equipment							
ARQ Key Board TT-1601 A Printer (H1252A) TT1680C 58AP3168210K Sailor 1996 F-TA-193: PH3 Telex Alarm TT-1542B Sailor 1996 F-TA-193 PH3 Receiver NSB-1061 - INT1 1982 All Band Receiver FRG-8800 9D310090 Yaesu 1983			Radiotelex Modem	TT-1585E		Sailor	9661	F-TA-193. PH3		Good
Printer (H1252A) TT1680C   58AP3168210K   Sailor   1996   F-TA-193 PH3     Telex Alarm   TT-1542B   Sailor   1996   F-TA-193 PH3     Receiver   NSB-1061   - INT1   1982     All Band Receiver   FRG-8800   9D310090   Yaesu   1983			ARQ Key Board	TT-1601 A		Sailor	1996	F-TA-193: PH3		Good
Telex Alarm   TT-1542B   Sailor   1996   F-TA-193 PH3     Receiver   NSB-1061   -   INT1   1982     All Band Receiver   FRG-8800   9D310090   Yaesu   1983			Printer (H1252A)	TT1680C	58AP3168210K	Sailor	1996	F-TA-193: PH3		Good
Receiver   NSB-1061			Telex Alarm	TT-1542B		Sailor	1996	F-TA-193 PH3		Good
All Band Receiver NSB-1061 - INTI 1982   All Band Receiver FRG-8800 9D310090 Yaesu 1983	i,		Receiver							
All Band Receiver   FRG-8800   9D310090   Yaesu   1983	,		All Band Receiver	NSB-1061	•	ITNI	1982			No Good
	2	-	All Band Receiver	FRG-8800	9D310090	Yaesu	1983			Good

### Site Name: Lembar

1-4-2

1-4-1

4

### Condition Maintenance Record F-TA-193: PH3 F-TA-193; PH3 F-TA-193, PH3 F-TA-193: PH3 F-TA-193: PH3 F-TA-193. PH3 F-TA-193 PH3 F-TA-193 PH3 F-TA-193 PH3 F-TA-193: PH3 F-TA-193, PH3 F-TA-193; PH3 F-TA-193; PH3 F-TA-193, PH3 F-TA-193: PH3 F-TA-193 PH3 -TA-193 PH3 F-TA-193; PH3 F-TA-193; PH3 F-TA-193 PH3 Reference Date 9661 966 966 966 966 9661 966 9661 9661 966 966 966 1974 1981 1989 1989 Manufacturer Sailor Sailor Sailor Sailor Sailor Sailor Sailor Sailor Sailor Sailor Sailor Sailor Sailor Sailor Sailor Sailor Sailor Sailor Sailor FRC JRC JRC Serial No FWQ11317/1 N16302 510952 N42002 510932 510936 568 245 239 551 237190 237210 523689 523704 BH-16885 544 135 123 45226 521528 9-1241 A2080BE-H A2080BE-H A2080BE-H A2080BE-H HV-227YA Type \2080BE-H MTX-1616 RTU-280 PSD4AD RT 2048 RT 2048 FM-150 RH-16-1 RT 2048 RT 2048 RT2048 N163S PSF-1 N420 Terminal Equipment (DSC VHF / HF) RF Linear Power Amplifier RF Linear Power Amplifier RF Linear Power Amplifier RF Linear Power Amplifier VHF Transceiver Ch 20, 22, 26 Multichannel VHF Tranceiver VHF Transceiver (Multi Ch.) Description 50W VHF Tranceiver 50W VHF Tranceiver 50W VHF Tranceiver 50W VHF Tranceiver High Low I/F Unit (2) Audio/Digital Matrix VHF Radio Telephone RF Power Amplifier DC Power Supply AC Power Supply AC Power Supply Radio/Tel I/F Unit CH-70 VHF T/R Operation Console Telephone Repeater **Duplex Filter Duplex Filter** VHF Transceiver VHF System VHF T/R Duplexer Registered No. INVENTORY å

1-4-3

1-4-4

1-4-5

No Good

Good

Removed

Good Good Good

Registered No	Description	Tyne	Coriol No	M. 0. 1. 6. 0. 4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	45.6	n.c.	Maintenance	
<u> </u>	IIDC	1 y Jve		Manulacturer	Date	Kererence	Necord	Condition
	DC Power Supply	NBD-510	24893	JRC	,			No Good
	DC Power Supply	AS-3512						Good
	Stabilized DC Power Supply	SPB-10						Good
	Accumulator 12V/200AH (2)			Yuasa				No Good
	Accu Charger	M-850E		Instan	1983			No Good
	Accu Charger	SM-245	A-07	Delta	1974			No Good
	AVR 7 5 kVA, 3P, 4W	AVR 7P3	9503	PNT EL	1996			Good
	Engine Generator							
	Engine	TS-60	421193/42	Yanmar	1861			No Good
	Engine	TS-60	12766/0621	Yanmar	1983			No Good
	Generator 3kVA	YKG-3	0621	Yanmar	1981			No Good
	Generator 3kVA	YKG-3	4234	Yanmar	1983			No Good
	E/G System 10 kVA, 380V,3P, 4W	EG 10 RA	•	•	9661			Door or
	Engine	V-1505E	664668	KUBOTA	1996			- Pool (1)
	Generator	BC1-164-D	CO51684/5	Stanford	9661			
	E/G Panel	•	9507	•	9661			- Poog
	Moon wing Conjunction	,						
	Mark: Tange Equipment	60		7				,
	Winiti Lester	SP-15U	•	SANWA	466			Good
	Analog Oscilloscope	PM3065	DM639013	•	1996			Good
	- Piobe/Lead (x2)		7					
	- Power Cable (x1)		_					
	- Black Cover (x1)		_					
	- Operation Manual		_					
	Fluke 87 Multimeter	,	63920368	Fluke	9661			Good
	Fluke 87 Multimeter	,	63920365	Fluke	9661			Good
	Fluke 87 Multimeter		63920384	Fluke	1996			Good
	- Test Lead Set (x1)		m					Good
	- Hoester House Yellow (x1)		m					Good
	- User Manual (x2)		9	<del></del>				Good
	Insulation Tester	2406A	65WA1271	Yokogawa	9661			Good
	בחוות ו יסטי (מו)		-		1			Good

Registered No. Description Type - Earth Plobe (x1) - Carrying Case (x1) - Instruction Manual (x1) RF Coaxial Load Resistor - Connection Cable (2) - Connection Cable (2) - Connection Cable (2) - Connection Cable (2) - Connection Cable (2) - Connection Cable (3) - Connection Cable (4) - Connection Cable (5) - Connection Cable (5) - Connection Cable (6) - Connection Cable (7) - Connection Cable (7) - Restinguisher ABC - Services Engineers Kit - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Typewritter - Type	Serial No	Manufacturer Sanyo Diamond Maspion SUNON Junghans Yamato	Date 1996 1996 1994 1994	Reference	Record	Condition Good Good Good Good Good Good Good Go
bbe (x1)  Case (x1)  on Manual (x1)  al Load Resistor  al Load Resistor  tion Cable (2)  ter ABC  ter ABC  ter ABC  er  er  er  er  er  er  er  er  er  rophone		Sanyo Diamond Maspion SUNON Junghans	1996 1996 1994 1994			Good Good Good Good Good Good Good Good
on Manual (x1) al Load Resistor al Load Resistor ion Cable (2) trioner Kit Kit er ABC er ABC er er er er and some some some some some some some some		Sanyo Diamond Maspion SUNON Junghans Yamato	1996 1996 1994 -			Good Good Good Good Good Good Good Good
on Manual (x1) al Load Resistor al Load Resistor ion Cable (2) trioner Kit trioner Kit er ABC er er er er er er er er er er er er er		Sanyo Diamond Maspion SUNON Junghans	1996 1996 1994 1994			Good Good Good Good No Good No Good
al Load Resistor ion Cable (2) tioner Kit ter ABC ter ABC ter ABC er er er er singineers Kit e Wet with Call Timer rophone		Sanyo Diamond Maspion SUNON Junghans	1996 1994 1994			Good Good Good Good No Good No Good
ion Cable (2) tioner Kit her ABC ter ABC ter ABC er er er er singineers Kit s Wet with Call Timer rophone	62G5 -	Sanyo Diamond Maspion SUNON Junghans	1994			Good Good Good No Good No Good
tioner Kit ner ABC ner ABC er er er er singineers Kit cophone	62G5	Sanyo Diamond Maspion SUNON Junghans	1994			Good No Good Good Good No Good
tioner Kit ner ABC ner ABC ner ABC er er er er er er sugineers Kit er Wet with Call Timer rophone	62G5	Sanyo Diamond Maspion SUNON Junghans Yamato	1994			Good Good Good No Good
Kit  ter ABC  ter ABC  ter ABC  er  er  er  for ingineers Kit  wet with Call Timer  rophone		Diamond Maspion SUNON Junghans Yamato	1994			No Good Good Good No Good
ner ABC er ABC er er er for singineers Kit cophone		Maspion SUNON Junghans Yamato	•			Good Good No Good
ner ABC ner ABC er er er ser er singineers Kit er Wet with Call Timer rophone	۳. 	SUNON Junghans Yamato				Good No Good
uisher ABC uisher ABC uisher ABC rritter rritter rritter se Engineers Kit tone Wet with Call Timer et Microphone Key	1 1	Junghans Yamato	ı			No Good
her ABC her ABC her ABC ter ter ter Engineers Kit ne Wet with Call Timer crophone	*	Yamato	•			Evnirod
her ABC her ABC ter ter ter Engineers Kit ne Wet with Call Timer crophone			1984	•		rabilen
ter ter ter ter Engineers Kit ie Wet with Call Timer crophone	•	Yamato	1978		.,	Expired
ter ter Engineers Kit ne Wet with Call Timer crophone	•	Yamato	1978			Damaged
ter ter Engineers Kit ne Wet with Call Timer crophone	•	ADLER	1976			Repaired
ter Engineers Kit ne Wet with Call Timer crophone	,	BME	1975			No Good
Engineers Kit ne Wet with Call Timer crophone	•	Olympia	1986			No Good
ne Wet with Call Timer crophone	365 1	ı	9661			Good
crophone ey	- 2	•	9661			Good
Hand set Desk Microphone Morse Key	2	•	9661			Good
Desk Microphone Morse Key	9	•	1996			Good
Morse Key	- 2	Danmike	1996			Good
,	•	ı	9661			No Good
- Quartz Clock		Hanseatic	1996			Good
Service Engineer Kit		Proskit	9661			Good
- Wouse	_	Сотрас	9661			No Good
Instr. Manual Comp Compaq -		,	1996			Good
Chair .		ı	1996			Good

SITE NAME: LEMBAR

LBR-108-(1/11)

Item / Equipment	Engine/Generator 2 Sets / TS-60/YKG-3	KG-3	
Manufacturer	Yanmar		
Manufacturer in year	1981, 1983		
Defective panel / unit	1		
	Cause doe to:		Repairing to be:
	☑ Aging		☐ Immediacy
Details of Trouble Status	☐ Lightning	.; Q 30	☐ By next year budget
	□ Corrosion	Organicy of Nepall	☐ By next project
	☐ Lack of Spares		図 Unnecessary
	□ Others		
General Comment for Maintenance:	:97		
•			

SITE NAME: LEMBAR

LBR-108-(2/11)

Item / Equipment	Battery Charger 2 Units / Instant Type M850F. Delta Type SM-245	pe M850F. Delta Type SM-245	
Manufacturer	1		
Manufacturer in year	1983, 1974		
Defective panel / unit			
	Cause doe to:		Repairing to be:
	☑ Aging		□ Immediacy
Details of Trouble Status	☐ Lightning	I ferroment of Domesia	☐ By next year budget
Details of 110ubic Status	☑ Corrosion	Organicy of repair	☐ By next project
	☐ Lack of Spares		区 Unnecessary
	□ Others		
General Comment for Maintenance:			
	I		

SITE NAME: LEMBAR

LBR-108-(3/11)

Item / Equipment	Receiver MF/HF Console System-II / Re-2100	1/Re-2100	
Manufacturer	Sailor		
Manufacturer in year	9661		
Defective panel / unit	•		
	Cause doe to:		Repairing to be:
	☐ Aging		☑ Immediacy
Details of Traible Status	☐ Lightning	11	☐ By next year budget
Details of 1104015 Status	□ Corrosion	Orgency of Kepair	☐ By next project
	☐ Lack of Spares		□ Unnecessary
	☑ Others		
General Comment for Maintenance:	541		
Since it has been repaired up to this	Since it has been repaired up to this time, the receiver is not so sensitive, and that is the only one functioned Receiver MF/HF Console	, and that is the only one functioned F	Receiver MF/HF Console
•			

SITE NAME: LEMBAR

LBR-108-(4/11)

Item / Equipment	SSB Transceiver MF/HF / NSB 1051		
Manufacturer	Inti		
Manufacturer in year	1982		
Defective panel / unit	1		
	Cause doe to:		Repairing to be:
	☑ Aging		☐ Immediacy
Details of Trouble Status	☐ Lightning	I known of Domain	図 By next year budget
	□ Corrosion	orgency of Nepall	☐ By next project
	☐ Lack of Spares		☐ Unnecessary
	□ Others		
General Comment for Maintenance	24		
For spare on the Marine Mobile Frequency	quency		

SITE NAME: LEMBAR

区 By next year budget ☐ By next project ☐ Unnecessary Repairing to be: ☐ Immediacy Urgency of Repair SSB Transceiver MF/HF / JSB-50 ☐ Lack of Spares □ Corrosion ☐ Lightning Cause doe to: □ Others ☑ Aging For spare on the Marine Mobile Frequency 1981 INT General Comment for Maintenance: Details of Trouble Status Defective panel / unit Manufacturer in year Item / Equipment Manufacturer

LBR-108-(5/11)

SITE NAME: LEMBAR

LBR-108-(6/11)

Item / Equipment	Transmitter / 13A/9/12		
Manufacturer	TSC		
Manufacturer in year	1942		
Defective panel / unit	4		
	Cause doe to:		Repairing to be:
	✓ Aging		☐ Immediacy
Details of Trouble Status	☐ Lightning	1 Europe of Domeiu	☐ By next year budget
	☑ Corrosion	Ulgency of repair	☐ By next project
	☐ Lack of Spares		☑ Unnecessary
	□ Others		
General Comment for Maintenance:	iii		

SITE NAME: LEMBAR

LBR-108-(7/11)

Item / Equipment	MF Transmitter / NSD-1085		
Manufacturer	JRC		
Manufacturer in year	1968		
Defective panel / unit	·		
	Cause doe to:		Repairing to be:
	☑ Aging		□ Immediacy
Details of Trouble Status	☐ Lightning	I lettonout of Donois	☐ By next year budget
	☑ Corrosion	organcy of Nepall	☐ By next project
	☐ Lack of Spares		☑ Unnecessary
	□ Others		
General Comment for Maintenance:	231		

SITE NAME: LEMBAR

LBR-108-(8/11)

Item / Equipment	Antenna Distributor / AAD10/A-J1-6G	99-	
Manufacturer	1		
Manufacturer in year	9661		
Defective panel / unit	t		
	Cause doe to:		Repairing to be:
	☐ Aging		☐ Immediacy
Details of Trauble Status	☐ Lightning	Tanger of Day	区 By next year budget
	□ Corrosion	Organicy of Nepall	☐ By next project
	☐ Lack of Spares		☐ Unnecessary
	□ Others		
General Comment for Maintenance:	ül		

SITE NAME: LEMBAR

LBR-108-(9/11)

Item / Equipment	TX/RX MF/HF Console System I / -	1	
Manufacturer	Sailor		
Manufacturer in year	1996		
Defective panel / unit	•		
	Cause doe to:		Repairing to be:
	□ Aging		☐ Immediacy
Dataile of Trankla Status	区 Lightning	11	区 By next year budget
Defails of House Status	□ Corrosion	orgency of Repair	☐ By next project
	☐ Lack of Spares		☐ Unnecessary
	□ Others		
General Comment for Maintenance:	:4		
On 1997 TX/RX System-I damaged	On 1997 TX/RX System-I damaged by lightening, up to this time it has not been repaired and not under guaranteed of the Contractor any more.	not been repaired and not under guar	anteed of the Contractor any more.

