4th-A Class Coast Station
Namlea
(Coast Station No. 200)

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- ✓ Antenna Layout
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- ☑ 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)

						<u> </u>								
SUMMARY	Y OF	COAST	ST	AT	ION			SIT		NAM				
								CL.	ASS	4ti	h-A	NO.		200
1. LOCATION Station	Add				77-1					• •				
TX/RX Jl. Pelabuha		ress		-	Tel.		-	Fax	127	Longitud	1e 12" E	03°	Lati 16	tude ' 32" S
175101 511 101101111							 		127		+Z E	03*	10	32 3
2. GENERAL	COND	ITIONS	•											-:-
	from Jal		Site	Acce	ss from P	ort	Ros	ad Traffi	ic	Accom	modat	ion	Pon	ulation
By Air to Ambon	[Takir		r.] 🗆 H		ay		□ Heav	ry		☐ Hote	1			
By Air to Namlea	[Takir		r.] 🗹 Pa				□ Medi	ium		☑ Mote	el .			
By Car to Location	ı [Takir	ng time. <u>0·30</u> i	r.] 🗆 U	npav	ed road		Z Light							•
			į				□ None	-		<u> </u>		<u></u> _		
	3. C	ONDITIO	NS O	F S	TATIC	N]	Refer t	o atta	chec	i drawin
3.1 Site Conditi	ions													
Topography			e of Soil	1				aster of s	ite	Confir	mation	ofexi	sting	g system
☑ Flat		ry soil		imes			Flood			Yes N	<u> </u>			
☐ Slope		rdinary		irave			Flood					enna		
Hill-top		wampy	□ R	ocky	,		Rain Lo	_				vers (
☐ Basin ☐ Valley	1	lay					Ground	l Subside	nce			undin		
Altitude	<u> </u>	andy 5.00	M			+	Talanh	one Line	<u> </u>			htning der Ca		
Land area		3,000					x cicpii	Lines				wate		vi ay
3.2 Buildir	o Cond					<u></u>	3 3	Power			- 0	***************************************		
	tructions			<u> </u>	PLN Sou	irce	T	E/G	50		na Po	wer f	one	itions
Num, of story	One		Voltage	_	220				v	Good Bar		1101	20111	HUUUS
Structure	Concre	te	Phase	┪		1	1		•	8 0	Pow	er Sur	ply	System
Type of roof	Zinc		Wire			2						ations		
Type of ceiling	Triplex		kVA			0.9					Oper	ations	of a	AVR
Type of wall	Brick				Quality o							fuel	for e	engine
Wall finish	Mortar		Fluctua				20 V ±			Day tanl				Liter
Flooring	Mortar				of power					Main tar				k Liter
	Area (m²)			ruption /				mes		G Stan		_	tem
Operation room E / G room			-		t. hours /				ours		ingle S	_	<u> </u>	
Remark			gviax. in	nerpi	. hours a	it one	ce i	н	ours	<u> </u>	ual Sy	stem		
4. OP	ERATI	ON AND I	MAIN'	TEN	VANCI	3		5. PI	RS	ONNE	L FO	RM	AT.	IONS
		aken in equi			re			<u> </u>			TX	/RX		
Restoration flow Examples of major failur		o Ambon to l						Chief				1_		
Sufficiency of spares	e Damag	ged by lighten	ing and	Volt	age up a	nd de	own	Operate			ļ	<u>0</u>	<u> </u>	<u> </u>
 	s of dam	0.546	F		mental	Con	1:4:	Technic Admini				0		<u> </u>
☐ Heavy rainfall	5 OI GAIII	ages	Good	_		Cone	uttions	Admin	strate	ır			├	
☐ Storm				Ø		al no	ises	Tota	1			ı	-	
☐ Lightning			<u> </u>					1					 	
Other calamity				Т										
	Institutio	nal and Hu		ituse						Trainir	ıg Rec	ord		
1 Budget		☐ Sufficient					fficient	Cours	e	Class	Locati	on Pe	riod	Trainee
2 Spares		☐ Enough	□ Re	_			enough							
3 Measuring eqpt./		□ Enough			able 🖾									
4 Number of Opera 5 Number of Techn		☐ Enough ☐ Enough			able □ able ☑				_		<u> </u>	<u> </u>		
6 Capability of Ope		☐ Skilled			bad				1					
7 Capability of Tec		☐ Skilled	☑ No				capable		\dashv			- -		

SUMM	IARV	OFC	OAST	STAT	rion	ſ		SITE	NAN	ILEA	· · · · · · · · · · · · · · · · · · ·	_
SCIVILY		Or C	UABI	DIA.		·		CLASS	41	h-A	NO.	200
		6. STA	ATISTIC	CAL CO	MMU	NICAT	TON T	RAFF	IC DAT	ΓA		-
	Ma	ritime Sa					blic Te				rvice	
Years	TG	TEL	DSC	NBDP	Years	Tele	phone	TG Call	Years	Tele	phone	TG Call
					<u> </u>	Call	Minute			Call	Minute	
1996					1991				1996			
1997					1992				1997			
1998					1993				1998			
1999					1994		İ		1999			
2000					1995				2000			
	 -			7.	COM	MEN:	rs					
Suggestion	Maluku (7. COMMENTS aritime Telecommunication is very important in Maluku, because aluku contents of Islands which separated by Ocean, and 90% of Maluku area is Ocean ansportation between Islands by using ships, Maritime Telecommunications used as ships navigation monitoring										
Remarks												

INVENTORY

Site Name: Namlea

NML-200- (1 / 1)

Condition	Damaged	Good Good Damaged	
	Δ	Δ	
Maintenance Record			
Mair	[
ence	<u> </u>		
Reference			
Date			
Manufacturer	Furuno		
Manı	[1.		
Serial No			
Seri		444,448	
Type			
T	NS-11A		
	_	nt T	
ion		Power Supply Equipment Power Adaptor & UPS Power Supply Unit Battery Charger Battery	
Description	pment m er	oly Equater of Section of the Unit	
De	Radio Equipment MF/HF System SSB Transceiver	r Supp Adapte Supply ¹ Charge	
	Radio Equipm MF/HF System SSB Transceiver	Power Supply Equipr Power Adaptor & UPS Power Supply Unit Battery Charger Battery	
Registered No.			
gister			
	.		
No	1 1-1	2 2-1 1 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	

STATUS OF TROUBLES

SITE NAME: NAMLEA

NML-200-(1/1)

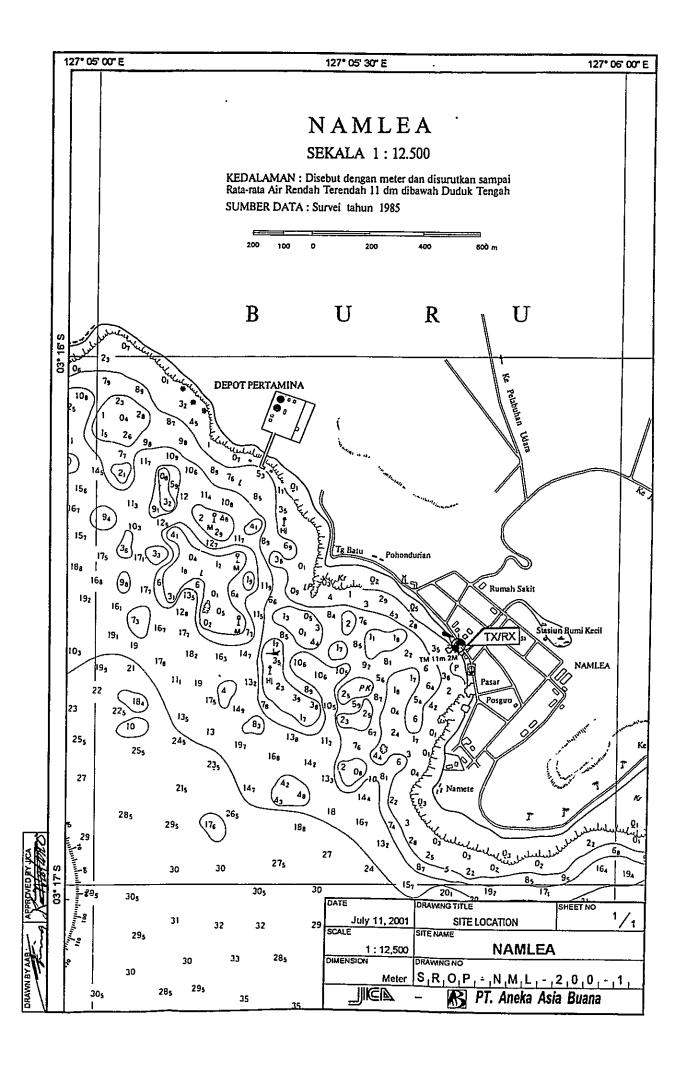
Item / Equipment	SSB Transceiver / Figure NG-11A		
	VIII-ON OUR IN INCOME.		
Manufacturer	Furuno		
Manufacturer in year			
Defective panel / unit	Tube Lamp		
	Cause doe to:		Repairing to be:
	☑ Aging		☑ Immediacy
Details of Trouble Status	☐ Lightning	[Irranon of Dancie	☐ By next year budget
	□ Corrosion	Organicy of Nepali	☐ By next project
	☑ Lack of Spares		☐ Unnecessary
	□ Others		
General Comment for Maintenance:	ail		
	ı		

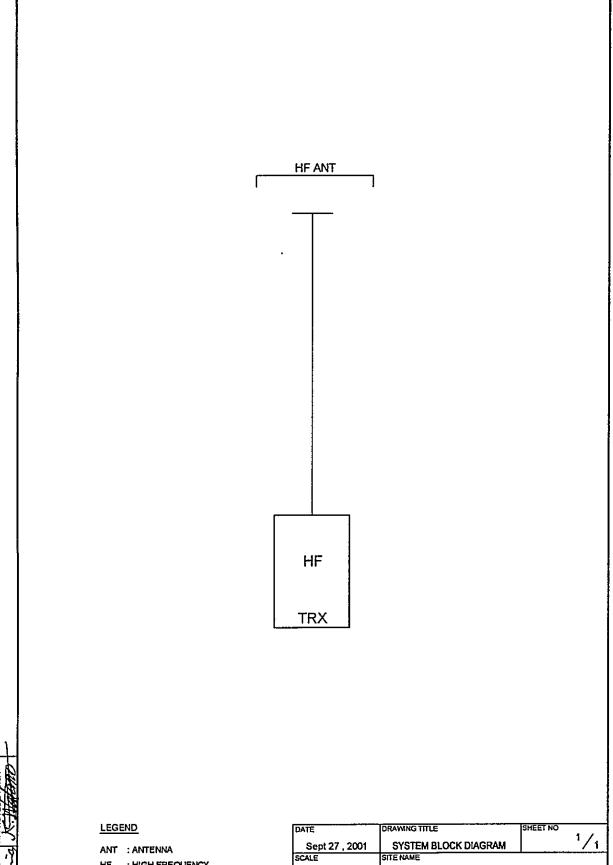
NML-200-(1/1)

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

Site Name: Namlea

L	ERECHENCY		DOWED		
	(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 R	REMARK
	Fix Service				
1	6 926,0	J3E	150		
2	9 925,0	350	150		
9	9 9 10,0	JSE	150	┪ー	
4					
ហ					
9					
~			ĺ		
8					
6					
10					
11					
12					
9					
14					
2					
16					
17					
18					
19					
20				-	
21		,			
2					•
23					
24					
25					
8					
27					