SITE NAME: LEMBAR

LBR-108-(10/11)

To be repaired immediately, in order that Lembar Coast Station can make the communication by using VHF telephone call, because without the above telephone unit we can not do anything for the using of un-registered Radio VHF between ship and Agent. By next year budget By next project ☐ Unnecessary Repairing to be: Immediacy Urgency of Repair Radio Telephone Interface Unit / RTU-280 ☐ Lack of Spares 区 Lightning Corrosion Cause doe to: Others ☐ Aging 1996 JPS General Comment for Maintenance: Details of Trouble Status Defective panel / unit Manufacturer in year Item / Equipment Manufacturer

SITE NAME: LEMBAR

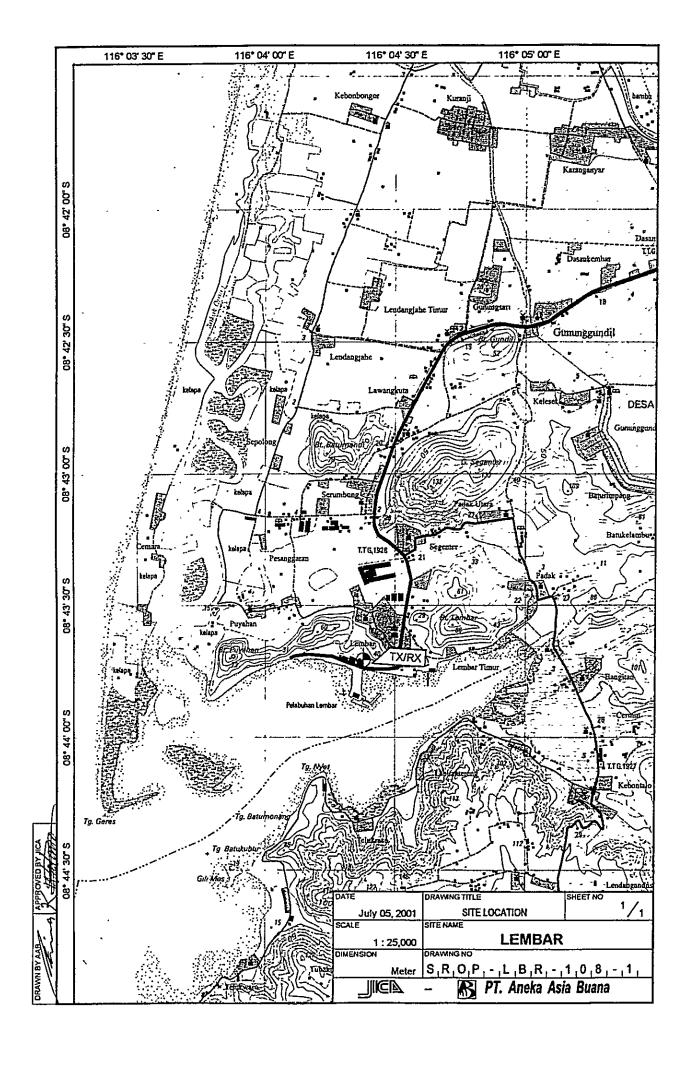
LBR-108-(11/11) □ By next year budget By next project ☐ Unnecessary Repairing to be: ☑ Immediacy Urgency of Repair Suggested, it must be repaired totally and the spare part can be functioned. All HF Transceiver / JSB-161 ☐ Lack of Spares ☐ Lightning □ Corrosion Cause doe to: 区 Others ☐ Aging 1989 JŖĊ General Comment for Maintenance: Details of Trouble Status Defective panel / unit Manufacturer in year Item / Equipment Manufacturer

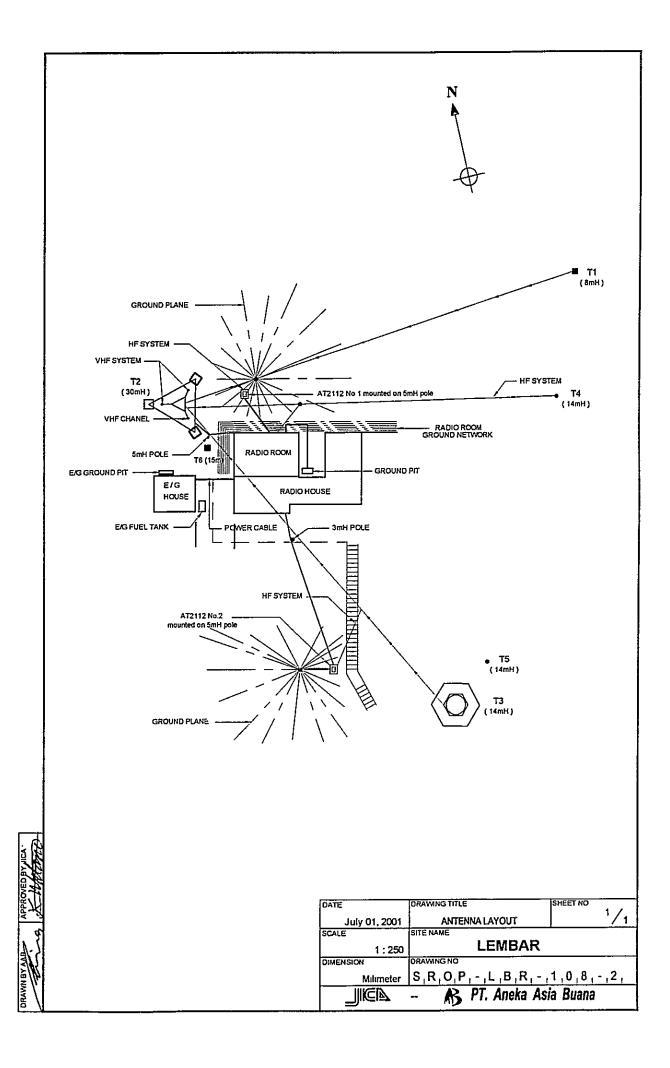
### **OPERATION SCHEDULE**

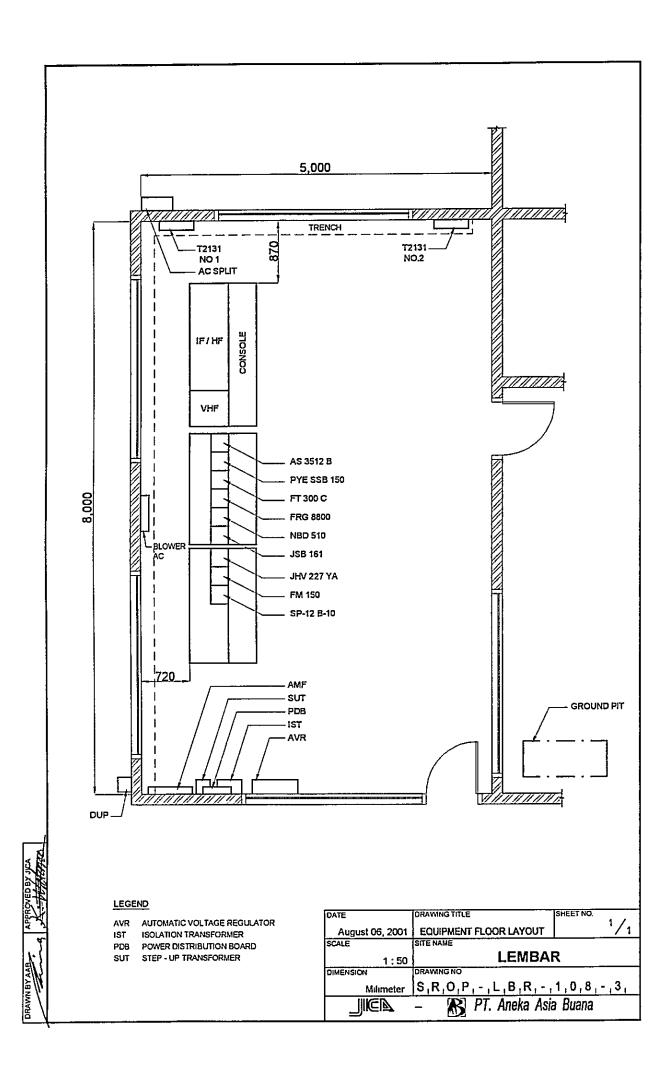
Site Name: Lembar

### (FREQUENCIES) Call Sign: Mobile Service: PKD.3 Fix Service:

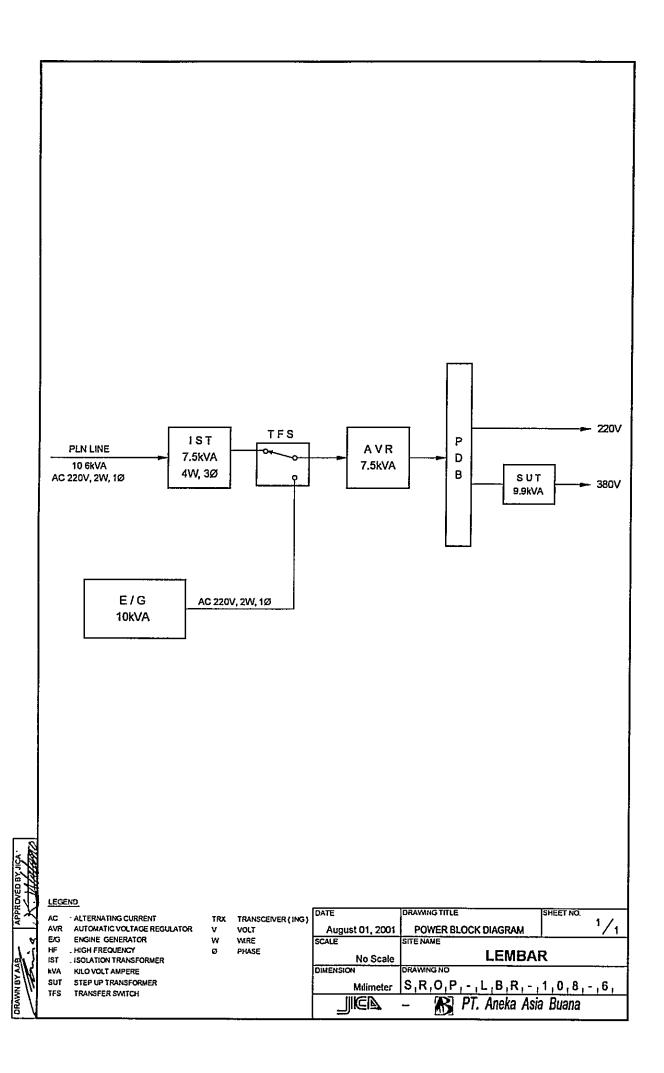
	באשרטם שבי	0.00	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	C L
			280	210
	(או וב)		(44)	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 REMARKA
	Mobile Service			
-	438,0	A1A	25	
8	500,0	A1A	25	
က	2 174,5	F1B	22	
4	2 177,0	F18	20	
ູນ	2 189,5	윤	20	
်ဖ	2 187,5	F18	909	
7	6.329,0	F1B	50	
æ	6 283,0	F18	8	
	,	F1B	50	
5	6 312,0		22	
Ξ	8 431,0	F18	50	
12	8 391,0	F18	20	
<u>5</u>		J3E	100	
<u> </u>	2 690,0	J3E	100	
15	2 090,0	J3E	100	
5	6215,0	355	6	
17	6 504,0	- 3E	100	
•				
	VHF Service	,		
9	156,525	G2B	20	
19	156,800	38	20	
20	156,600	E	20	
21	156,650	- 3E	20	
22	156,700		20	
	1	1		
<u>.</u>	Fix Service			
8	5310,0	35	100	
Opsct	Opschedule-Lembar			











### Maritime Telecommunication Facilities: Inventory, Plant Records and Outlook-2001

4th-A Class Coast Station
Padang Bai
(Coast Station No. 109)

### **Table of Content**

- ☑ Summary of Coast Station
- ✓ Inventory
- ☑ Status of Trouble
- ☑ Operation Schedule (Frequencies)

### TRX Drawings:

- ☑ Site Location
- ☑ Antenna Layout
- ☑ Equipment Floor Layout
- ☑ E/G Floor Layout
- ☑ System Block Diagram
- ✓ Power Block Diagram

### Note:

- ☑ Available in this list
- ☑ Not Available in this list
- ☐ Unnecessary in this list
- \* Combined in one drawing

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMAR	V OF COA	CT C	T A	TIO	NT			SIT	Ē	PA	DANG	BAI		
SUMMAR	I OF COA	721 2	I A	110	<u> </u>			CLA	SS		4th-A	NC	),	109
1. LOCATION	4													
Station	Address		<u> </u>	Te	l.		Fax		I	ongit			Lati	
TX/RX Jl. Pelabuh	an Padang Bai		<u> </u>						115°	30'	28" E	08	31	′ 58″ S
L	<del></del>								·					
2. GENERAL	CONDITION	S		***										
Moving	from Jakarta	S	ite A	ccess fro	m Port	F	Road T	raffic	c	Acc	mmoda	tion	Pop	ulation
By Air to Denpas	ar [Taking time	1 30 hr.]	Hig	hway	<del></del>	□не	eavy			☑ Ho	otel		•	
By Car to Locatio	n [Taking tume	<u>3 00</u> hr ] [☑				Ø M	edium			□м	otel			
			Unp	oaved ro	ad	□ Li	ght				-			
							опе							
	3. CONDI	TIONS	OF	STAT	ľON						Refer	to att	ached	i drawing
3.1 Site Condit														
Topography		ature of S	Soil			Past	disaster	of si	te	Con	firmatio	n of e	ristin	z system
☐ Flat	☐ Dry soil			nestone		Floo				Yes	No			, 0, 0, 0, 0, 1, 1
☐ Slope	□ Ordinary			avel			d Tide			Ø	□ Аг	tenna		
☐ Hill-top	□ Swampy			cky			Leakag	2e		Ø		wers		ts)
□ Basin	□ Clay	$\overline{\mathbf{Q}}$	Sto	~			und Sub		nce	☑		oundi		
□ Valley	□ Sandy			,						Ø		htnin		
Altitude		0.00 M		· · · · · · · · · · · · · · · · · · ·		Tele	phone	Line	s	$\square$		der (		
Land area		000 m²						ines				y wat		
	ng Conditions	1					3.3 Po		Soi	irce		,		
	tructions			PLN	Source		E/-		500		isting P	nwer	Conc	litions
Num. of story	One	Vol	tage		220 V	-		220 \	7	Good		OWCI	Conc	11110113
Structure	Concrete	Pha			1				1	Ø	□ Pov	ver Si	ınniv	System
Type of roof	Asbestos	Wir							2	<u> </u>		ratio		
Type of ceiling	Asbestos	kV.			22	$\dashv$			4		□ Ope			
Type of wall	Brick			Ouali	ty of I	LN s	ource		<u> </u>		pacity o			
Wall finish	Painting	Fluc	tuati				/ ± %			Day ta		71 100		Liter
Flooring	Tile			ity of po	wer ne			4 H		Main				k Liter
	Area (m²)			terruptio				2 Ti			E/G Sta	nd-b	v Svs	
Operation room	18 00			erpt. hou			<del></del>	4 H			Single			
E/G room	25.00			erpt, hou			<del></del>	6 H	_	Ø	Dual S			
Remark	One E/G damage											,		
4. OP	ERATION A	ND MA	INT	ENAN	CE		5.	PE	RSC	ONN	EL FO	ORM	IAT	IONS
	Actions taken in	equipme	nt fa	ilure								/RX	T	
Restoration flow	Send to Benoa	technicia	n				Chi	ief				1		
Examples of major failu	Power Supply	damaged	-				Ор	erato	r (sk	illed)	1	4 (4)		0_
Sufficiency of spares	Battery						Tec	chnic	ian (s	skilled	)	0		0
Record	is of damages		Envi	ronmen	tal Co	nditio	ons Ad	minis	trate	ſ				
☐ Heavy rainfall		C	Good	Bad										
☐ Storm			Ø	☐ Ext	ernal n	oises	То	tal				5		
☐ Lightning			<b>1</b>	□ Air	polluti	on								
Other calamity														
	Institutional and	Human	Stat	uses						Trai	ning Re	cord		
1 Budget		icient 🗆						ourse	<u>:                                    </u>	Class			eriod	Trainee
2 Spares	☑ Enc	սշհ 🗀	Rea	sonable	□ No	t enor	roh Oru			Oni	Surab	aval		4

☐ Reasonable ☐ Not enough

□ Reasonable □ Not enough
□ Reasonable □ Not enough
□ Not so bad □ Not capable
□ Not so bad □ Not capable

3 Measuring eqpt /tools

4 Number of Operator
5 Number of Technician
6 Capability of Operator
7 Capability of Technician

☐ Enough

☑ Enough
☐ Enough
☑ Skilled
☐ Skilled

								CLASS			NO.	109
<u> </u>		6. STA	<u> TISTIC</u>	CAL CO	<u>MMU</u>	NICA.	TON T	<u>RAFF</u>	IC DAT	A		
	Mai	ritime Sa	fety		1	Pu	blic Tel	ecomn	nunicat	ion Se	rvice	
Years	TG	TEL	DSC	NBDP	Years	Tele	phone	TG Call	Years	Tele	phone	TG Call
						Call	Minute			Cali	Minute	
1996					1991				1996		1	
1997					1992				1997			
1998					1993		•		1998			
1999					1994				1999			
2000					1995			·	2000			Ÿ
	<u> </u>		<u> </u>	7.	COM	MEN'	TS					
ıggestion		Frequency (	ised by Shi	os/Mobile s	ervice						· · · · · · · · · · · · · · · · · · ·	

N <sub>O</sub>	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
		Radio Equipment							
- 1	•	Transmitter SSB Transceiver	FT-300	CU-8504006	Vaesu	1985			Poor
- 2		SSB Transceiver	FS-1000	5590-1451	Furuno	1985			Boog
۳,	-	SSB Transceiver	IC-M700	NS 20321	ICOM	1998			Good
7-1		VIII System VHF Transcoiver CH 12.14-16.	FN4_400	245375	- Limbo	1080			Cood
		20-22	OOF IN I	240373		200			3000
7		VHF Transceiver	IC-M126	06782	ICOM	8661			Good
7		Tower & Antenna System							
2-1		Tower & Mast	-						
***		Antenna Tower	Galvanis Pape			1994			Good
7		Antenna Pole	Galvanis Pipe			1999			Good
2-2		Antenna System							
_		Open Dipole Antenna				1985			Good
က		Power Supply Equipment							
3-1		UPS & AVR	, , , , , , , , , , , , , , , , , , ,		;				
- ·		Power Supply	RE-2000	183027	Vedio	1985			Good
7		Power Supply	GSS-3000	Z/S_	Diamond	8661			Good
m ·		Power Supply	EP 4010		IC	1988			Damaged
4		Battery Charger		309432	Delta	1998			Good
2		Accumulator			SS	1996			
3-2		Engine Generator	;						
⊷ (		Generator 3kVA	TS-60	0444483	Yanmar	1985		•	Damaged
7		Generator	TS-3	61199	Kubota	1998			Good
4 -		Measuring Equipment							-
S)		Others							
		AC Split	MS-18 NV	7000780	Mitsubishi	1998			Cood
								-	

# STATUS OF TROUBLES

SITE NAME: PADANG BAI

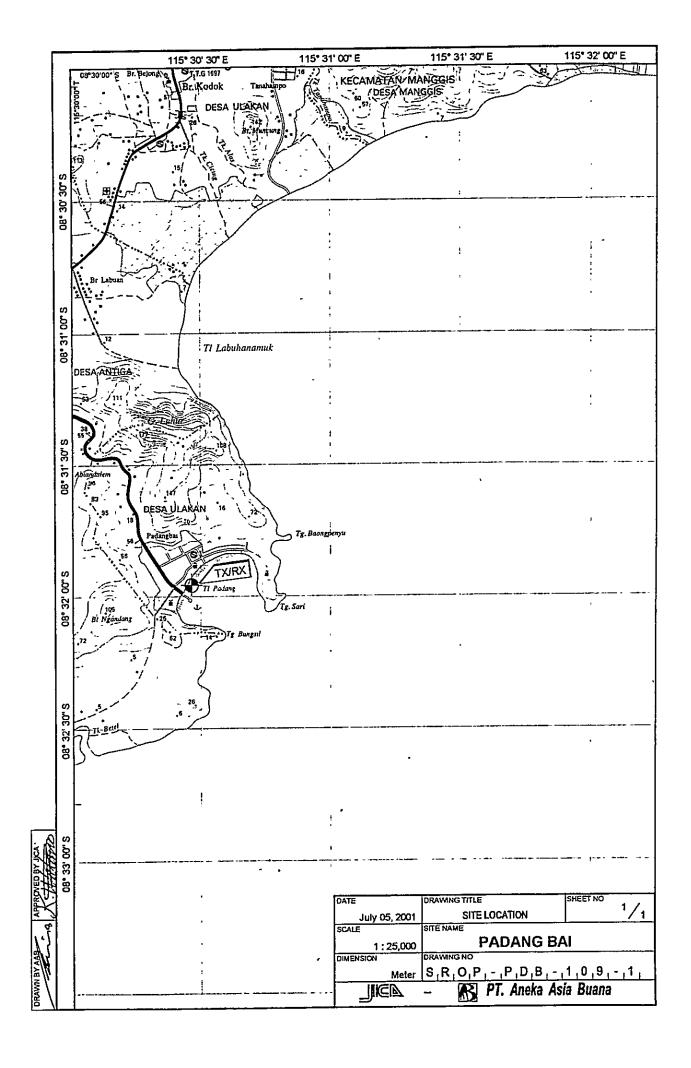
PDB-109-(1/1)