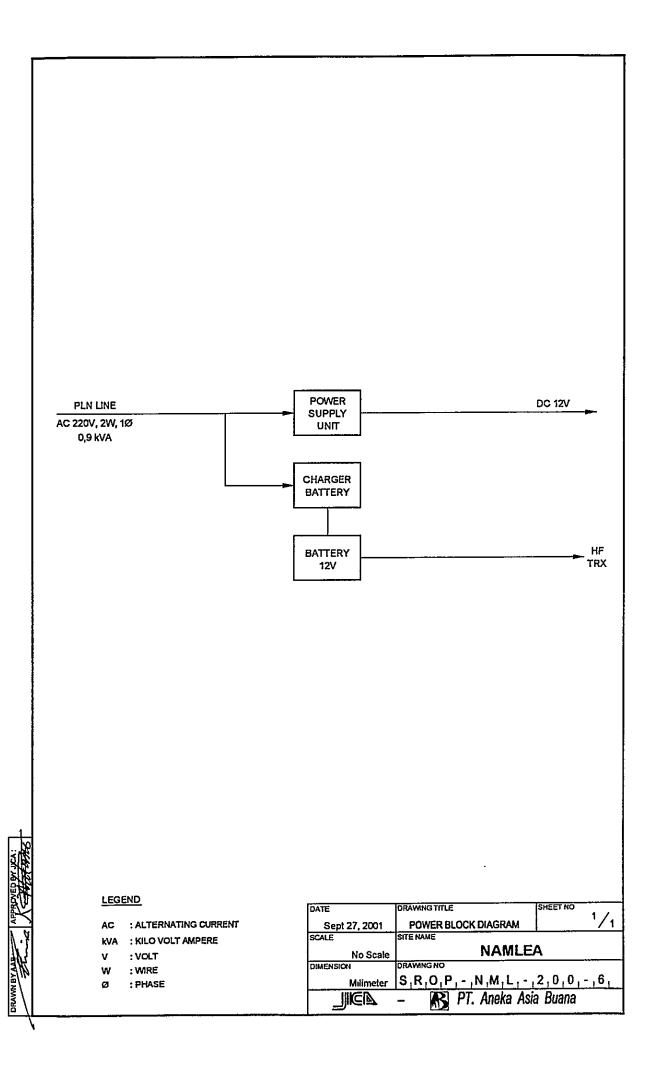




HF : HIGH FREQUENCY

TRX : TRANSCEIVER

DATE	DRAWING TITLE	SHEET NO
Sept 27 , 2001	SYSTEM BLOCK DIAGRAM	'/1
SCALE	SITE NAME	
No Scale	NAMLE	4
DIMENSION	DRAWING NO.	
Milimeter	S,R,O,P,-,N,M,L,-,	2,0,0,-,5,
	 PT. Aneka Asia 	a Buana



4th-A Class Coast Station

Sanana

(Coast Station No. 201)

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
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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

SUMMAR	V OE	COAST	r CT.	A TI	INC			SIT		SAN				,
SUMMAR	ı Or	COAS	1 317	711/	714			CLA	SS	4t	h-A	NO	<u> </u>	201
1. LOCATION	V													
Station	Add	iress		7	ſel.		F	ax	I	.ongitu	de		Lati	tude
TX/RX Jl. Fogi				929-	21497				125°	58'	02" E	02°	03	" 02" S
2. GENERAL	CONT	PITTONS	•											
	from Ja		Site	Arress f	rom Po	et K	200d	Traffic	<u> </u>	Accon	modat	on	Por	ulation
By Air to Ambon			hr.] H		10111 2 0	□ He				☐ Hote		-	101	diation
By Air to Sanana			hr.] 🗹 Pa			ОМ				☑ Mot		t		
By Car to Location			hr.] U		road	☑ Li				17701				
by car to zwado.	tt (Inc.	mg unio. 970		прачес	roau									
	2		<u> </u>	0.000	MYAY	•		-			Dofor		<u></u>	d drawin
		CONDITIO	DNS U	SIA	VIIO	N					Keier	o atta	спес	ı drawın
3.1 Site Condit	ions													
Topography			e of Soil					ster of si	te			ofex	isting	g system
☑ Flat	,	Dry soil		imestor		□ Floo					No			
☐ Slope	3	Ordinary		ravel	,	□ Floo						enna		
☐ Hill-top		Swampy		ocky.	15	□ Rain		_				vers (<u> </u>	
☐ Basin		Clay	D D	ry-soil	[☐ Gro	and S	Subside	nce		☐ Gro		_	
☐ Valley		Sandy									□ Lig			
Altitude		5.00						ne Line						Way
Land area		20,000	m²			<u> </u>	1	Lines			2 City	wate	er	
3.2 Buildir	ng Con	ditions				3	3.3	Power	Sou	ırce				
Cons	truction	S		PL	N Sour	ce		E/G		Exist	ing Po	wer (Conc	ditions
Num. of story	One		Voltag	е	220 V	7	22	20/380	V	Good Ba	ıd			
Structure	Concre	ete	Phase			1			1					System
Type of roof	Zinc		Wire			2			4		l Oper			
Type of ceiling	Triple	ζ	kVA		0.:	5		10	0		Oper			
Type of wali	Brick		<u> </u>		ality of							fuel	for c	engine
Wail finish	Morta	٢	Fluctua		<u> </u>	220 V	<u> </u>			Day tan				Liter
Flooring	Tile				power j			24 H	ours	Main ta				k Liter
Room	Area (m	· ²)			tion/m			Ti	mes		G Stan			tem
Operation room		26.00			ours /m				ours		Single S			
E/G room		20.00	Max, ir	terpt, h	ours at	once	<u>i </u>	Ho	ours		Dual Sy	/stem		
Remark														
														J
4. OP	ERAT	ION AND	MAIN'	TENA	NCE			5. PE	RS	ONNE	L FO	RM	AT	IONS
		taken in equ					一				TX	/RX	\top	
Restoration flow		to Ambon to					7	Chief				1		
Examples of major failu		nna/Amplifier			•			Operato	r (sk	illed)		0		0
Sufficiency of spares								Technic				0		0
Record	s of dan	nages	Env	/ironm	ental C	onditio	ns	Adminis	trato	Г				
☐ Heavy rainfall			Good	Bad									T	
☐ Storm			<u>a</u>		xternal	noises	7	Total				1		
☑ Lightning	Antena C	Coupler	Ø	□ A	ir pollu	tion			_					
Other calamity													\prod	
	Instituti	ional and Hu	man Sta	tuses						Traini	ng Rec	ord		
1 Budget		☐ Sufficien	ıt 🔲 Re	asonabl	e 🗹 In	sufficie	nt	Course	<u>: </u>	Class	Locati	on Pe	riod	Trainee
2 Spares	•	☐ Enough	☐ Re	asonabl	e 🗹 N	ot enou	gh					_ _		
3 Measuring eqpt.		☐ Enough			e 🖾 N			······································						
4 Number of Oper		☐ Enough			e 🗆 N		~				<u> </u>	丄		
5 Number of Tech		☐ Enough			e 🗆 N						<u> </u>			
6 Capability of Op		☐ Skilled			א 🗆 ו				_ _		ļ	_		
7 Capability of Tec	chnician	☐ Skilled	☑ No	t so bac	i 🗆 N	ot capa	ble							

SUMM	ARV	OFC	O A ST	STAT	rion.	7		SITE	SAN			
3011111		OF C	UASI	SIA.	LIOI	!		CLASS	5 41	h-A	NO.	201
		6. STA	TISTIC	CAL CO	MMU	VICA'	TION T	RAFF	IC DAT	ΓA		
	Mai	ritime Sa	fety			Pı	ıblic Tel	lecomr	nunicat	ion Se	rvice	
Years	TG	TEL	DSC	NBDP	Years	Tele	phone	TG Cali	Years	Tele	phone	TG Call
				1.		Call	Minute] [Call	Minute	
1996					1991				1996			
1997					1992				1997			
1998					1993				1998			
1999					1994		İ		1999	•		
2000				i	1995				2000			
				7.	COM	MEN	TS				<u> </u>	
Suggestion	Maluku	Telecommiconsits of Isl	lands which	s very impor	rtant in M y Ocean,	aluku, b and 90%	ecause: of Maluki			vigation 1	nonitoring	
Remarks												

No	Registered No.	Description	Туре	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition	
		Radio Equipment								
11.		MF/HF System							-	
1-1-1		SSD Badia Talanta			1	;			 ,	
1-1-2		MF/HF Operation Console		5320078	Furuno	1980			Damaged	
_		MF/HF Console	RH-16-3	013	Sailor	1996	F-TA-193: PH3		Good	
7		MF/HF Equipment								
		600 W MF/HF Transmitter	T2131	517357	Sailor	1996	F-TA-193; PH3		Good	
		600 W MF/HF Transmitter	T2131	517368	Sailor	1996	F-TA-193; PH3		Good	•
		AC Power Supply	N2171	\$20998	Sailor	9661	F-TA-193; PH3		Good	
		AC Power Supply	N2171	521003	Sailor	1996	F-TA-193: PH3		Good	
		Antenna Coupler	AT2112	514433	Sailor	1996	F-TA-193: PH3		Damaged	
		Antenna Coupler	AT2112	514434	Sailor	1996	F-TA-193: PH3		Good	
		CW Unit	H2185	522727	Sailor	1996	F-TA-193: PH3		Good	
•		CW Unit	H2185	522728	Sailor	1996	F-TA-193: PH3		PooD	
· ·		All Wave Receiver			-					
		Control Unit HF1	RE2100	516640	Sailor	1996	F-TA-193: PH3		Good	
		Control Unit HF2	RE2100	521654	Sailor	9661	F-TA-193: PH3		Good	
		Duplex Receiver	R2120T	518079	Sailor	1996	F-TA-193: PH3		Good	
		Duplex Receiver	R2120T	518076	Sailor	9661	F-TA-193: PH3		Good	
		Loudspeaker	H2054		Sailor	1996	F-TA-193: PH3		Good	
		Loudspeaker	H2054		Sailor	1996	F-TA-193; PH3		Good	
4		Spot Receiver								
	,	MF/HF DSC W/K RX	RM2150	523157	Sailor	1996	F-TA-193: PH3		Good	
•		Power Supply	N2165	522779	Sailor	9661	F-TA-193; PH3		Good	
'n		Terminal Unit (DSC VHF/HF)				···			!	
		DSC System	TT-6200A		Sailor	1996	F-TA-193: PH3		Good	
		LANIO	11-101064		Sailor	1996	F-TA-193: PH3		Good	
		Chu	11-101065 TT-101051		Sailor	1996	F-TA-193 PH3		Good	
		,	177771		SAIIOI	222	r-1A-195; PH5		Good	

Site Name: Sanana INVENTORY

SNN-201- (2 / 5)

								Maintenance	
No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Record	Condition
		CPU I/O	TT-10123		Sailor	9661	F-TA-193: PH3		Good
		Paralel	TT-101190		Sailor	1996	F-TA-193: PH3		Good
		Paralel I/O	TT-101217		Sailor	1996	F-TA-193: PH3		Good
		VHF Modem	TT-102239		Sailor	1996	F-TA-193: PH3		Good
		HF Modem	TT-1022337		Sailor	1996	F-TA-193: PH3		Good
		Modem I/O (2)	TT-102238		Sailor	1996	F-TA-193: PH3		Good
		Modem I/O	TT-102238		Sailor	1996	F-TA-193; PH3		Good
	•	Alarm I/O	TT-101242		Sailor	9661	F-TA-193: PH3		Good
		Power Supply	TT-101122		Sailor	1996	F-TA-193: PH3		Good
		Power Input	TT-101241		Sailor	1996	F-TA-193: PH3		Good
		DSC Op Position Term/PC	;						
		1) Personal Computer	Proline 466	3503115	Compad	1996	F-TA-193: PH3		Good
		2) Monitor	140	532AF05CA860	Compaq	1996	F-TA-193: PH3		Good
		Frinter (H-1252A)	TT-1608C	5BAP3190006	Sailor	9661	F-TA-193: PH3		Good
		Monitor Display	TT-3602B	9603550	Sailor	1996	F-TA-193: PH3		Good
,	•	DSC Alarm	TT-1542B	9603527	Sailor	9661	F-TA-193: PH3		Good
9		Signal Control Panel							
		Audio/Digital Matrix	MTX-1616	133	Sailor	1996	F-TA-193: PH3	. 10	Good
		Keyer	KK-1	368	Sailor	9661	F-TA-193: PH3		Good
		Loudspeaker	H2054		Sailor	9661	F-TA-193: PH3		Good
		Loudspeaker	H2054		Sailor	9661	F-TA-193: PH3	•	Good
7		Telephone Repeater (Phone Patch)							3
ď	-	Radio/Tel I/F Unit	RTU-282	178	Sailor	1996	F-TA-193: PH3		Good
×	•	AKQ Equipment			i				•
		Kadiotelex Modem	TT-1585E	9603510	Sailor	1996	F-TA-193: PH3		Good
		ANG Ney Dould	11-1001 A	9603540	Sailor	32	F-TA-193; PH3		Good
		Printer (H1252A)	TT-1680C	5CAP3193321R	Sailor	1996	F-TA-193; PH3		Good
		I elex Alarm	TT-1542B	9603528	Sailor	1996	F-TA-193: PH3		Good
1-2		VHF System			•	_			
 ('	Operation Console	RH-16-1	013	Sailor	9661	F-TA-193; PH3		Good
٧		Muttichannet VHF Transceiver VHF Transceiver	RT 2048	102505	Sailor	7001	E-TA-103: DH2		7
				17100	Canol	2//1	1-10-123. [113		0005