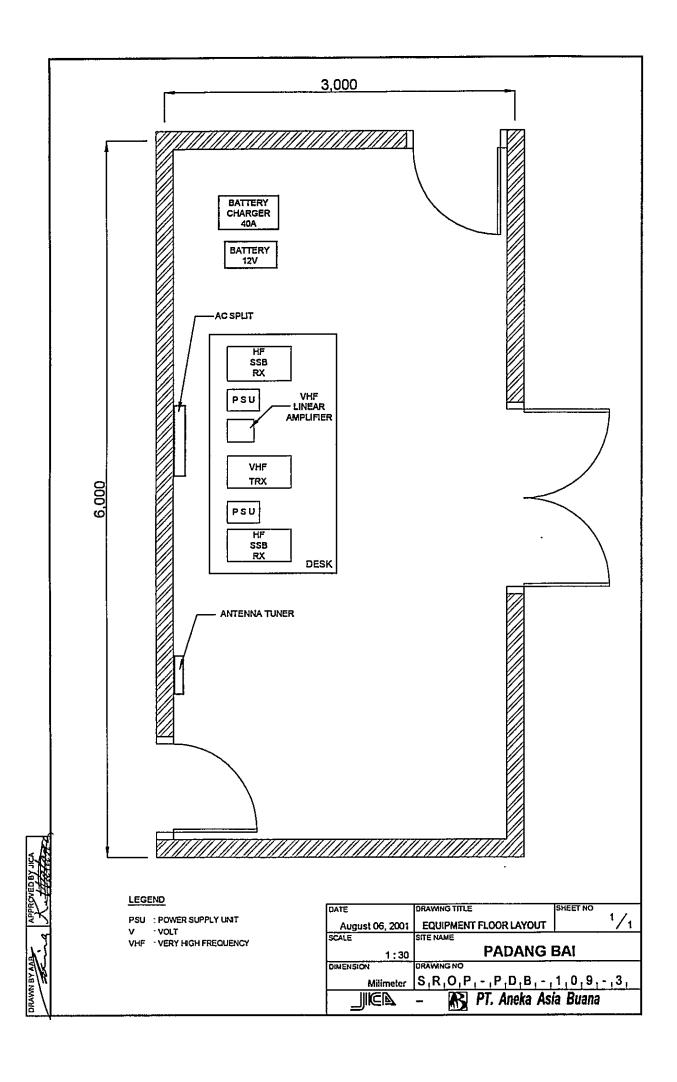
Item / Equipment	Power Supply / -		
Manufacturer	C		
Manufacturer in year	1988		
Defective panel / unit	Can no functioned		
	Cause doe to:		Repairing to be:
	区 Aging		□ Immediacy
Details of Trauble Status	☐ Lightning	Through of Donoise	☐ By next year budget
	□ Corrosion	Organicy of trepain	☐ By next project
	□ Lack of Spares		☐ Unnecessary
	□ Others		
General Comment for Maintenance:	24		
Work does not good and un - normal	· le		
All of Radio are placed on the special radio table	ial radio table		

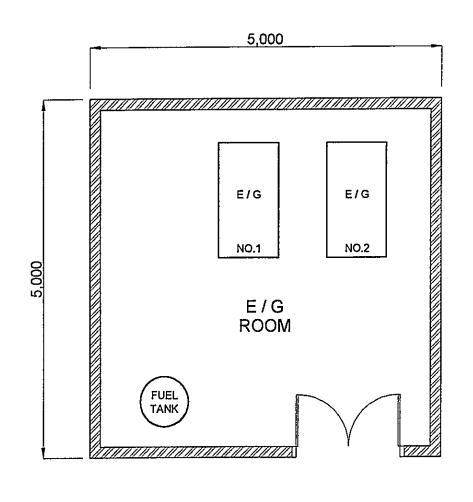
# OPERATION SCHEDULE (FREQUENCIES) Call Sign: Mobile Service: PKD.61 Fix Service:

Site Name: Padang Bai

	FREQUENCY (kHz) E	EMISSION	POWER (W)	UTC	REMARK
	<i>(</i>		,	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	, i
Ė	Mobile Service				
τ-	2 182,0	, J3E	100		
22	6 215,0	J3E	100		
_	,	1			
	VHF Service	,			
ო	Channel-16	G3E	25		
	-				
_	Fix Service	J			
4	5 316,0	J3E	100	-	
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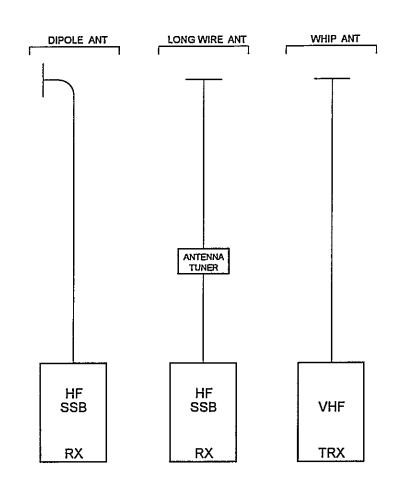






E/G : ENGINE GENERATOR

DATE	DRAWING TITLE	SHEET NO
August 06, 2001	E/G FLOOR LAYOUT	1/1
SCALE	SITE NAME	
1:50	PADANG I	BAI
DIMENSION	DRAWING NO	
Milimeter	S,R,O,P,-,P,D,B,-,	1,0,9,-,4,
	– 🚯 PT. Aneka Asia	a Buana

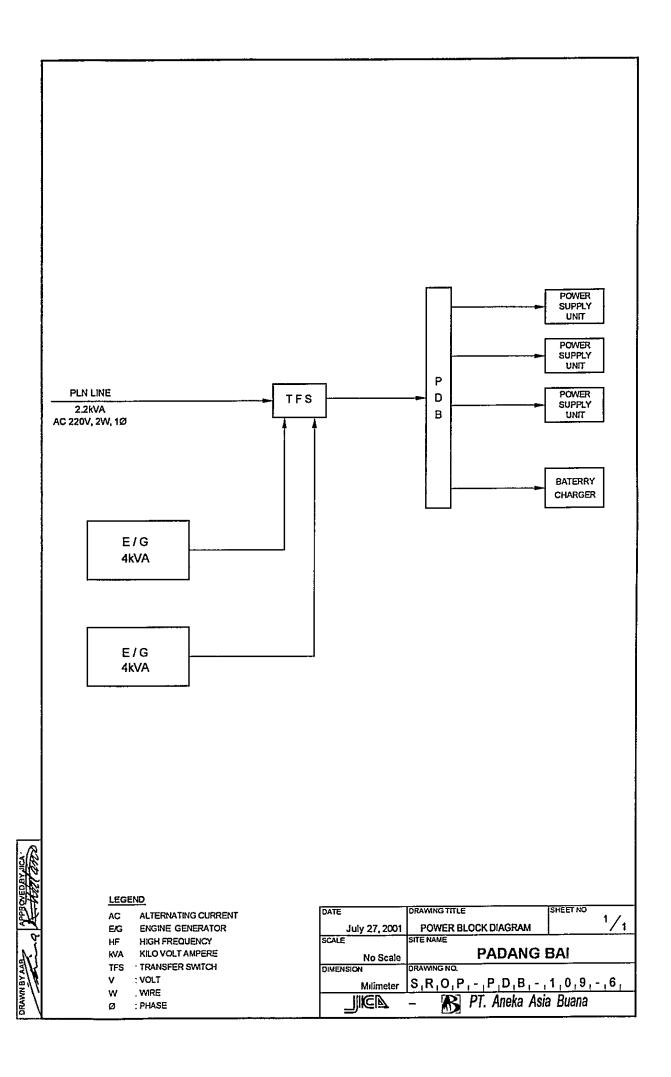


ANT · ANTENNA

HF : HIGH FREQUENCY
TRX : TRANSCEIVER (ING)
VHF : VERY HIGH FREQUENCY

DATE	DRAWING TITLE	SHEET NO.
July 27, 2001	SYSTEM BLOCK DIAGRAM	1/1
SCALE	SITE NAME	
No Scale	PADANG I	BAI
DIMENSION	DRAWING NO	
Mılimeter	S,R,O,P,-,P,D,B,-,	1,0,9,-,5,
	– 🔊 PT. Aneka Asia	a Buana

DRAWN BY AAD APPROVED BY JICA



### Maritime Telecommunication Facilities: Inventory, Plant Records and Outlook-2001

4th-A Class Coast Station Celukan Bawang (Coast Station No. 110)

### **Table of Content**

- ✓ Summary of Coast Station
- ☑ Inventory
- ☑ Status of Trouble
- ☑ Operation Schedule (Frequencies)
- TRX Drawings:
- ☑ Site Location
- ☑ Antenna Layout
- ☑ Equipment Floor Layout
- ☑ E/G Floor Layout
- ☑ System Block Diagram
- ☑ Power Block Diagram

### Note:

- ☑ Available in this list
- Not Available in this list
- ☐ Unnecessary in this list
- \* Combined in one drawing

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

							SIT	F	CELU	KAN	RAU	VAN	G
SUMMARY	Y OF COAS	T STA	$\mathbf{AT}$	ION			CLA		4th		NO.		110
1. LOCATION	<u></u>				<u> </u>		102.		1 1412		<u> </u>		
Station	Address			Tel.		]	Fax	L	ongitud	ie	]	Latit	ude
TX/RX Jl. Pelabuha								114°		9" E	08°	11'	23" S
CENEDAL	CONDITIONS					•				•			
2. GENERAL		16:4-	4	s from P		Dee	d Traffi	_ 1	Accom	modeti	an l	Dan	ulation
	from Jakarta								Hotel		011	rop	ulation
By Air to Denpase		hr.] □ H hr.] ☑ Pa	_	ıy		Heavy Mediı		$\rightarrow$	☐ Mote		-		<del></del> -
By Car to Location	Taking time: 3.00	_					1111		- iviote	1	+		
		יט בון	npave	d road		Light None						—	
1:						None		<u></u>	<del></del>		<u> </u>	_	
	3. CONDITION	ONS O	F S7	<b>FATIC</b>	<u>N</u>				F	Refer to	o atta	ched	drawing
3.1 Site Conditi	ons												
Topography	Natu	re of Soil			Pa	st disa	ster of si	te	Confirm	nation	of ex	sting	system
☑ Flat	☐ Dry soil		imest	one	☐ Flo	boo			Yes N	0			
□ Slope	☐ Ordinary		ravel			ood T	ide	[	Ø C	Ant	enna		
☐ Hill-top	☐ Swampy	□ R	.ocky		□ Ra	ain Le	akage	ſ	<u>a</u> c	Tov	vers (	Mast	is)
□ Basin	☐ Clay		-		☑ Gı	round	Subside	nce [		) Gro	undin	g sy	stem
□ Valley	☑ Sandy									l Ligh	ntning	syst	em
Altitude		M			Te	elepho	one Line	s		Feed	der Ca	able	Way
Land area	1,454	m²					Lines		Ø □	City	wate	<u>г</u>	
	g Conditions				1	3.3	Power	Sou	rce				
	tructions	<del> </del>	1 12	LN Sou	irce		E/G	<u> </u>		ng Po	wer (	ີດກເ	litions
Num. of story	One	Voltag		220			220	v	Good Bac			,,,,,,	
Structure	Concrete	Phase	+		1			1	Ø	Powe	er Sur	ากไข	System
Type of roof	Asbestos	Wire	+		2			2		Oper			
Type of ceiling	Asbestos	kVA	+		2.2			3		Oper			
Type of ceiling  Type of wall	Brick			uality o		COUR		-					engine
Wall finish	Mortar	Fluctua		<del></del> _		V ±			Day tank		Iuci		Liter
	Tile	· · · · · · · · · · · · · · · · · · ·		of power			100.00		Main tan				k Liter
Flooring				uption /		ду		mes		S Stan	d-hv		
	Area (m²)					$\dashv$		ours		ingle S			<u>.cm</u>
Operation room	30.00			, hours <i>i</i> , hours a			10 H	$\overline{}$		ual Sy		.1	
E/Groom	6.00		цегрі	. nours a	it once		10 11	ouis	<u> </u>	ruai Sy	Stem		
Remark	One power supply da	maged											
	: 												
					_	<u>.</u>	<del></del>						
	ERATION AND				<u> </u>		5. PE	KS(	DNNE			<u>All</u>	IONS_
	Actions taken in equ			<u>'e</u>						TX	/RX	—	
Restoration flow	Reported and repa						Chief			<u> </u>	<u> 1</u>	<del> </del>	
Examples of major failur	Radio UHF dama	ged/Can n	ot tra	insmit			Operate				2()	<del> </del>	<u> </u>
Sufficiency of spares							Technic				()_	┼	()
	s of damages			mental	Condi	tions	Admini	strato	r			┼	
☐ Heavy rainfall			i Bad									ـــــــ	
□ Storm		Ø	ᅵᄆ	Extern		es	Tota	<u> </u>			3	—	
☐ Lightning		<u> </u>		Air pol	lution							<del> </del>	
☑ Other calamity I			<u></u>									<u> </u>	
<del></del>	Institutional and H						_		Trainir				
1 Budget	☐ Sufficie			able 🗹			Cours	e	Class	Locati	on Pe	riod	Trainee
2 Spares	☐ Enough			able 🗹						_			
3 Measuring eqpt./				able 🗆			<del></del>			1			
4 Number of Oper				able 🗆			<del>}</del>			! !	-		
5 Number of Tech				able 🗵							1		
6 Capability of Op				bad   □				-					
7 Capability of Tec	hnician   Skilled	_ Į∐ No	ot so l	bad  □	Not ca	pable	l					]	

SUMIN	I A DV	OFC	OAST	' CTLA	rion.	1		SITE	CEL	UKAN	BAWANG	3
2014IIA	LAN I	Or C	UASI	. SIA	LION			CLASS	41	h-A	NO.	110
		6. STA	TISTIC	CAL CO	MMU	NICA'	TION T	RAFF	C DA	ΓĀ		
	Ma	ritime Sa	fety			Pu	blic Te	lecomn	nunicat	ion Se	rvice	
Years	TG	TEL	DSC	NBDP	Years	Tele	phone	TG Call	Years	Tele	phone	TG Call
					[	Call	Minute			Call	Minute	_
1996					1991			1	1996			26
1997					1992			4	1997			49
1998			ļ		1993			15	1998			60
1999					1994			18	1999			90
2000					1995			33	2000			92
	•			7.	COM	MEN'	TS				. •	<del></del>
Suggestion		of incoming s ase the infor							e Call sys	tem		
Remarks		<u></u>					·					

Condition	Damaged Good Good	Good	Damaged	Good Good Good	poog Good	Good Good Good Good
	Da		Da			
Maintenance Record						all de la grande de la grande de la grande de la grande de la grande de la grande de la grande de la grande de
Reference						
Date	1979 1989 1991 1992	1983	1989	1980 1983 1991	6861 1661 0861	1661 6861 6861
Manufacturer	PT.INTI Furuno ICOM ICOM	Yaesu	Furuno		INTI Furuno ICOM Furuno	Mirusa Vedio Bell Asahi
Serial No	026-30 5590-2572 4465 3489	IG-080524	247642			
Type	NTD-177Z FS-1000 IC-M700 IC-M700	FRG-7700	FM-400H			MG-700 RE-2000 BL-1040A
Description	Radio Equipment Transmitter SSB Transceiver SSB Transceiver SSB Transceiver	<b>Receiver</b> Receiver	VHF System VHF Transceiver	Tower & Antenna System Tower & Mast 20mH Antenna Tower (x2) 18mH Pipe Tower (x1) 20mH Pipe Tower (x2)	Antenna System Dipole Antenna Dipole Antenna Longwayer Antenna VHF Gazden Antenna	Power Supply Equipment UPS & AVR System Power Supply Power Supply Power Supply Battery Charger
Registered No.						
No	1 1-1 2 3 3	1-2	1-3	2-1 2-1 2 3	2-2 1 2 3 4	6.6 1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0 1-0

INVENTORY

								Maintenance	
Registered No.	ed No.	Description	Type	Serial No	Serial No   Manufacturer   Date	Date	Reference	Record	Condition
		Engine Generator Engine Generator (3kVA) Engine Generator (3kVA)							Good
		Measuring Equipment AVO Meter	SP-10D		Sanwa	1979			
		Others			-				<del></del>
		Operator Desk (2)				1984			
		Chief Coastal Desk (1)				1984			
		Type Macine Desk (1)				1985			
		Chair (7)				1983			
		Filling Cabinet (2)				1979			
		Wooden Rack (2)				1983			
		Cupboard (2)				1981			
		Clock			Jetco	1977			-
		Fan Hoover				1980			
		Red Suzuki Motorcycle	A-100		Suzuki	1980			