SNN-201- (3 / 5)

								Maintenance	
ž	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Record	Condition
		VHF Transceiver	RT 2048	523737	Sailor	9661	F-TA-193: PH3		Good
		VHF Transceiver	RT 2048	523732	Sailor	1996	F-TA-193: PH3		Good
		VHF Transceiver	RT 2048	523729	Sailor	1996	F-TA-193: PH3		Good
•		Linier Power Ampliffer	A2080BE-H	275	Sailor	1996	F-TA-193: PH3		Good
		Linier Power Ampliffer	A2080BE-H	291	Sailor	1996	F-TA-193: PH3		Good
		Linier Power Ampliffer	A2080BE-H	225	Sailor	1996	F-TA-193: PH3		Good
		Linier Power Amplifier	A2080BE-H	571	Sailor	1996	F-TA-193: PH3		Good
		Duplex Filter		594146	Sailor	9661	F-TA-193: PH3		Good
7		Duplex Filter CH-70 VHF T/R		594147	Sailor	1996	F-TA-193: PH3		Good
		VHF Transceiver	RT2048	523707	Sailor	1996	F.TA-193. PH3		Cond
_		High Low I/F Unit (2)			Sailor	9661	F-TA-193: PH3		Doop to
		RF Power Amplifier	A2080BE-H	287	Sailor	9661	F-TA-193: PH3		Good
		AC Power Supply	N163S	\$16307	Sailor	9661	F-TA-193; PH3		Good
		DC Power Supply	N420	N42007	Sailor	9661	F-TA-193; PH3		Good
		AC Power Supply	PSF-1	TWR/12770/037	Sailor	9661	F-TA-193: PH3		Good
cc		Term.Equipt. (DSC VHF/HF)							
		Audio/Digital Matrix	MTX-1616	144	Sailor	1996	F-TA-193: PH3		Good
4		Telephone Repeater)))
		Radio/Tel I/F Unit	RTU-280	192	Sailor	9661	F-TA-193: PH3		Good
2		Tower & Antenna System							
2-1		Tower & Mast							
-		18mH Antenna Tower							Location
7		30mH Self Supporting Structure	AT30SS		Sailor	9661	F-TA-193: PH3		Good
ო		Lightning Protector			Sailor	1996	F-TA-193: PH3		5000
4		Grounding			Sailor	1996	F-TA-193 PH3		7000
2-2		Antenna System							2000
-		Inverted L Antenna TX (2)	HF7		Sailor	1996	F-TA-193; PH3		Good
7		D/D Antenna (1)	E-22		Sailor	9661	F-TA-193; PH3		Good
m		VHF Antenna (3)	VHF 3		Sailor	1996	F-TA-193, PH3		Good
2-3		Antenna Selector							3
-		Antenna Distributor	AAD10/1/A-11-6G	001013	Sailor	9661	F-TA-193 PH3		Good

Site Name: Sanana INVENTORY

SNN-201- (4 / 5)

Š	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
3		Power Sunnly Equipment							
3-1		Power Distribution Board				1996	F-TA-193. PH3		7000
7		10 kVA Control Panel (AMF)	PL 95-7s	9206		1996	F-TA-193: PH3		90g 200g
3-2		Isolation Transformer	18T 10B3	0511		1006	E TA 103. DITS		
3-3		Step-Up Transformer		3		0661	F-1A-193; FEIS		D005
		9.9kVA, 4W, 3P	STU 10P3	9505		1996	F-TA-193: PH3		Damaged
5-5 1		OPS & AVR AVR · 7.5kVA, 4W, 3P	AVR7P3	1156		1996	F-TA-193: PH3		Good
0 m		Charger Battery 12V-200AH	SM-245D		Xoha				Damaged
.		Battery 12V-100AH			GS GS				Damaged
3-4 1		Engine Generator 10 kVA E/G Single Standby System				1996	F-TA-193 PH3		boot
		Engine	EG 10 RA	9206	Kubota	1996	F-TA-193: PH3		Good
		Generator E/G Panel	V-1505E BC1-164-D	664661 9508	St.Ford	1996 1996	F-TA-193: PH3 F-TA-193: PH3		900 G
7		Fuel System							3
		Starting, Fuel, Exhaust System Firel Control Unit				1996	F-TA-193: PH3		Good
		100 L Fuel Day Tank				1996	F-TA-193: PH3		8 8
		1000 L Fuel Storage Tank				1996	F-TA-193. PH3		Good
4		Measuring Equipment							
-		Analog Oscilloscope Probe/Lead (2)	PM3065	DM639010	Sailor	9661	F-TA-193: PH3		Good
		Power Cable (1) Black Cover (1)							
		Operation Manual							
ი თ		Multimeter Multimeter	Fluke 87 Fluke 88	64510710	Sailor Sailor	1996 1996	F-TA-193: PH3 F-TA-193: PH4		Good