# STATUS OF TROUBLES

SITE NAME: CELUKAN BAWANG

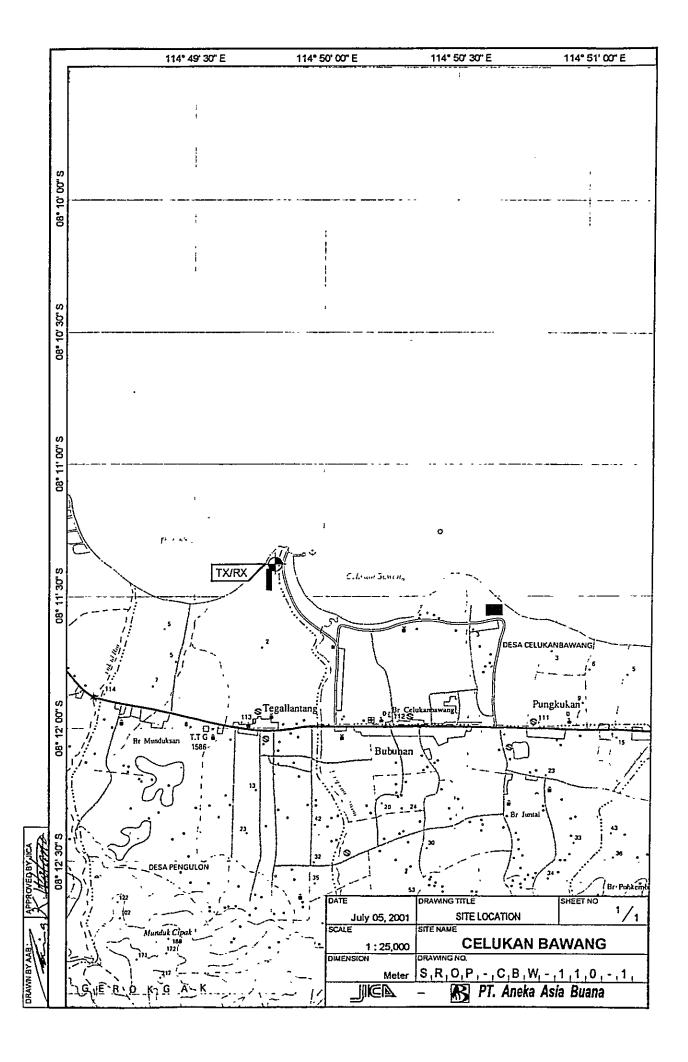
CBW-110-(1/1)

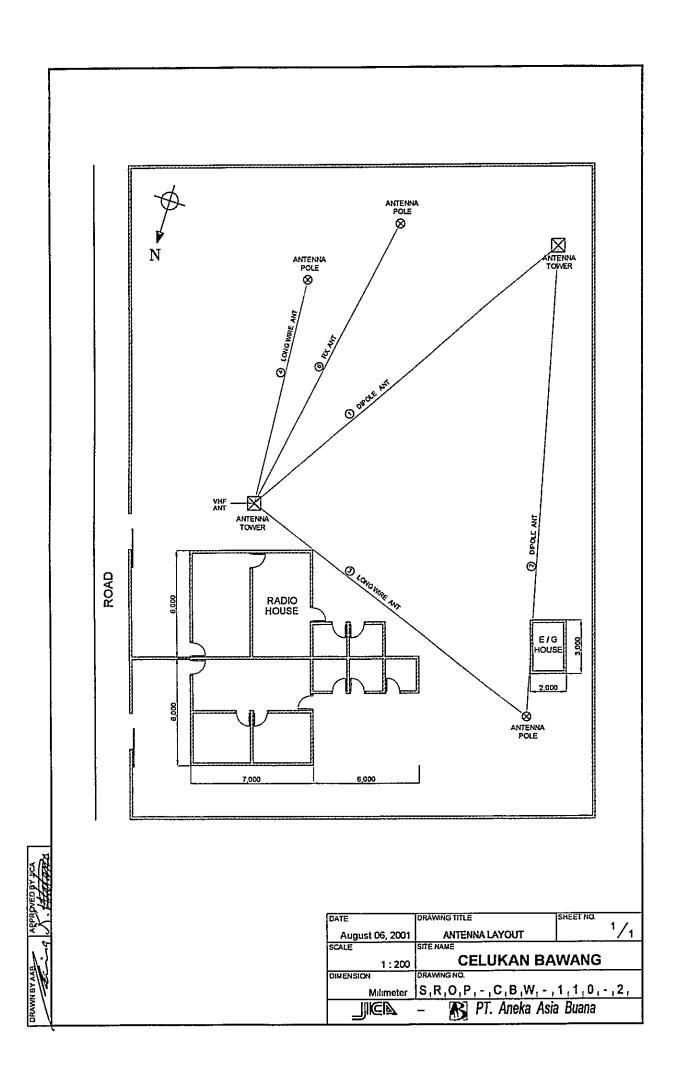
Item / Equipment	VHF Transceiver, Power Supply / -		
Manufacturer	Furuno		
Manufacturer in year	1989		
Defective panel / unit	Totally damage, Voltage can not decrease	ecrease	
	Cause doe to:		Repairing to be:
	☑ Aging		区 Immediacy
Details of Trankla Status	☐ Lightning		☐ By next year budget
Cetalis of 110uole Status	区 Corrosion	Ugency of repair	☐ By next project
	区 Lack of Spares		☐ Unnecessary
	□ Others		
General Comment for Maintenance:	21		
Process for Repairing is too long time	me		
Availability of stationery is not be attention	attention		

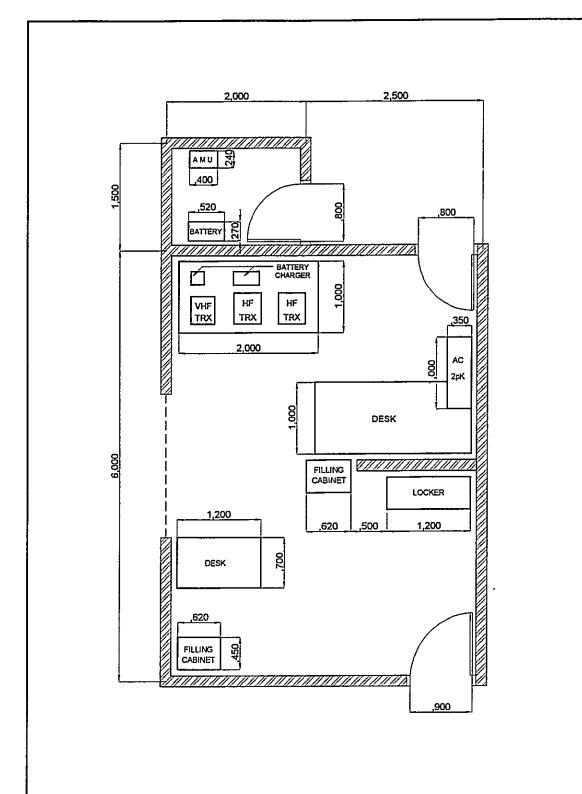
### OPERATION SCHEDULE (FREQUENCIES) Call Sign: Mobile Service PKD 30 Fix Service

Site Name: Celukan Bawang

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	REMARK																									
	וצ																									
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FREQUENCY	(2)	Mobile Service	2 182,0	15,0	ice	156,8	ģ	5 316,0																		
115 '	(KHz)	ه آه	2 18	6.2	VHF Service	7	2	53																		
REGI	_	قِ	1		Щ		Ø	1						'											1	





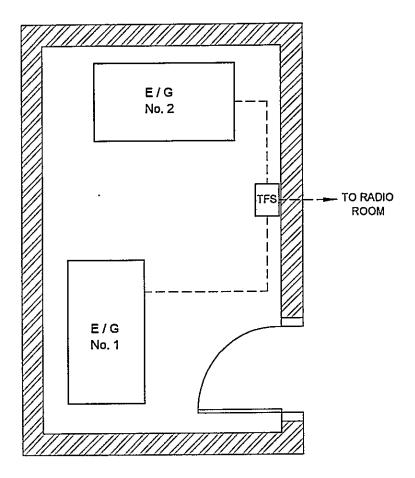


AMU ANTENNA MATCHING UNIT
HF HIGH FREQUENCY
TRX TRANSCEIVER (ING.)
VHF VERY HIGH FREQUENCY

July 02, 2001	EQUIPMENT FLOOR LAYOUT	SHEET NO 1/1
SCALE 1:50	CELUKAN BA	WANG
DIMENSION	DRAWING NO	•
Milimeter	S,R,O,P,-,C,B,W,-,	
	- R PT. Aneka Asi	ia Buana

AWN BY AAB.

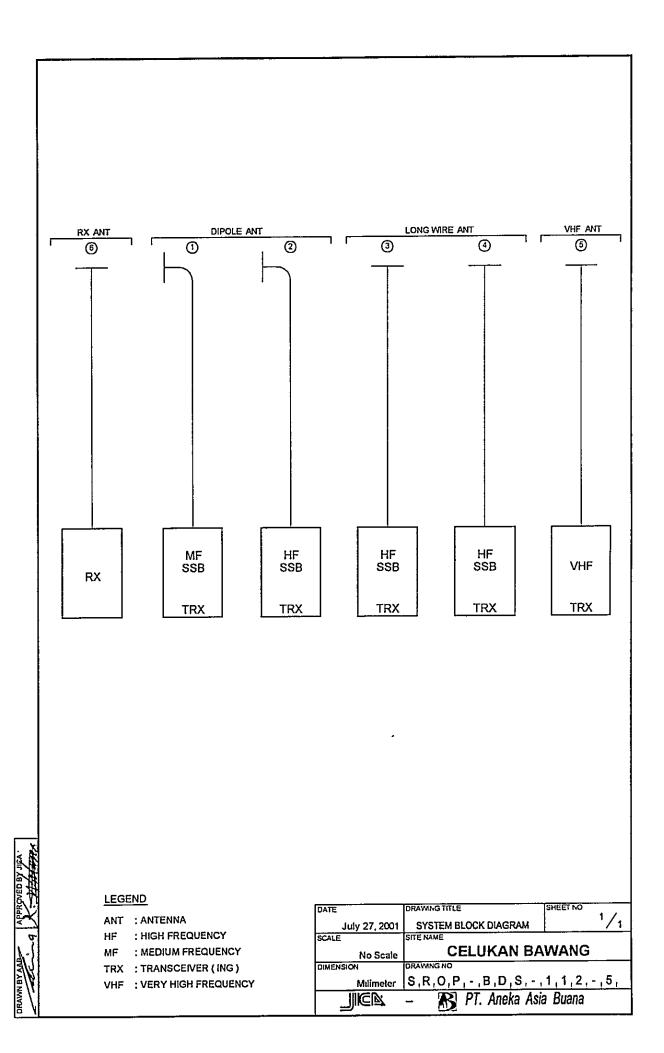


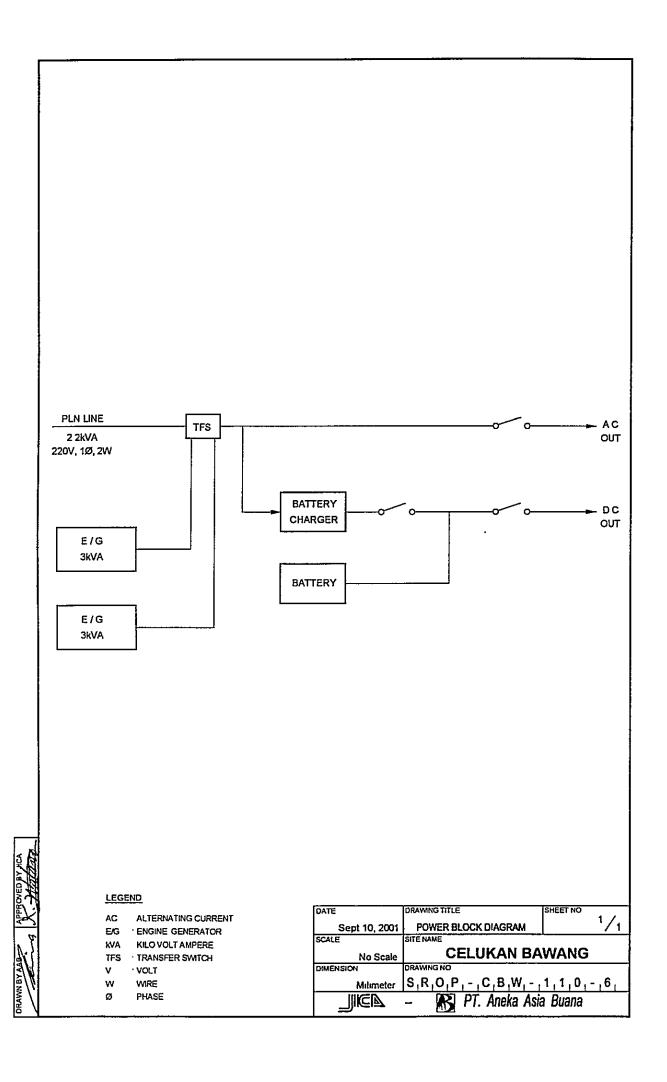


E/G : ENGINE GENERATOR
TFS : TRANFER SWITCH

DATE	DRAWING TITLE	SHEET NO
Sept 10, 2001	E/G FLOOR LAYOUT	<u>'/1</u>
SCALE	SITE NAME	
1:50	CELUKAN BA	WANG
DIMENSION	DRAWING NO	<del></del>
Milimeter	S,R,O,P,-,C,B,W,-,	1,1,0,-,4,
	– R PT. Aneka Asi	a Buana

AWN BY AAB APPROVED B





### Maritime Telecommunication Facilities: Inventory, Plant Records and Outlook-2001

### 4th-A Class Coast Station Bima (Coast Station No. 111)

### **Table of Content**

- ☑ Summary of Coast Station
- ☑ Inventory
- ☑ Status of Trouble
- ☑ Operation Schedule (Frequencies)
- TRX Drawings:
- ☑ Site Location
- ✓ Antenna Layout
- ☑ Equipment Floor Layout
- ☑ E/G Floor Layout
- ☑ System Block Diagram
- ✓ Power Block Diagram

### Note:

- ☑ Available in this list
- Not Available in this list
- ☐ Unnecessary in this list
- \* Combined in one drawing

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY	OFC	TZAO	TP	AΤ	TO	N			SIT		BIMA		,		_
SUMMARI	UP C	UASI	O I I	<u> </u>	.101	. 7			CLA	ASS	4th	1-A	NO.	$\square$	111
1. LOCATION	7711.4.77	•													
Station	Addres	 S			Tel			Ŧ	ax	I	ongitud	le	1	Latit	ude
TX/RX Jl. Jurusan P			ma		6468:		<u> </u>				43′ 2		08°		28" S
		<del></del>													-
2. GENERAL O	CONDIT	TONE												==	
<del>}</del>			6:4-	A	ess fron	- David	<del>.</del>	n	1 T CC		Accom		ina l	D	-1-4:
	rom Jakar Taking ti		r] 🗆 H			II LOI I	□ H		d Traffi		✓ Hotel		1011		ulation 05,818
By Air to Denpasar By Air to Bima	[Taking ti		r.] 🗹 Pá				Ø M				☐ Mote				05,610
By Car to Location	[Taking ti		- ] O U				□ Li		1111		L IVIOLE	-1	-+		
Dy Car 10 Location	[TEALING II	mic <u>100</u> 11	- 100	npav	veu 102		D N						$\dashv$		
			<u> </u>					OHC			<u> </u>	. C			1
		NDITIO	NS O.	F 8	STAT	ION					1	keter t	o atta	chea	drawing
3.1 Site Condition	ons														
Topography			of Soi	l			Past	disa	ster of si	te	Confirm	mation	of exi	sting	system
☐ Flat	□ Dry	soil		ime	stone		Floo	od			Yes N	0			
☐ Slope	☐ Ordi	nary		irave	el		Floo						enna		
□ Hill-top	☑ Swa	mpy		lock	у	- 0	Rain	ı Lea	akage				vers (		
☐ Basin	☐ Clay								Subside	nce			undin		
☑ Valley	☐ Sano					·	Tide						htning		
Altitude	<u> </u>	0 50						pho	ne Line				der Ca		Way
Land area		1,000	m²			₹		1	Lines			City	wate	<u>:</u>	
3.2 Buildin	g Conditi	ions					:	3.3	Power	·Sou	irce				
Consti	ructions				PLN S	Sourc	e		E/G		Existi	ng Po	wer C	ond.	itions
Num. of story	One		Voltag	е	2	220 V		1	10/220	V	Good Bac	i			
Structure	Concrete		Phase			1				1			er Sup	ply S	System
Type of roof	Asbestos		Wire			2				2			ations		
Type of ceiling	Asbestos		kVA			5 5				3		Oper			
Type of wall	Brick		ļ		Qualit	ty of I						city of	fuel		
Wall finish	Mortar		Fluctua					۷±			Day tank			6	Liter
Flooring	Tile		Availal	oility	of po	wer p	er day		24 H	ours	Main tan	ik			k Liter
	rea (m²)		Power						2 Ti	mes	E/C	G Stan	id-by	Syst	ет
Operation room		9 00	Total is							ours		ingle S		1	
E/G room		12 00	Max. ir	nterp	t. hou	rs at c	nce		5 H	ours	☑ D	oual Sy	/stem		
Remark (	One E/G Da	maged													
4. OPI	ERATIO	N AND I	MAIN	TE	NAN	CE			5. PE	RSC	ONNE	L FO	RML	ATI	ONS
A	ctions tak	en in equi	pment :	failu	ıre	-			-				/RX		
Restoration flow									Chief				1		-
Examples of major failure	;								Operato	or (sk	illed)		2 (2)	-	()
Sufficiency of spares									Technic	ian (s	skilled)		0	Γ	()
Records	of damage	es	En	viro	nment	tal Co	nditio	ons	Admini	strato	r				
☐ Heavy rainfall		_	Good	d Ba	ıd										
☐ Storm			Ø	Ī	Exte	ernal 1	ioises		Tota	ī			3		
☐ Lightning			Ø		3 Аіг	pollut	ion								
☐ Other calamity															
]	Institutiona	al and Hur	nan St	atus	es						Trainir	ig Rec	cord		
I Budget	[	Sufficient							Cours	e .	Class				Trainec
2 Spares		Enough			nable						II	Suraba	• •	92	
3 Measuring eqpt./t		Enough			nable							Вепоа		97	
4 Number of Opera		1 Enough			nable				Oru		Oru	Benoa	19	998	
5 Number of Techn		Enough			nable					_		<u> </u>			
6 Capability of Ope		Skilled			bad								_	!	
7 Capability of Tech	hnician 📙	Skilled	□ No	ot so	bad		t capa	able	ļ			!		- 1	

BIMA

SITE

SUMN	LADV	OFC	OAST	CTA	FION	· · · · · · · · · · · · · · · · · · ·		SITE	BIM	A		
POINTIA	LANI	Or C	UASI	SIA.	HON			CLASS	4	th-A	NO.	111
		6. STA	TISTIC	CAL CO	MMU	VICA'	TION T	RAFF	IC DA'	ΓA		
	Mai	ritime Sa	fety			Pι	ıblic Te	lecomn	nunicat	ion Se	rvice	
						Tele	phone	TG		Tele	phone	TG
Years	TG	TEL	DSC	NBDP	Years		,	Call	Years			Call
						Call	Minute			Call	Minute	
1996		1			1991			4	1996			79
1997					1992			47	1997			66
1998					1993			90	1998			38
1999					1994			122	1999			37
2000					1995			89	2000			19
				7.	COM	MEN	TS					
Suggestion	facility.	e Telecommi		ervices must	t be upgra	ded, for	Mobile Shi		time Safe	ty, we req	uest telepho	one Call
Remarks												

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1 1-1 1 3		Radio Equipment Transmitter SSB Transceiver SSB Transceiver SSB Transceiver	FT-300C FS-1000 1C-M700	2820721DO 5590-2501 5149	Yaesu Furuno ICOM	1982			Good Good
1-2		VHF System VHF Transceiver Ch.: 12, 14, 16, 20, 22	FM-400H	245372	Furuno	1989			pooD
2 2-1 1 2		Tower & Antenna System Tower & Mast Antenna Tower Antenna Pole	Square Rec		.,	1994			Good
2-2 1 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		Antenna System Long Wire Antenna Ring Antenna Whip Antenna Dipole Antenna	EM-2Staks			1994 1989 1989 1994			Damaged Good Good Good
3-1		Power Supply Equipment Step-Up Transformer Step-Up/Down			Stavol				Good
3.5 2.2 2.2 6.5 8.4 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3		UPS & AVR System DC Power Supply 10A DC Power Supply 30A DC Power Supply 40A Accu 12V/100AH Accu 12V/200AH Accu 12V/200AH	CA-1010S BL-1030A EP-1040A N100 N200 N200		Carlton Ball Alinco GS GS MF	1989			Good Good Good Damayed Damaged Good

Benoa

### INVENTORY

Site Name: Bima

								Maintenance	
No	Registered No.	Description	Type	Serial No	Serial No Manufacturer Date	Date	Reference	Record	Condition
7		Accu Charger Accu Charger				1989			Good
3.3		ı	TS-60 TF-6,5H-di		Yannar Yannar	1982			Damaged Good
J 4		Generator 3KVA	נ-5ען	6790	r anmar Yanmar	1987			Damaged Good
4 _		Measuring Equipment Multi Tester	SP-15D		Sanwa	1994			Good
<u>v</u>		Others Air Conditioner 2PK	Split	50100022	Sanyo	1994			Good

# STATUS OF TROUBLES

SITE NAME: BIMA

BMA-111-(1/1)

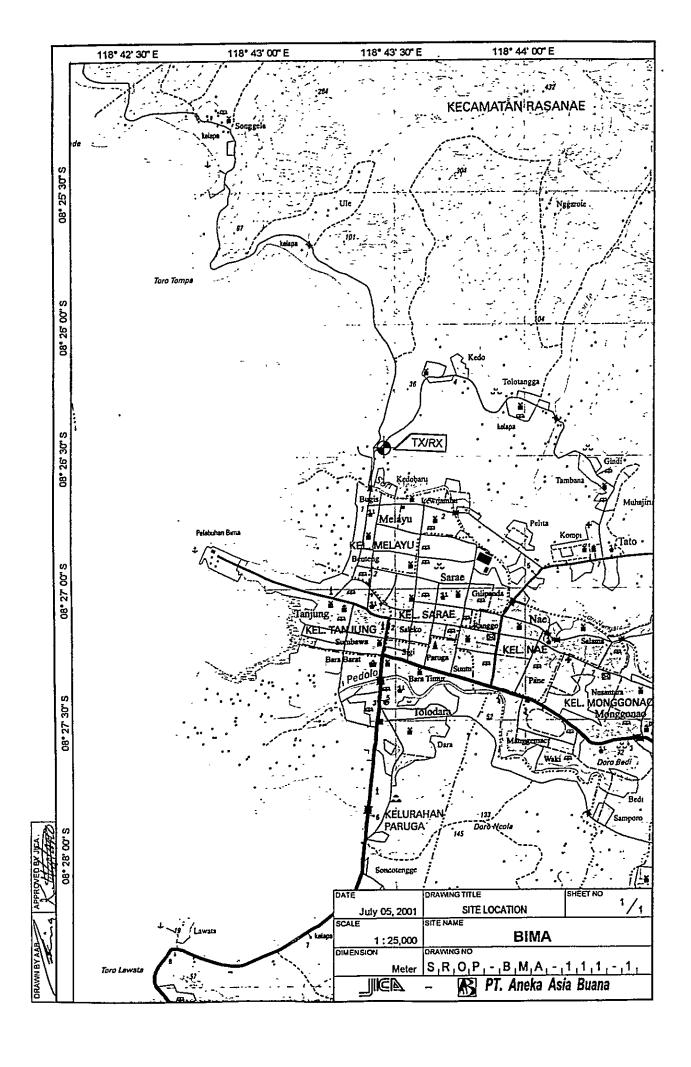
Item / Equipment	-/-		
Manufacturer	4		
Manufacturer in year	1		
Defective panel / unit	1		
	Cause doe to:		Repairing to be:
	☐ Aging		□ Immediacy
Details of Trouble Status	☐ Lightning	1 T	☐ By next year budget
Colains of 110ubic Status	□ Corrosion	Orgency of Repair	☐ By next project
	☐ Lack of Spares		□ Unnecessary
	□ Others		
General Comment for Maintenance:	સ્ત		
For repairing, it must be sent to Benoa, therefore	noa, therefore we request for one radio technician for Bima.	technician for Bima.	

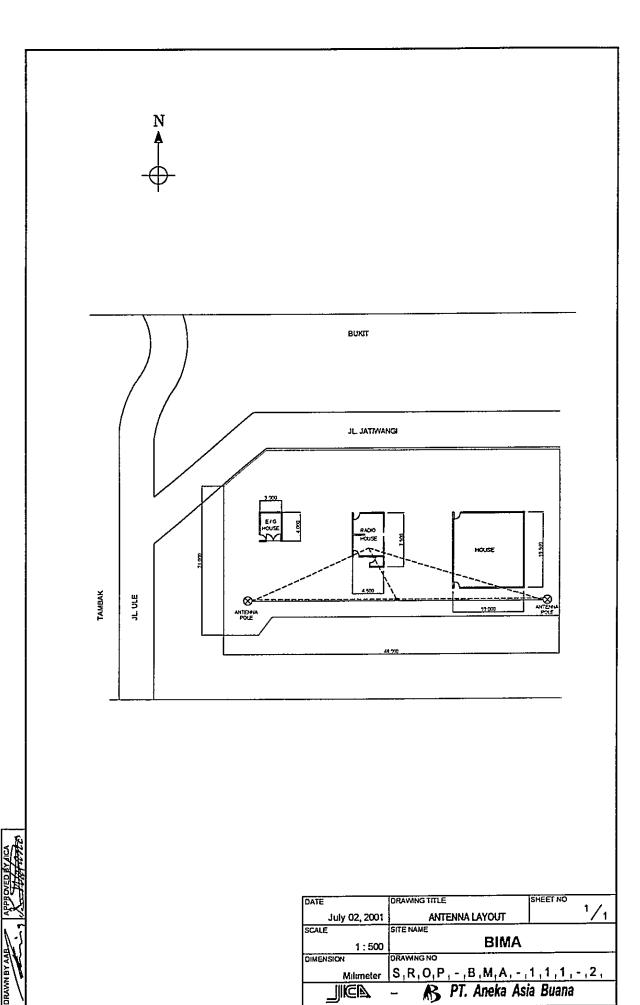
### BMA-111-(1/1)

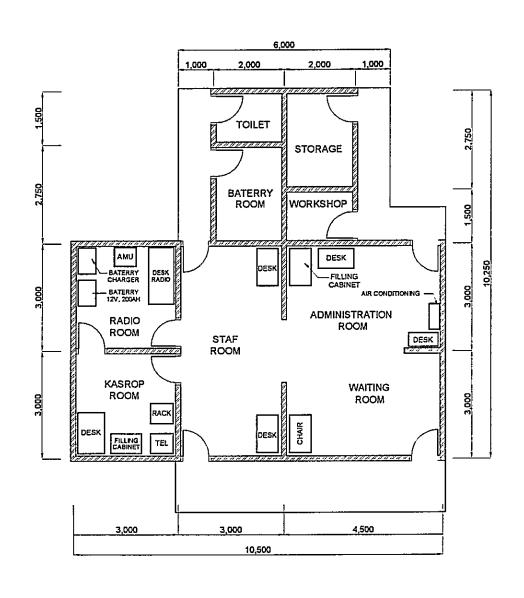
### OPERATION SCHEDULE (FREQUENCIES) Call Sign: Mobile Service: PKD:34 Fix Service: 8AD4

Site Name: Bima

	FREQUENCY		POWER	IITO	
	(kHz)	EMISSION	(w)	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	REMARK
	Mobile Service				
-	2.182,0	JSE	100		
8	6.215,0	J3E	100		
- 1					
	VHF Service		1		
ი	Channel-16	G3E	40		
-					
	Fix Service				
₹,	5 316,0	J3E	100		
ß	8 110,0	A1A	150		
9					
7					
ω					
6	1				
9					
Ξ	 				
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4					-
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16			,		
17	       		1		•
18	,				
<del>1</del>		-	; 		
20		1	1		
<u> </u>	;	1			
3 . 6	•	1			
3		ļ			







AVR AUTOMATIC VOLTAGE REGULATOR

BPS BATTERY POWER SUPPLY

E/G ENGINE GENERATOR

HF HIGH FREQUENCY

1ST ISOLATION TRANSFORMER kVA KILO VOLT AMPERE

MF MEDIUM FREQUENCY

PDB POWER DISTRIBUTION BOARD

SUT STEP - UP TRANSFORMER

TFS TRANSFER SWITCH

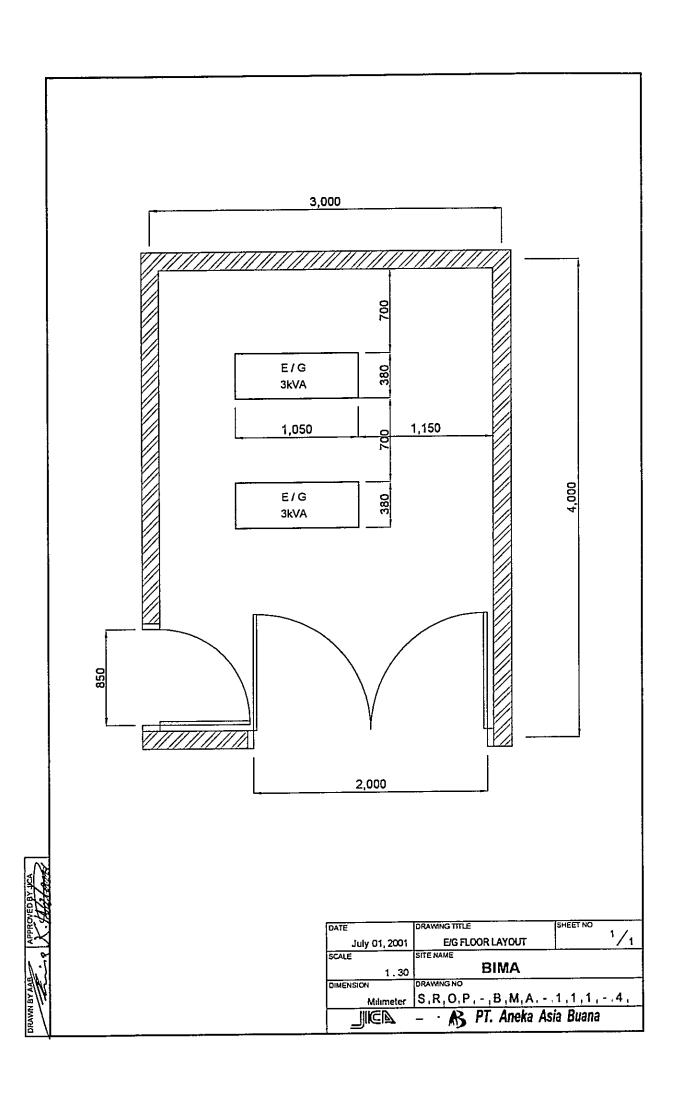
TRX TRANSCEIVER (ING)

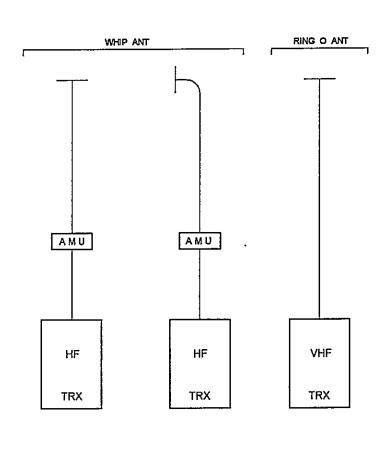
TX TRANSMITTER (ING)

UPS UNINTERRUPTED POWER SUPPLY

DATE	DRAWING TITLE	SHEET NO
August 01, 2001	EQUIPMENT ROOM LAYOUT	'/1
SCALE	SITE NAME	
1:100	BIMA	
DIMENSION	DRAWING NO	
Milimeter	S,R,O,P,-,B,M,A,-,	1,1,1,-,3,
	– R PT. Aneka As	ia Buana

WN BY AAB APPROVED BY JCA.



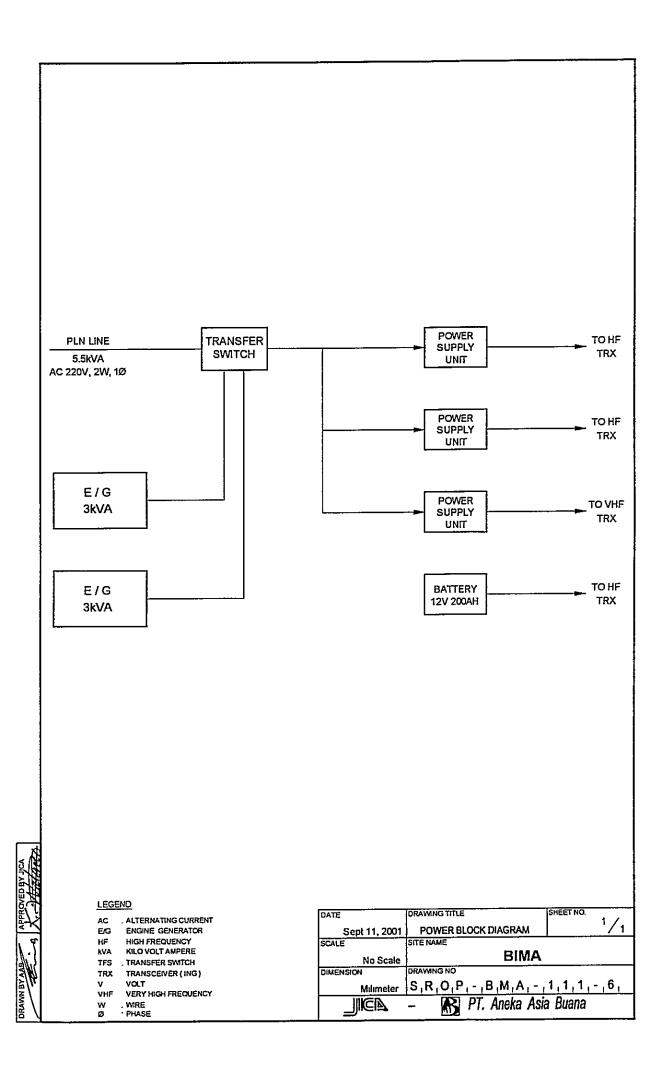


ANT ANTENNA

AMU . ANTENNA MACHER UNIT HF HIGH FREQUENCY TRX TRANSCEIVER (ING)

VHF VERY HIGH FREQUENCY

DRAWING TITLE	SHEET NO
SYSTEM BLOCK DIAGRAM	1/1
SITE NAME	
BIMA	. <u> </u>
DRAWING NO.	
S,R,O,P,-,B,M,A,-	1,1,1,-,5,
- R. PT. Aneka As	ia Buana
	SYSTEM BLOCK DIAGRAM  SITE NAME  BIMA  DRAWING NO.  S , R , O , P , - , B , M , A , -



### Maritime Telecommunication Facilities: Inventory, Plant Records and Outlook-2001

4th-A Class Coast Station **Badas**(Coast Station No. 112)

### **Table of Content**

- ☑ Summary of Coast Station
- ✓ Inventory
- ☑ Status of Trouble
- ☑ Operation Schedule (Frequencies)

### TRX Drawings:

- ☑ Site Location
- ☑ Antenna Layout
- ☑ Equipment Floor Layout
- ☑ E/G Floor Layout
- System Block Diagram
- Power Block Diagram

### Note:

- ☑ Available in this list
- Not Available in this list
- ☐ Unnecessary in this list
- \* Combined in one drawing