Site Name: Sanana

INVENTORY

SNN-201- (5 / 5)

								Maintenance	
ž	Registered No.		Type	Serial No	Manufacturer	Date	Reference	Record	Condition
4		Multimeter	Fluke 89	64510750	Sailor	1996	F-TA-193: PH5		Good
		Test Lead Set (3x1)				_			
		Hoester House Yellow (3x1)							
		User Manual (3x2)							
\$		Insulation Tester	2406A	65WA1530	Sailor	9661	F-TA-193: PH3		Good
		Line Plobe (1)							3
		Earth Plobe (1)							
		Carrying Case x1)		•					
		Instruction Manual (1)							
9		RF Coaxial Load Resistor	8201RF	17097	Sailor	1996	F-TA-193 PH3		, Poor
7		RF Coaxial Load Resistor	8201RF	17071	Sailor	1996	F-TA-193: PH3		900
		Connection Cable (1)				2			7000
		Others							
-		Telephone set with call timer (2)			Sailor	1996	F-TA-193: PH3		Good
7		Headset (2)	DM 811		Sailor	9661	F-TA-193 PH3		200
м		Hand set (6)			Sailor	1996	F-TA-193 PH3		700
4		Desk Microphone (2)	DM 6500		Sailor	1996	F-TA-193: PH3		Good
2		Quartz Clock			Sailor	1996	F-TA-193: PH3		- Pool
9		Services Engineers Kit	RS 541-365		Sailor	1996	F-TA-193; PH3		Good
7		Mouse			Sailor	1996	F-TA-193: PH3		Good
∞		Chair			Sailor	9661	F-TA-193; PH3		Good

STATUS OF TROUBLES

SITE NAME: SANANA

SNN-201-(1/1)

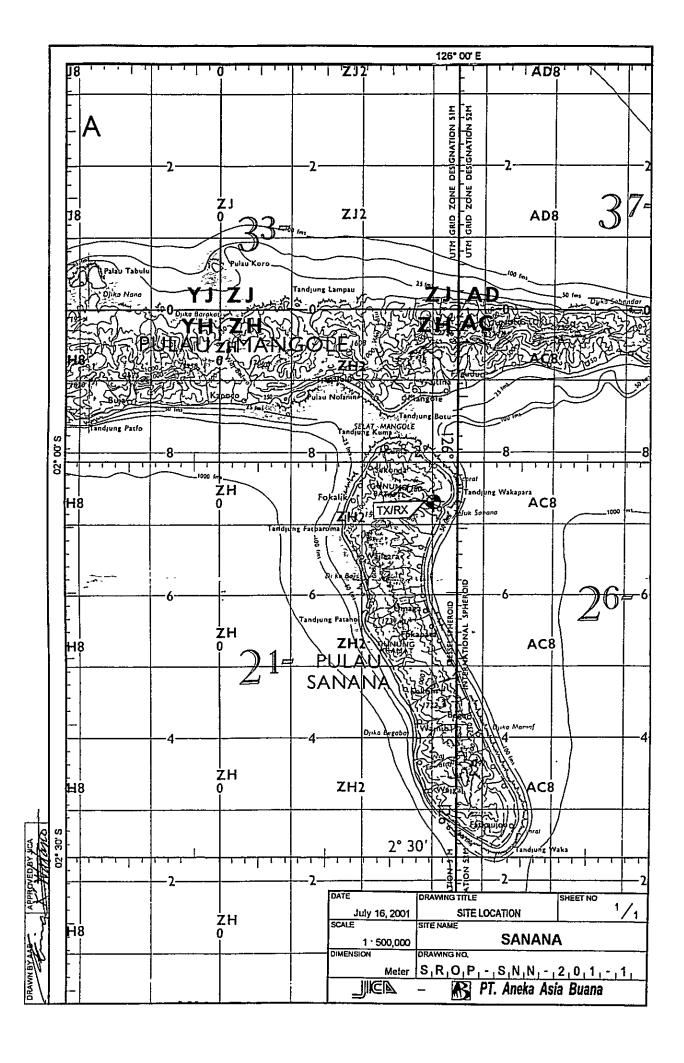
Item / Equipment	Antenna Coupler / AT-2112		
Manufacturer	Sailor		
Manufacturer in year	1995		
Defective panel / unit			
	Cause doe to:		Repairing to be:
	☐ Aging		区 Immediacy
Details of Trouble Status	☑ Lightning	I Irranga of Domeia	☐ By next year budget
Cotains of 110dole States	□ Corrosion	Organicy of repair	☐ By next project
	区 Lack of Spares		□ Unnecessary
	☐ Others		
General Comment for Maintenance:	in sil		
•			