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

OTINANA A DA	Z OTE COAST	CTLA	TION			SITE	BA	DAS				
SUMMAK	Y OF COAST	SIA	HON			CLAS	S	4th-A	NO.		112	
1. LOCATION			<del></del>									
Station	Address		Tel.		Fa	x	Long	itude		Latit	ude	
TX/RX Jl. Pelabuha	ın Badas, Sumbawa					11	7° 22		08°	27'	54" S	
											1 <del>7.11</del>	
2. GENERAL	CONDITIONS											
	from Jakarta	Site A	ccess from P	ort	Road '	Traffic	Acı	commoda	tion	Pon	ulation	
By Air to Denpasa		r.] 🗆 Hig			Ieavy	Hanne		lotel	ition.	тор	<u>uration</u>	
By Air to Sumbaw		r.] 🗹 Pav			/ledium			fotel				
By Car to Location		<del></del>	oaved road		ight	•		10101				
2) dar 10 200and.		1					<u> </u>		<del> </del> -			
	2 CONDITIO	NC OF	CT A TIC					Refer	to atta	ched	drawing	
	3. CONDITIO	NS OF	SIATIC	714			l	Refer	to and	Ciica	diawing	
3.1 Site Conditi	···-	4 =				- •	1 -					
Topography		of Soil	····	-L.	10.0	er of site		nfirmatio	n of ex	isting	system	
□ Flat			nestone	□ Flo			Yes					
□ Slope			avel	1	od Tide				ntenna			
☐ Hill-top	1 1 7	□ Ro	•	1	n Leak	akage Subsidence			wers (			
☐ Basin	1	☑ Sto	ny	□ Gro	ound St	ibsidence		-	roundir			
□ Valley	☐ Sandy						Ø		ghtning			
Altitude	***************************************	M		☐ Tel	ephon	e Lines			eder C		Way	
Land area	4,252	m²		<u> </u>		Lines			ty wate	<u>:r</u>	···-	
	g Conditions					ower S					·····	
	ructions		PLN Sou		I	E/G		xisting P	ower (	Cond	litions	
Num. of story	Опе	Voltage	220			220 1		Bad				
Structure		Phase		_1		1					System	
Type of roof		Wire		2				☐ ☐ Operation				
Type of ceiling		kVA		3.5		3					ions of AVR uel for engine	
Type of wall	Brick	<b>.</b>	Quality o						of fuel			
Wall finish	<del></del>	Fluctuati			<u>V ± %</u>		Day				Liter	
Flooring			ity of power		<u> </u>	24 Hou					k Liter	
			terruption /			3 Time		E/G Sta			em	
Operation room			erpt. hours /		4	18 Hour			Syster			
E/Groom	21.00	Max. inte	erpt. hours a	t once		48 Hour	rs 🗆	Dual S	system	<del></del>		
Remark												
1			<del></del>			· · · · · · · · · · · · · · · · · · ·						
	<u>ERATION AND N</u>			<u> </u>	:	<u> 5. PER</u>	SON	NEL F	<u>ORM</u>	<u>AT</u> ]	<u>ions</u>	
A	Actions taken in equip		ilure					T	X/RX			
Restoration flow	Repairing in Disnav					Chief			1	ļ		
Examples of major failure	<del></del>	ent can n	ot transmit			Operator (ski			3 ()	┿	0	
Sufficiency of spares	Not available					Technician (s		(d)			0	
	s of damages		ronmental (	Conditi	ons A	dministra	ator			<del> </del>		
☐ Heavy rainfall			Bad		_					—		
□ Storm		Ø	☐ Externa		<u> </u>	otal			4	<del> </del>		
☐ Lightning			☐ Air pol	lution						-		
Other calamity A										<u> </u>		
	Institutional and Human Statuses  dget □ Sufficient □ Reasonable □ Insufficient □ Course					ining Re		اد دند	T			
1 Budget					<del></del>	Course	Clas	s Loca	tion Pe	riod	Trainee	
2 Spares	☐ Enough		sonable 🗹				<b></b>					
3 Measuring eqpt /			sonable 🔯								-	
4 Number of Opera 5 Number of Techn			sonable 🔯						<del>-</del>	<u>i</u>		
6 Capability of Ope			so bad				<u> </u>		+			
7 Capability of Tec			so bad 🖾				i		$\dashv$			
· Cabaouità or rec	mineral Im Cutton	1- 1101	JU 100 1 1 1	uup	امدمد		,	i			i	

SUMN	r a de v	OFC	O A ST	CTA	FIAN			SITE	BAD	AS		
SOLVILL	IAKI	Or C	OASI	SIA.	TION	l 		CLASS	41	h-A	NO.	112
		6. STA	TISTIC	CAL CO	MMUI	NICA'	TION T	RAFF	C DA	ΓA		
	Mai	ritime Sa	fety			Pı	blic Te	lecomn	nunicat	ion Se	rvice	
Years	TG	TEL	DSC	NBDP	Years	Tele	phone	TG Call	Years	Tele	phone	TG Call
1 cars	10	IEL	DSC	NBDF	1 cars	Call	Minute	Can	rears	Call	Minute	Can
1996					1991				1996			
1997					1992				1997			
1998					1993				1998			
1999					1994				1999			_
2000					1995				2000			
				7.	COM	MEN'	rs				• • • • • • • • • • • • • • • • • • • •	
Suggestion							· · · · · · · · · · · · · · · · · · ·					
Remarks			•	2						•	•	

INVENTORY

Ž	Portictored No.		£	- 1 V.	7 7	,		Maintenance Decord	
	registered 140.	Describion	Type	Serial No	Manufacturer	Date	Kererence	Mecoru	Condition
- a w		Radio Equipment Transmitter Transceiver Transceiver Transceiver	M-700 M-700 FT-300C	4358 49813	ICOM ICOM Yaesu	1991			Good
1-2		m eiver	FM-400	247667	Furuno	6861			Damaged
3-1 1-1		Power Supply Equipment Engine Generator Generator	TF-75H	75404357	Yanmar	\$661			Good
			4.4						
			···						

### STATUS OF TROUBLES

SITE NAME: BADAS

BDS-112-(1/1)

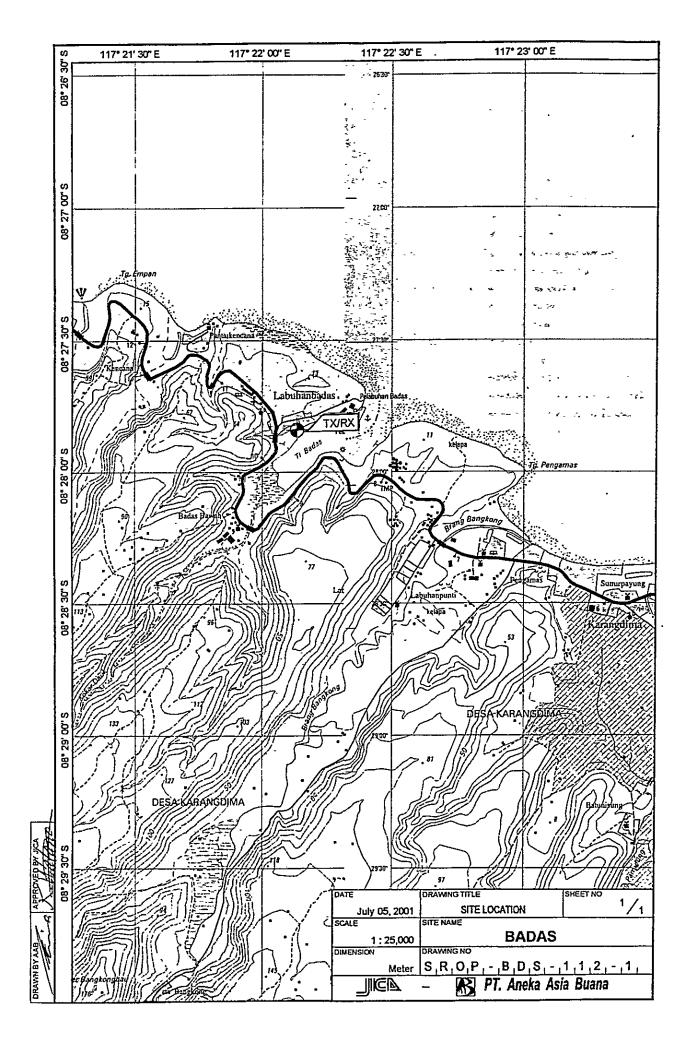
Item / Equipment	VHF Transceiver / -		
Manufacturer	Furuno		
Manufacturer in year	6861		
Defective panel / unit	TX/RX		
	Cause doe to:		Repairing to be:
	☑ Aging		区 Immediacy
Details of Trouble Status	☐ Lightning	T C. 3.	☐ By next year budget
	□ Corrosion	Organey of Kepair	☐ By next project
	区 Lack of Spares		□ Unnecessary
	□ Others		
General Comment for Maintenance:			
Badas Coast Station is not manage the budgetary, especially for Badas		we herewith request for Benoa Coast Station to have attention to the other area-stations,	ion to the other area-stations,
	•		

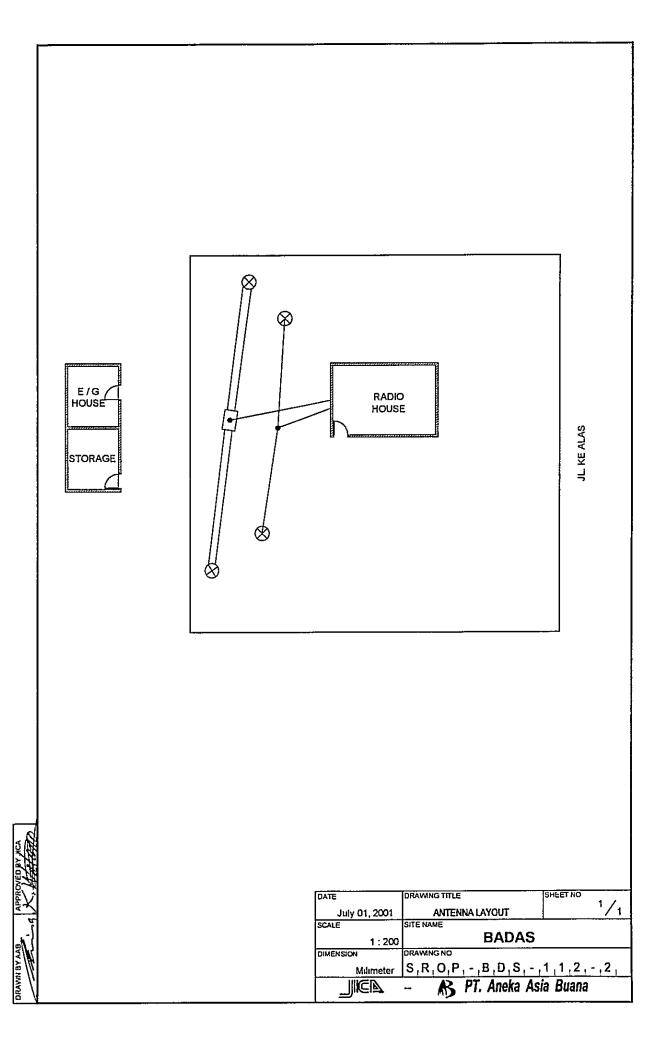
### **OPERATION SCHEDULE**

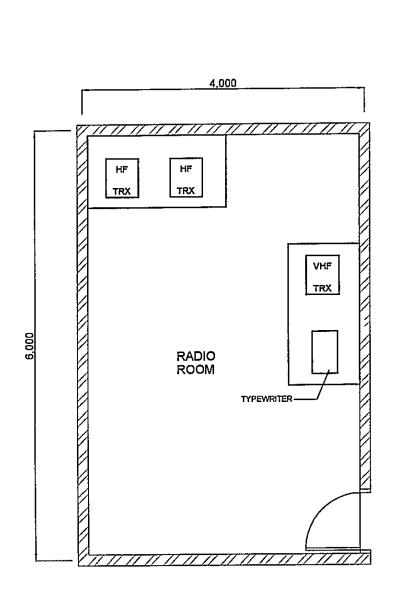
Site Name: Badas

### (FREQUENCIES) Call Sign: Mobile Service: PKD 67 Fix Service:

		FIX Service	- 11		
	FREQUENCY	EMICCION	POWER	υτο	
$\neg$	(KM2)		(w)	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	REMARK
	g				
<b>-</b> -	2 182,0	Aa	100		
7	6.215,0	A3J	100		
1					
	VHF Service				-
ന	156 800,0	G3E	50		•
j					
1	FIX Service				
4	5 316,0	J3E	100		
S.	5 165,0	38	5		
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23			<u> </u>		
1					

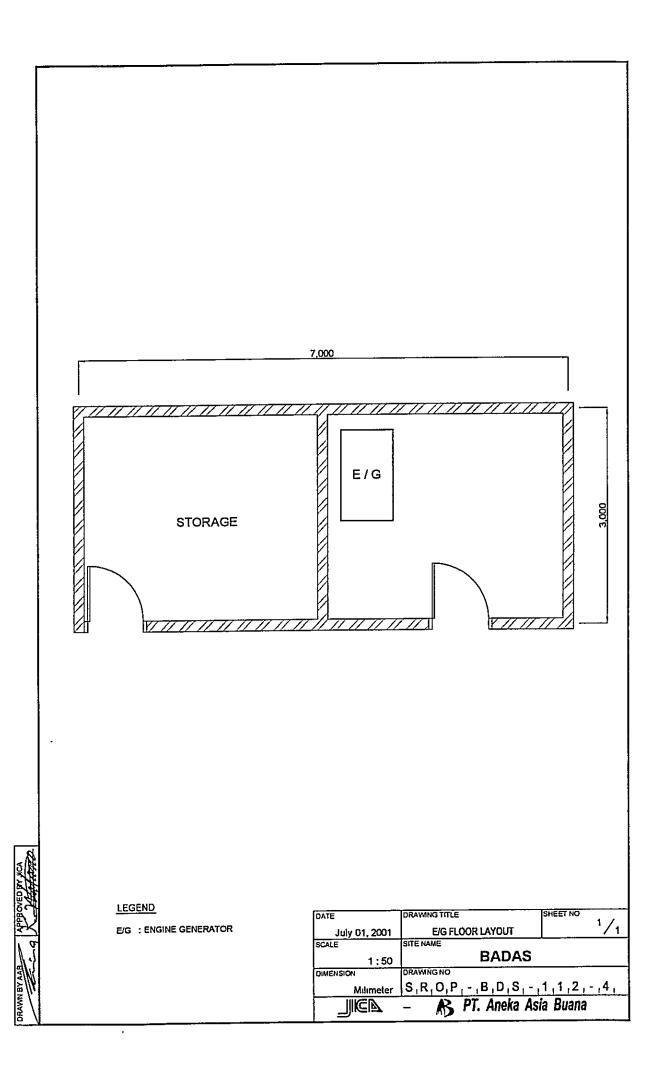


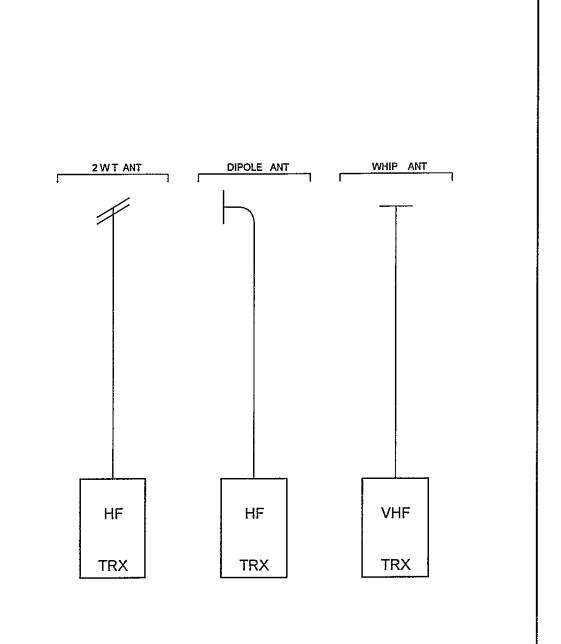




HF HIGH FREQUENCY
TRX TRANSCEIVER (ING )
VHF VERY HIGH FREQUENCY

DATE July 01, 2001	DRAWING TITLE EQUIPMENT FLOOR LAYOUT	SHEET NO
SCALE 1:50	BADAS	
DIMENSION Millimeter	S,R,O,P,-,B,D,S,-	1,1,2,-,3,
	- R PT. Aneka As	ia Buana





ANT : ANTENNA

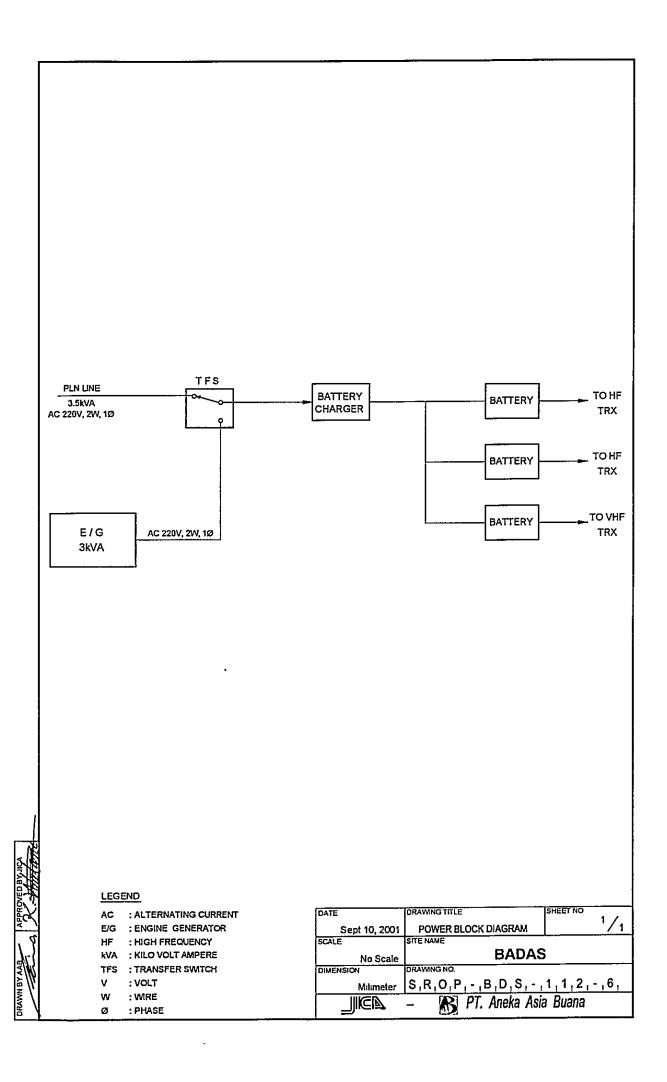
HF: HIGH FREQUENCY
TRX: TRANSCEIVER (ING)

VHF : VERY HIGH FREQUENCY

WT : WIRE TTYPE

DATE	DRAWING TITLE S	HEET NO.
July 27, 2001	SYSTEM BLOCK DIAGRAM	'/1
SCALE	SITE NAME	
No Scale	BADAS	
DIMENSION	DRAWING NO.	
Milimeter	S,R,O,P,-,B,D,S,-,1	,1,2,-,5,
	PT. Aneka Asia	Buana

TAWN BY AAB APPROVED BY



### Maritime Telecommunication Facilities: Inventory, Plant Records and Outlook-2001

### 4th-A Class Coast Station **Gilimanuk**(Coast Station No. 113)

### **Table of Content**

✓ Summary of Coast Station
 ✓ Inventory
 ✓ Status of Trouble
 ✓ Operation Schedule (Frequencies)
 TRX Drawings:
 ✓ Site Location
 ✓ Antenna Layout
 ✓ Equipment Floor Layout
 ✓ E/G Floor Layout
 ✓ System Block Diagram

### Note:

✓ Available in this list

Power Block Diagram

- Not Available in this list
- ☐ Unnecessary in this list
- \* Combined in one drawing