OPERATION SCHEDULE

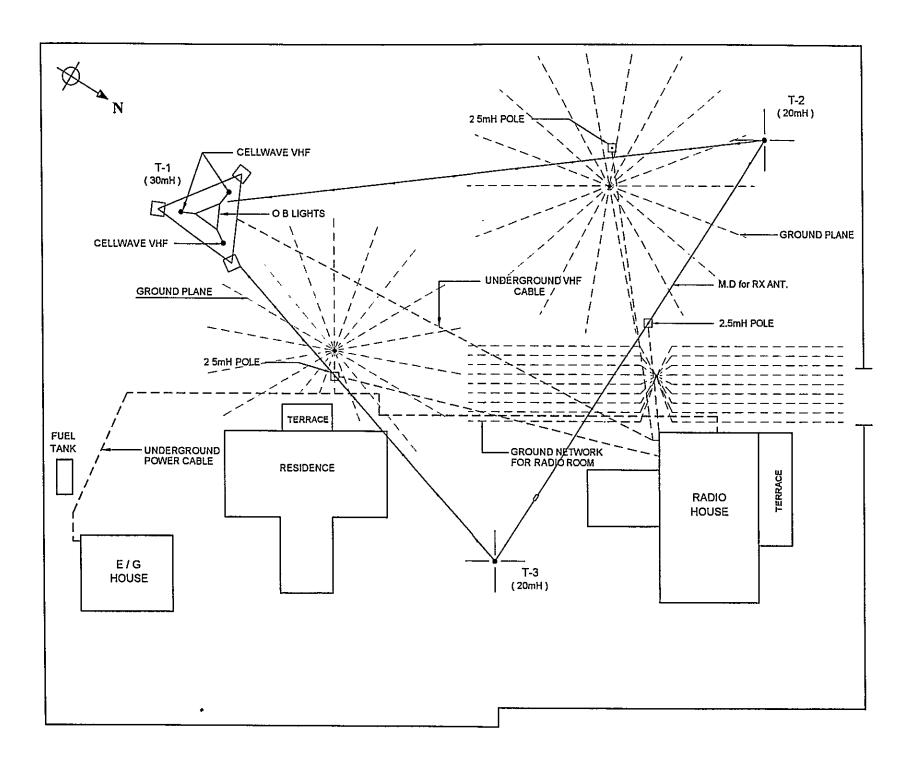
Site Name: Sanana

(FREQUENCIES)
Call Sign: Mobile Service: PKE.37
Fix Service:

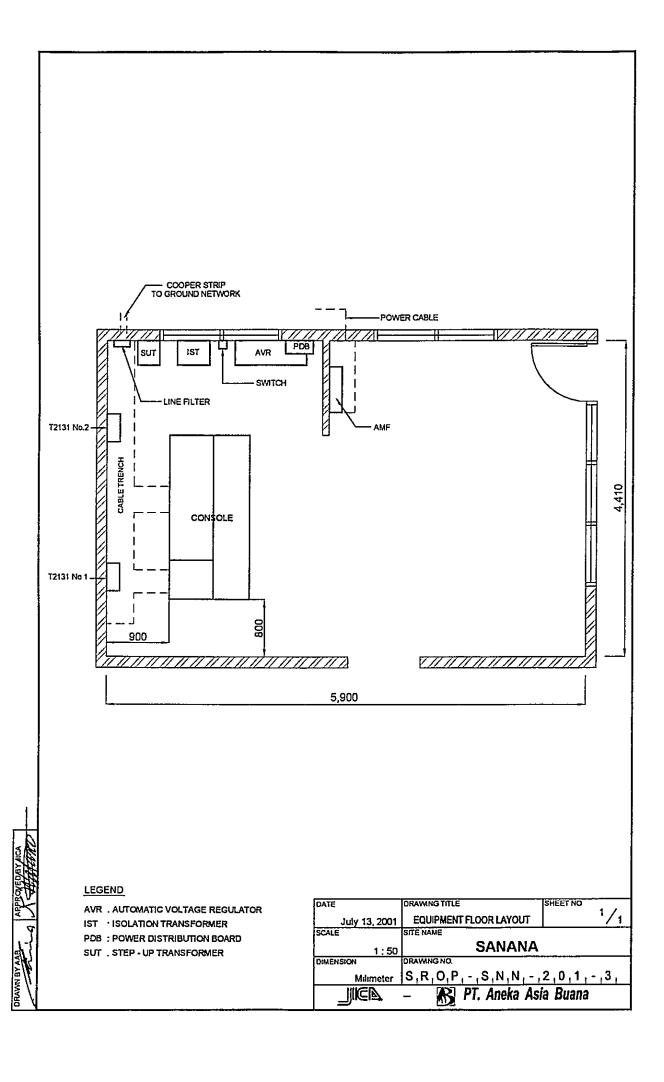
Σ	(KHz)	EMISSION	(%)	ç
−∥≗	1	-		07 03 04 05 06 07 08 09 40 41 42 43 44 45 46 47 49 49 50 54 55 54
Š				
	Mobile Service			
-	2.174,5	F1B	500	
7	2 182,0	J3E	200	
9	6 215,0	J3E	200	
4	2.187,5	F1B	200	
_	VHF Service			
၁	Channet-16	G3E	50	
9	Channel-70	G3E	50	
	Fix Service			
7	6.926,0	J3E	909	
8	3 516,0	355	909	
6	9 925,0	J3E	900	
으	10 225,0	J3E	009	
17				
12				
<u>5</u>	1			
4				
13				
16				
	1	1		
<u>8</u>	! !			
6	;			
 유	; ;			
21				
22				
23				