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

CITINATNA A IDA	V OF COAST	י ביור ג	TION			SITI	Ε	GILI	MANU	K		
SUMMAK	Y OF COAST	SIA	LION			CLA	SS	4tl	n-A	NO.		113
1. LOCATION												
Station	Address	1	Tel.		F	ax	I	ongitud	ie	]	Latit	ude
	Ling Samiana-Gilimanu	k	0365-6137	4			114°			08°	10'	
170100 1111050111	20.9 02		0000 0101	•								
CENEDAL	COMPUTEIONIC	<u>!</u>										
2. GENERAL		10% 1			<u> </u>			A	modati	1	Danie	.1.4
	from Jakarta		ccess from P			l Traffic		Hote €		-		ulation 20,000
By Air to Denpasa		r.] 🗀 Hig r.] 🗹 Pav			Ieavy Iediu			□ Mote				20,000
By Car to Location	[Taking time: 2 00 h				vieaiu Light	111		LI MICIE	- l			·····
			paved road		Vone					+		
					TOILE				D C 1			1
	3. CONDITIO	NS OF	STATIC	N					Kerer to	) atta	cnęa	drawin
3.1 Site Conditi	ons											
Topography	Nature	of Soil		Pas	t disa:	ster of si	te			ofex	sting	system
☑ Flat	☐ Dry soil	☐ Lit	mestone	☐ Flo	od		- 1	Yes N	Īo			
☐ Slope	☐ Ordinary	☐ Gr	avel	□ Flo	od Ti	de	Į		Ante	enna		
□ Hill-top	☐ Swampy	□ Ro	cky		in Lea	_	Į		•			
☐ Basin	□ Clay			☑ Gro	ound :	Subside	nce	Ø C		_		
□ Valley	☑ Sandy			<u> </u>								
Altitude	2.00	M		<del></del>	lepho	ne Line	s					<i>N</i> ay
Land area	750.00	m²		Ø	1	Lines			3 City	wate	r	
3.2 Buildin	g Conditions				3.3	Power	Sou	rce				
	tructions		PLN Sou	rce		E/G		Exist	ing Po	wer (	Cond	itions
Num. of story	One	Voltage	220	v			v	Good Ba	đ			
Structure	Concrete	Phase		1					Powe	r Su	ply S	System
Type of roof	Asbestos	Wire	Ì	2		-			Opera	ation	s of F	:/G
Type of ceiling	Asbestos	kVA	3	3.5					Opera	ation	s of A	\VR
Type of wall	Brick		Quality o	f PLN	sourc	e		Capa	city of	fuel	for e	ngine
Wall finish	Mortar	Fluctuat			V±		]	Day tanl	k			Liter
Flooring	Tile	Availabi	lity of power	per da	у	24 H	ours	Main tar	nk			k Liter
	Area (m²)	Power in	iterruption /i	month		10 Ti	mes	E/0	G Stan	d-by	Syst	em
Operation room	60.00	Total int	erpt. hours /	month	٦	20 H	ours		ingle S	yster	n	
E/G room	20 00	Max. int	erpt, hours a	t once		2 H	ours	· · · · · · · · · · · · · · · · · · ·				
Remark												
·												
4 OP	ERATION AND N	MAINT	FNANCI	7.	1	5 PF	RSC	ONNE	I. FO	RM	ATI	ONS
	Actions taken in equi			<u> </u>		<b>₩</b> , 1 1	1100	J1 11 123.	TX/		T	
Restoration flow	Repaired by himself		inarc		$ \rightarrow $	Chief		· · · · · · · · · · · · · · · · · · ·	1	1	1	
Examples of major failur			eak			Operato	or (sk	illed)	1 2	2 (2)		()
Sufficiency of spares	Not enough	inclus, w	oun			Technic			<del>                                     </del>	()	<del> </del>	0
	s of damages	Envi	ironmental (	Conditi		Adminis			1		<del>                                     </del>	
☐ Heavy rainfall	3 Of Gamages	Good							<u> </u>		†	
☐ Storm			☐ Externa	al noise	5	Total	· · · · ·		<del>                                     </del>	3	+	
☐ Lightning		<u> </u>	☐ Air pol		Ť						1	-
☐ Other calamity		_ -									ī	
	Institutional and Hur	nan Stat	luses					Traini	ng Rec	ord		
1 Budget	☐ Sufficient			Insuffic	ient	Course	2	Class			riod	Trainee
2 Spares	☐ Enough		sonable 🗹			Pre		H	YGT		998	1
3 Measuring eqpt./			sonable 🗹				1	Oru	YGT	1	997	1
4 Number of Operation			sonable 🗆					Oru	SBY	1	997	1
5 Number of Tech			sonable 🗹					Onı	SBY	11	998	1
6 Capability of Op				Not cap								
7 Capability of Tec		☑ Not	so bad	Not cap	oable				<u> </u>		i	

SUMM	IADV	OFC	OAST	CTA	TION	1		SITE	GILI	MANU		
OTATIA	LANI	OF C	UASI	SIA.	LIUN			CLASS	41	th-A	NO.	113
		6. STA	TISTIC	CAL CO	MMU	VICA'	TION T	RAFF	IC DAT	ΓA		
	Maı	ritime Sa	fety			Pı	ıblic Tel	ecomn	unicat	ion Se	rvice	
Years	TG	TEL	DSC	NBDP	Years	Tele	Telephone		Years	Tele	phone	TG Call
						Call	Minute			Call	Minute	
1996		ĺ			1991				1996			
1997			·-		1992				1997			
1998					1993				1998			
1999					1994				1999	50	250	
2000					1995				2000	30	150	
				7.	COM	MEN	TS					
Suggestion	Not all s	f ships use thips know the connection.	e frequency							very impo	rtant for en	nergenc
Remarks												

INVENTORY

986	1983	9861 9661 9661 9661 9661		
Furuno	Furuno	Video Carlton Daiwa Yuasa GS Delta		
590-252	7632	0000 1010S 0X11		
SN-5	H-24	RE-2 CA-1 RS-4		
0.0	0			
FS 100 IC-700	FN 40			
		ent		
ب		q <b>uipm</b> oah oah		
ipmen iver iver	iver	oply E.		
io Equ ismitter Transcei Transcei	System	er Sul & AVR er Supply er Supply er Supply er Supply er Supply er Supply er Supply		
Rad Tran SSB SSB	VHF	Pow UPS Powe Powe Powe Accu Accu Batte		
- 7	2-	-1 -2 5 4 3 3 6 6 6 6 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		
	Radio Equipment	Radio Equipment   Transmitter   SSB Transceiver   FS 1000   SN-5590-2528   Furuno   SSB Transceiver   IC-700   9837   ICOM   VHF Transceiver   FN 400   H-247632   Furuno   Furuno   Furuno   FN 400   H-247632   Furuno   Furuno   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400   FU 400	Radio Equipment         FS 1000         SN-5590-2528         Furuno           SSB Transceiver         IC-700         9837         ICOM           VHF System         VHF Transceiver         FN 400         H-247632         Furuno           Power Supply         FQ 400         Video         Furuno           Power Supply         RE-2000         Video           Power Supply         CA-1010S         Carlton           Power Supply         RE-2000         Video           Accumulator 12V-200AH         RS-40XII         Daiwa           Accumulator 12V-200AH         GS           Battery Charger         Delta	Transmitter   FS 1000   SN-5590-2528   Furuno   SSB Transceiver   FS 1000   SN-5590-2528   Furuno   SSB Transceiver   IC-700   9837   ICOM   IC-700   9837   ICOM   IC-700   9837   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   ICOM   IC

### STATUS OF TROUBLES

SITE NAME: GILIMANUK

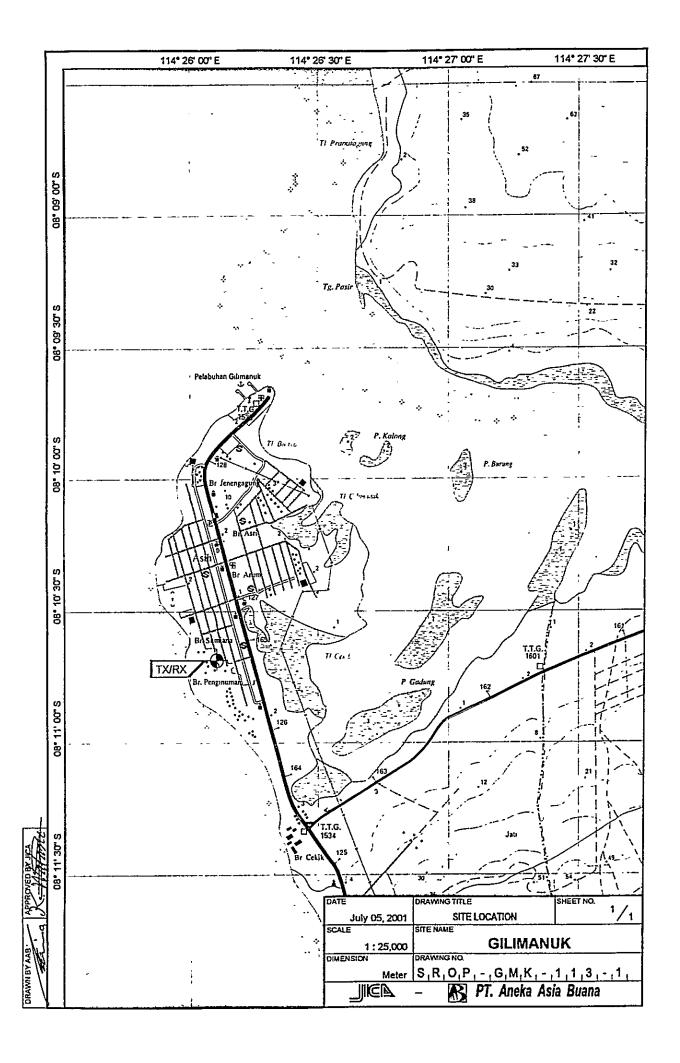
GMK-113-(1/1)

Item / Equipment	VHF Antenna Tower / -		
Manufacturer	1		
Manufacturer in year	r		
Defective panel / unit	Without Antenna Tower/Corrosion		
	Cause doe to:		Repairing to be:
	☐ Aging		区 Immediacy
Details of Trouble Status	☐ Lightning	G	☐ By next year budget
	☑ Corrosion	Organicy of Acepani	☐ By next project
	☐ Lack of Spares		☐ Unnecessary
	□ Others		
General Comment for Maintenance	ad		
We hope routine maintenance for C	Soast Stations, because the maintenar	We hope routine maintenance for Coast Stations, because the maintenance for along this time not routine implemented.	olemented.
We request for Antenna VHF tower	We request for Antenna VHF tower, because Antenna tower is still using the wooden	g the wooden	

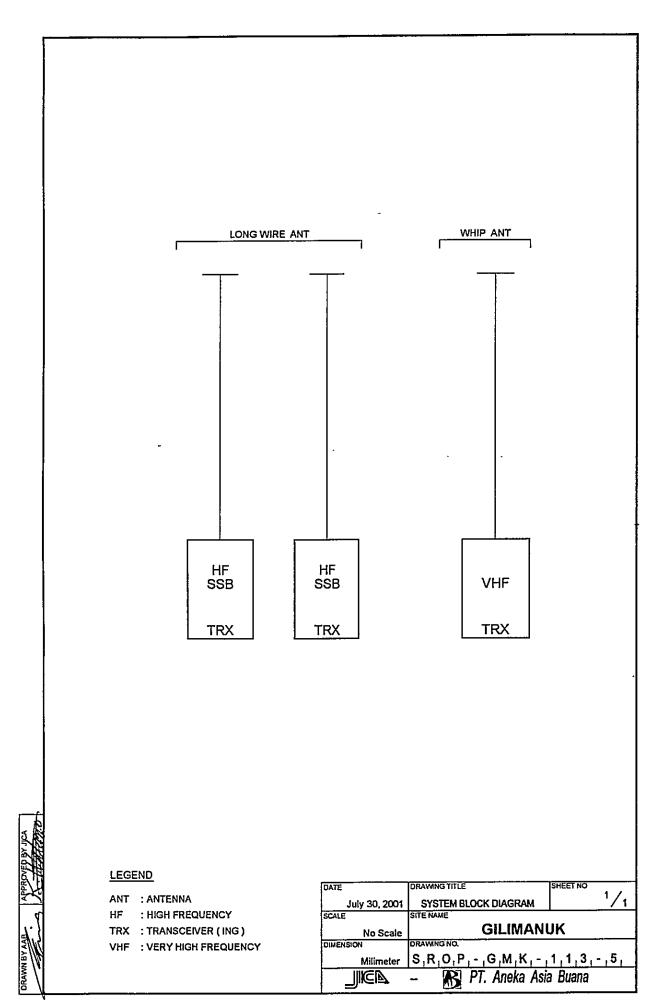
## OPERATION SCHEDULE (FREQUENCIES) Call Sign: Mobile Service: PKD.70 Fix Service : 8AC32

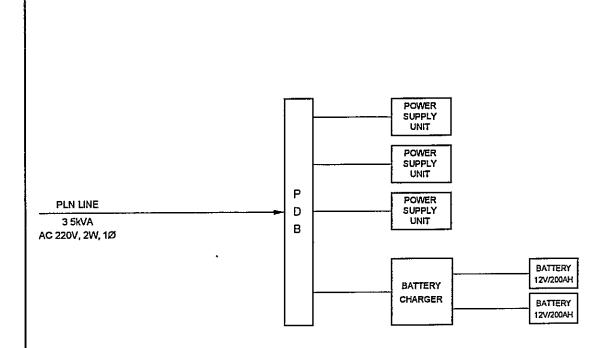
Site Name: Gilimanuk

厂	չ		POWER	UTC	
	(KHz)	EMISSION	( <u>%</u>	01 02 03 04 05 06 07 08 09 10 11 1	REMARK
	Mobile Service				
, –	2 182,0	J3E	300		
8	6 215,0	J3E	909		
	+				
	VHF Service				
ო	156 800,0	G3E	20		
	,	1			
	Fix Service				
4	5316,0	J3E	20		
ည	5 6 926,0	1	50		
9					
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AC : ALTERNATING CURRENT kVA : KILO VOLT AMPERE

V : VOLT W : WRE Ø : PHASE

DATE	DRAWING TITLE	SHEET NO
July 30, 2001	POWER BLOCK DIAGRAM	'/1
SCALE	SITE NAME	
No Scale	GILIMAN	UK
DIMENSION	DRAWING NO.	-
Milimeter	S,R,O,P,-,G,M,K,-	1,1,3,-,6,
	- PT. Aneka Asi	a Buana

AWN BY AAB.

### Maritime Telecommunication Facilities: Inventory, Plant Records and Outlook-2001

4th-A Class Coast Station **Labuhan Lombok** (Coast Station No. 114)

### **Table of Content**

- ✓ Summary of Coast Station
- ☑ Inventory
- ☑ Status of Trouble
- ☑ Operation Schedule (Frequencies)

### TRX Drawings:

- ☑ Site Location
- ☑ Antenna Layout
- ☑ Equipment Floor Layout
- ☐ E/G Floor Layout
- ☑ System Block Diagram
- ☑ Power Block Diagram

### Note:

- ☑ Available in this list
- Not Available in this list
- ☐ Unnecessary in this list
- \* Combined in one drawing

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

							1						
SUMMAR	Y OF COAS	T STA	ATIC	ON			SITI			UHAN			
							CLA	799	4	th-A	NO	•	114
1. LOCATION											,		
Station	Address		<u>T</u>	el.		F			Longitude			Latitude	
1 X/K X DI. Kayang	an Labuhan Lombok							116°	39′	27" E	08°	34	09"
	······································				1	===		-		<del></del>	<u> </u>		
	CONDITIONS												
Moving	from Jakarta		Access fr	rom Por	t	Road	Traffic		Acco	mmodat	ion	Pop	ulation
By Air to Matara		hr.] 🗆 Hi				leavy		į	☑ Ho				20,000
By Car to Locatio	n [Taking time: <u>1.5</u>	hr.] 🗹 Pa				Mediur	m		□ Mo	tel			
		∪ Մո	paved r	road	_	ight							
<u> </u>						Vone							
	3. CONDITIO	ONS OF	STA	TION	1					Refer	o atta	chec	i drawii
3.1 Site Condit						-							
Topography	<del></del>	e of Soil		T	Pasi	t disas	ter of sit	-	Conf	irmation	ofer	ictine	system
□ Flat	☐ Dry soil		mestone	e C	J Flo			<del>-</del>		No	. U. C.	1341112	, system
☐ Slope	□ Ordinary		avel	1_		od Tic	de.	ļ	Ø	□ Ant	enna		
☑ Hill-top	□ Swampy		ocky			n Leal		ŀ			vers (	Masi	(2)
□ Basin .	☐ Clay		,				Subsiden	ice			undir		
□ Valley	□ Sandy										htning		
Altitude	9.00	M			Tel	ephor	ne Lines	;			der C		
Land area	1,250	m²		C			Lines				wate		<u></u>
3.2 Buildir	ng Conditions	T				3.3 F	Power	Sou	rce				_
	tructions	<del>                                     </del>	PLN	V Source			E/G	1		ting Po	war (	Cond	litions
Num. of story	One	Voltage	+	220 V			<u>L/G</u> V	,	Good B		WCI	.VIIU	1110115
Structure	Concrete	Phase		1	<del></del>		•			☐ Pow	er Sur	niv	System
Type of roof	Roof Tile	Wire	<u> </u>								ations		
Type of ceiling	Triplex	kVA		1.2			·	$\neg$			ations		
Type of wall	Brick		Qua	lity of		source	e		Can	acity of			
Wall finish	Mortar	Fluctuat				V ± 10		<u> </u>	Day tar				Liter
Flooring	Mortar	Availabi	lity of p	ower p			24 Ho						k Liter
Room	Area (m²)	Power ir				<u> </u>	12 Tin	nes	E	G Stan	d-by		
Operation room	24.00	Total int				1	24 Ho	urs		Single S			
E/Groom		Max. int					2 Ho			Dual Sy			
Remark		•				L							
4. OP	ERATION AND	MAINT	ENA	VCE			5. PEI	RSC	NNE	T. FO	RM.	A TI	ONS
· · · · · · · · · · · · · · · · · · ·	Actions taken in equi	7.00		TOL			J. 1 1/1		11111	TX		1	ONS
Restoration flow	Repaired by Technic			igation	Beno	a C	Chief			170	1	-	
xamples of major failur			101 1141	Suction	2501101		perator	(ski	led)	+	2(1)	-	()
Sufficiency of spares	Not enough						echnicia			<del>                                     </del>	0		$\frac{0}{0}$
Record	s of damages	Envi	ronmer	ntal Co	nditio		dminist			<del>                                     </del>		<del>                                     </del>	
Heavy rainfall		Good											
Storm		Ø	□ Ex	ternal r	oises	T	otal				3		
☐ Lightning		Ø	□ Aiı	r polluti	ion								
Other calamity						_				†			
	Institutional and Hur	nan Stat	uses					•	Traini	ng Rec	ord		
1 Budget	□ Sufficient	. □ Reas	sonable	☑ Ins	ufficie	ent	Course	_	Class	Location		iod	Trainee
2 Spares	☐ Enough	☐ Reas	sonable				-	1				1	
3 Measuring eqpt./		□ Reas	onable	☑ No	t enou	ıgh							
4 Number of Opera		☐ Reas											
5 Number of Techn		☐ Reas											
6 Capability of Ope		☑ Not											
7 Capability of Tec	hnician 🗆 Skilled	□ Not	so bad	□ No	t capa	ble		1			1		

	•	C CTC A	TICTLE	TAT CO	NANATTA	TICA	rion T	TO A TOTA	TC DAT	C A		
	Mai	o. SIA		CAL CO	WHALALOL		iblic Tel				rvice	
Years	TG	TEL	DSC	NBDP	Years	Tele	phone	TG Call	Years	Tele	phone	TG Call
1						Call	Minute		[	Call	Minute	
1996					1991				1996			
1997				1	1992				1997			
1998					1993				1998			
1999					1994				1999			
2000		3			1995				2000			
				7.	COM	MEN	TS					
uggestion												
emarks	1											

Site Name: Labuhan Lombok

Condition				
Maintenance Record			. 110	
Reference	no	ion		
Date	to	tat		
Manufacturer	le doe	oast S		
Serial No	ailab	om C		 
Type	ot Av	se fro		
Description	Data n	Response from Coast Station		
Registered No.	<u> </u>			
No				

### STATUS OF TROUBLES

SITE NAME: LABUHAN LOMBOK

LBL-114-(1/1)

Item / Equipment	Office Building & Radio SSB / -		
Manufacturer	Icom		
Manufacturer in year	1994		
Defective panel / unit	4		
	Cause doe to:		Repairing to be:
	☐ Aging		□ Immediacy
Defails of Trouble Status	☐ Lightning	Terrorist D. D. C. C. C. C. C. C. C. C. C. C. C. C. C.	☐ By next year budget
Cotains of Frontier Status	□ Corrosion	Organicy of repair	图 By next project
	☐ Lack of Spares		□ Unnecessary
	☑ Others		
General Comment for Maintenance:  - Lombok Coast Station building utilized Lombok - Since the Radio SSB stolen, Lombok Coast Stati work on band HF Referring to the geographical location of Labuha Domestic and Foreign), it is necessary to have ow safety navigation can be upgraded Referring to the point 3, East Lombok Regional-	General Comment for Maintenance:  - Lombok Coast Station building utilized Lombok Port Administration office - Since the Radio SSB stolen, Lombok Coast Station can not active communications between land station owork on band HF Referring to the geographical location of Labuhan Lombok Coast Station, recently the navigation traffic fr Domestic and Foreign), it is necessary to have own building completed with definitive radio unit, therefore safety navigation can be upgraded Referring to the point 3, East Lombok Regional-II Government has been prepare the land location for Lom	General Comment for Maintenance:  - Lombok Coast Station building utilized Lombok Port Administration office - Since the Radio SSB stolen, Lombok Coast Station can not active communications between land station or navigation mobile station/ship that work on band HF Referring to the geographical location of Labuhan Lombok Coast Station, recently the navigation traffic frequency is very busy (Local Ship, Domestic and Foreign), it is necessary to have own building completed with definitive radio unit, therefore safety navigation can be upgraded Referring to the point 3, East Lombok Regional-II Government has been prepare the land location for Lombok with the area: 1,250 MZ.	navigation mobile station/ship that luency is very busy (Local Ship, ok with the area: 1,250 M2.

# **OPERATION SCHEDULE**

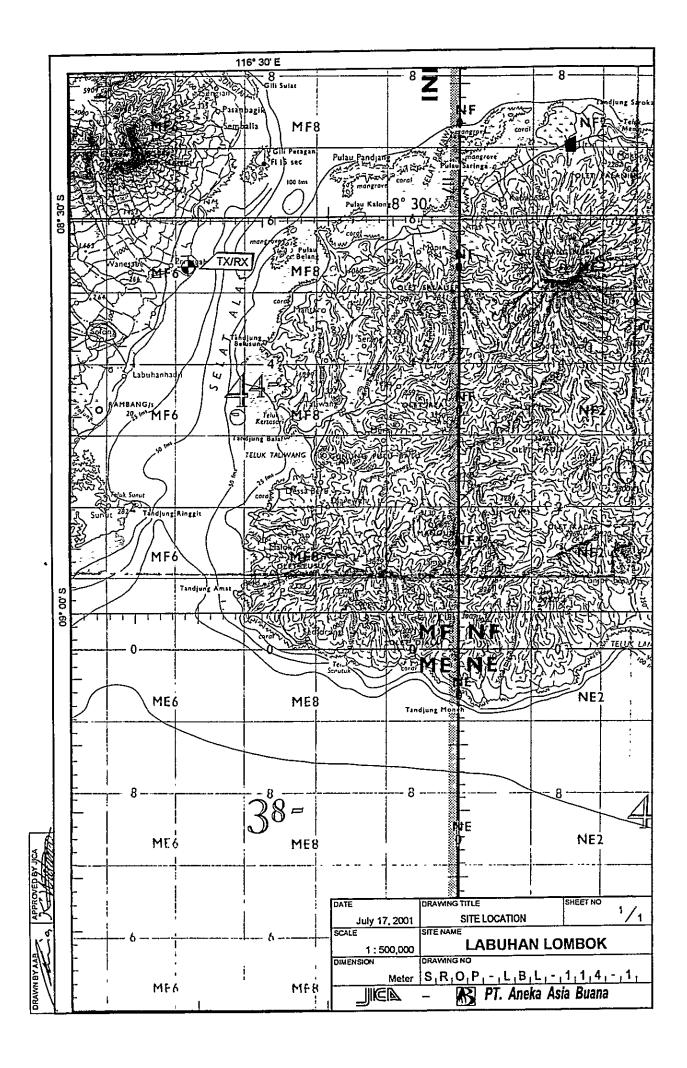
Site Name: Labuhan Lombok

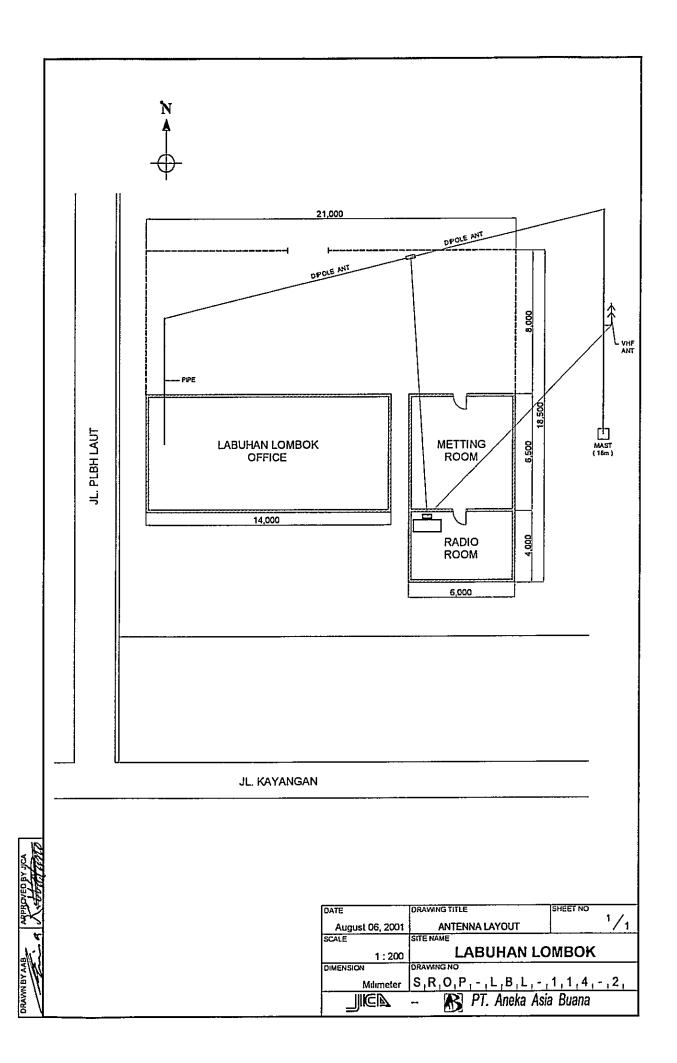
(FREQUENCIES)

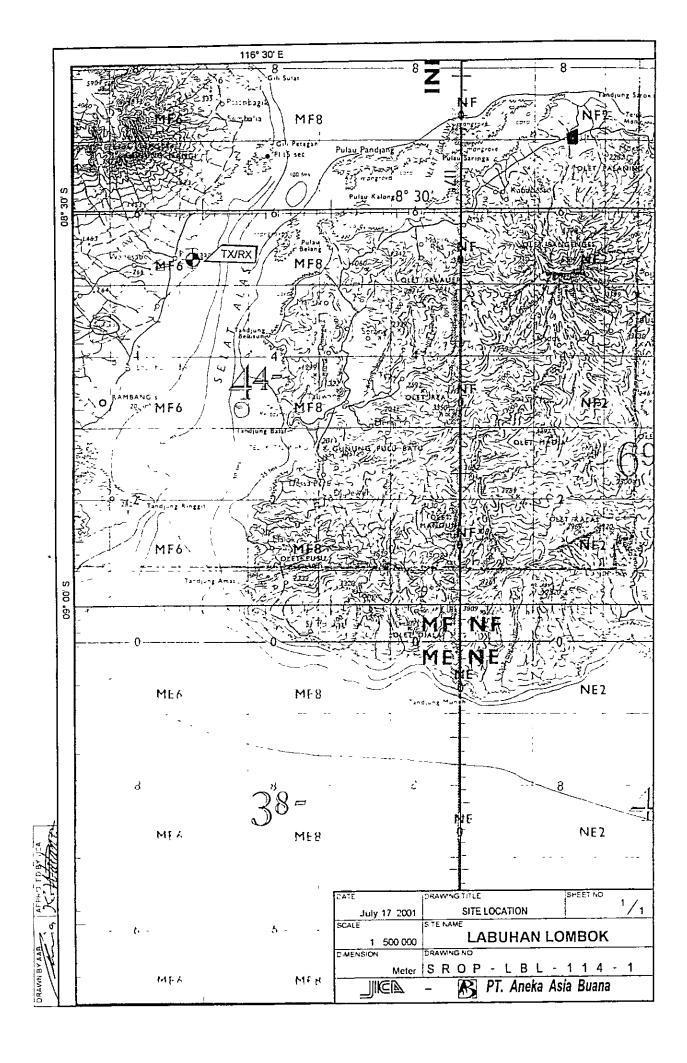
Call Sign: Mobile Service: PKD.95
Fix Service: 8AD35

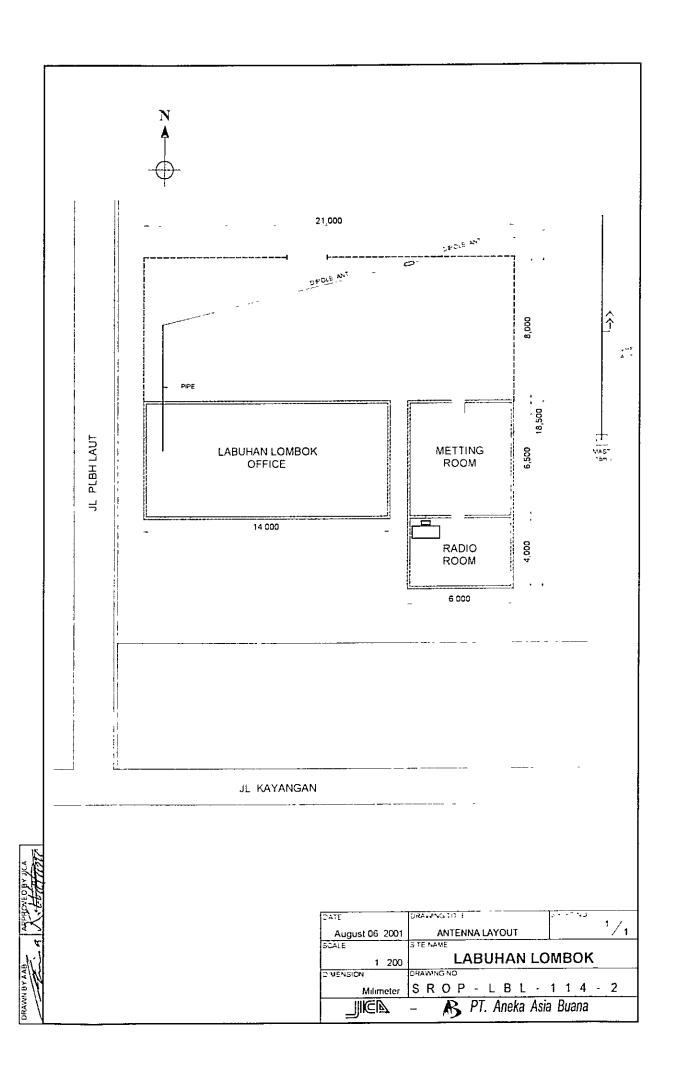
	ζ		1	CIII	
-	(kHz)	EMISSION	(w)	01 02 03 04 05 06 07 08 09 10 11 1	REMARK
	Mobile Service				
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N	6 215,0	J3E	199		
<b>m</b>	156,800,0	335	\$		
4	5 316,0	J3E	100		
្រហ	156 800,0	J3E	100		
ıω	5 316,0	JSE	100		
				To the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control of the second control	
	VHF Service				
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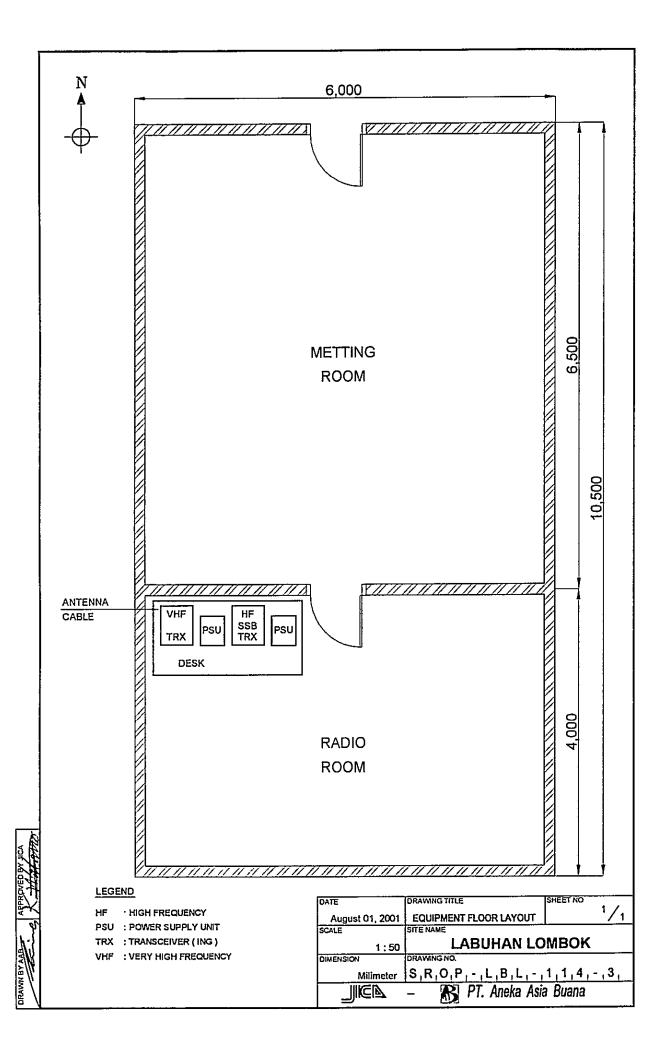
Opschedule-Labuhan Lombok

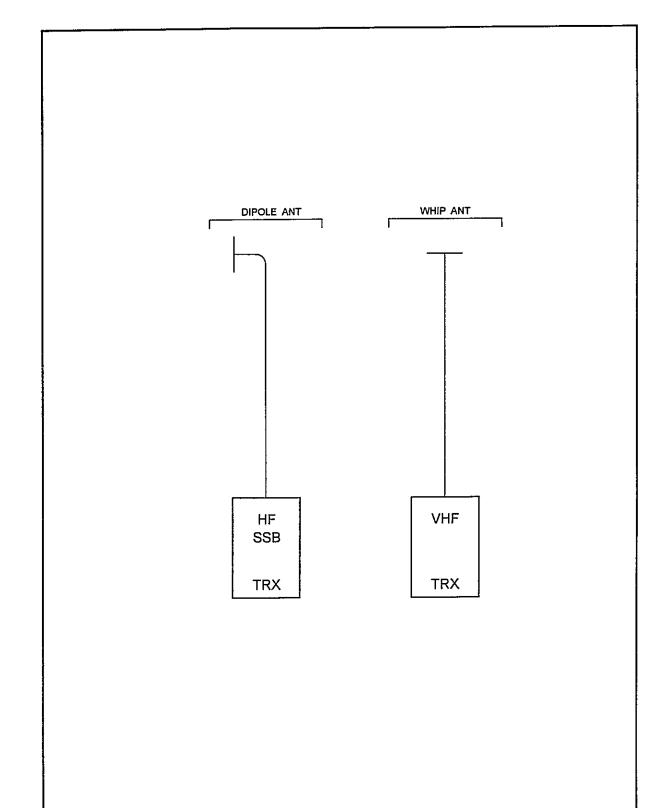












ANT : ANTENNA

TRX : TRANSCEIVER (ING )
VHF : VERY HIGH FREQUENCY

DATE	GRAWING TITLE SHEET NO
Sept 11, 2001	SYSTEM BLOCK DIAGRAM /1
SCALE	SITE NAME
No Scale	LABUHAN LOMBOK
DIMENSION	DRAWING NO
Millimeter	S,R,O,P,-,L,B,L,-,1,1,4,-,5,
	– R PT. Aneka Asia Buana