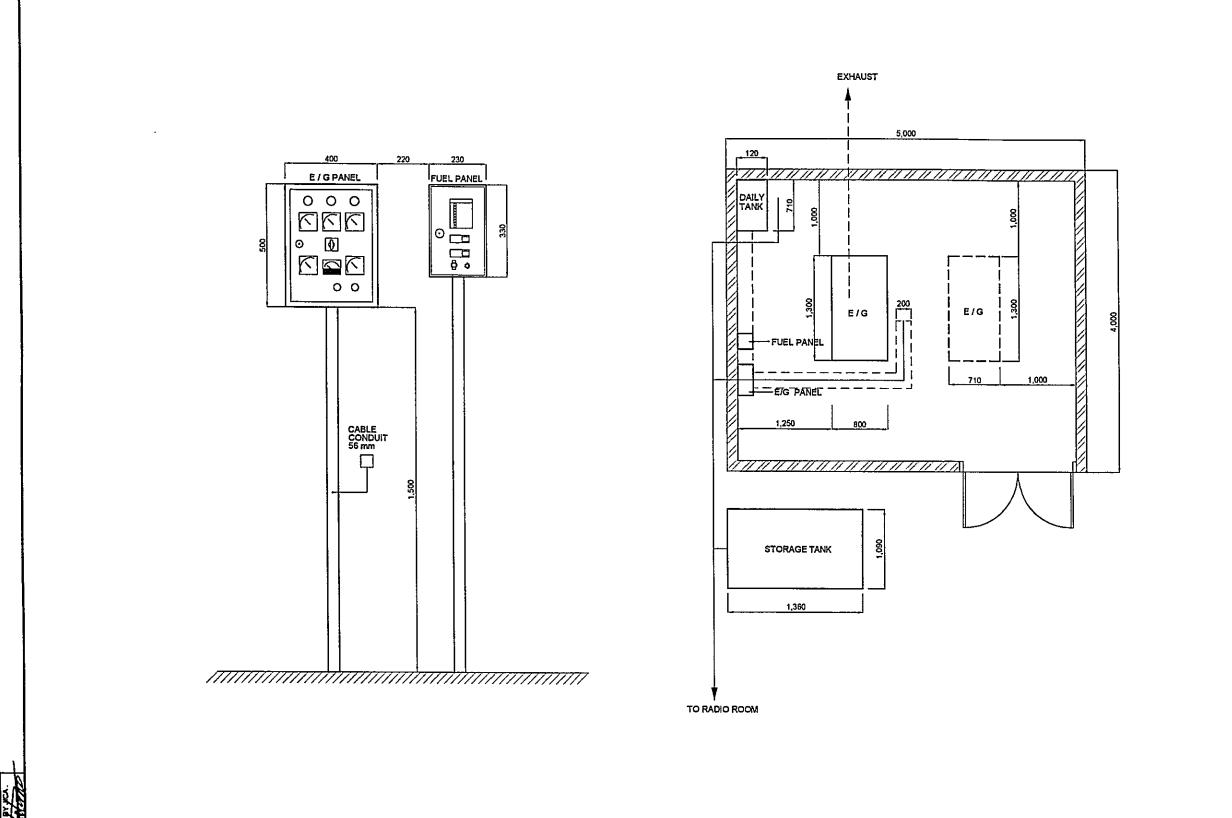
-		



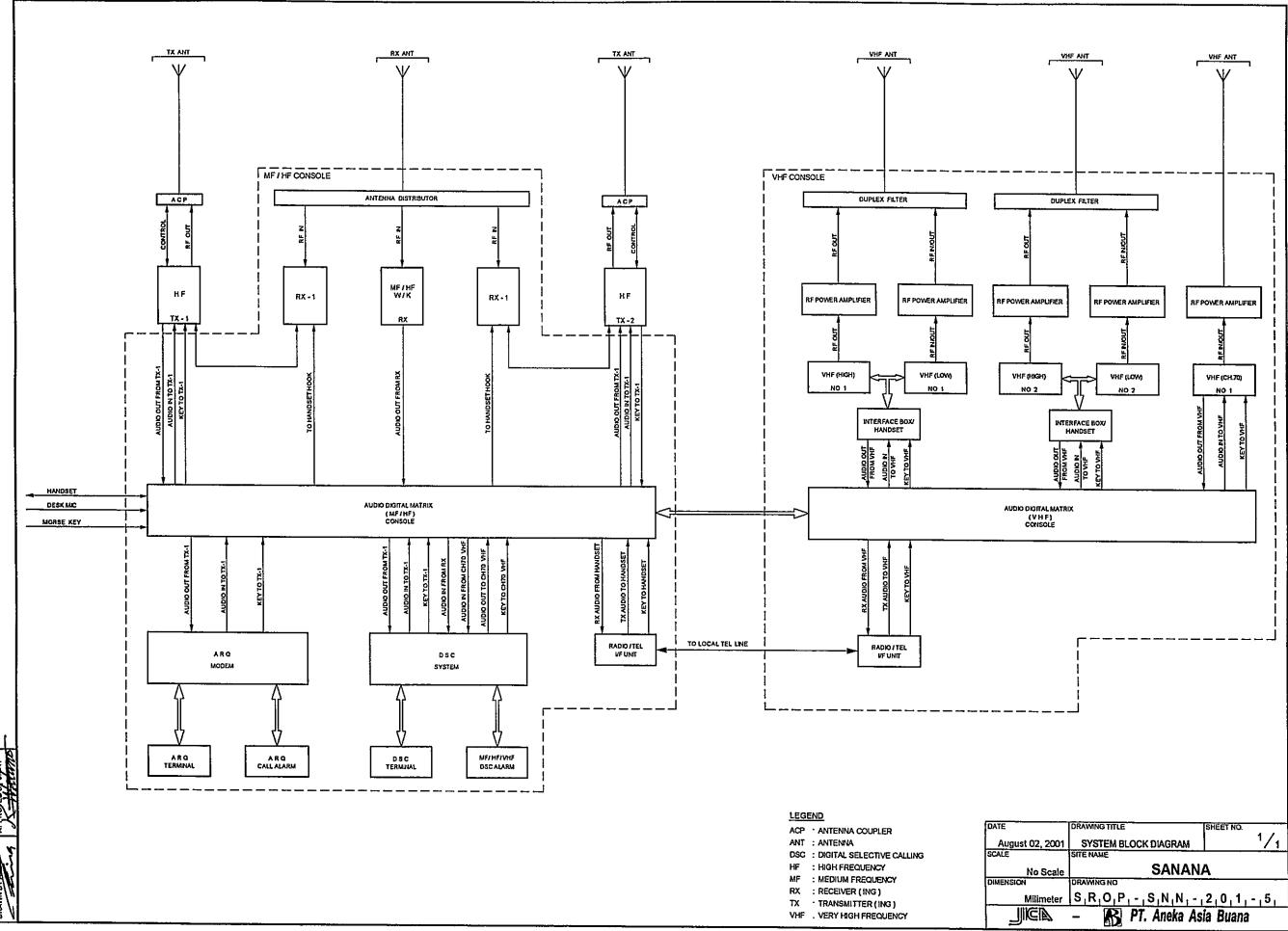
DATE	DRAWING TITLE	SHEET NO
July 13, 2001	ANTENNA LAYOUT	'/1
SCALE	SITE NAME	
1:200	SANANA	
DIMENSION	DRAWING NO	
Milimeter	S.R.O.P S.N.N	2,0,1,-,2
	- PT. Aneka As	ia Buana



		·		
-				
	-			

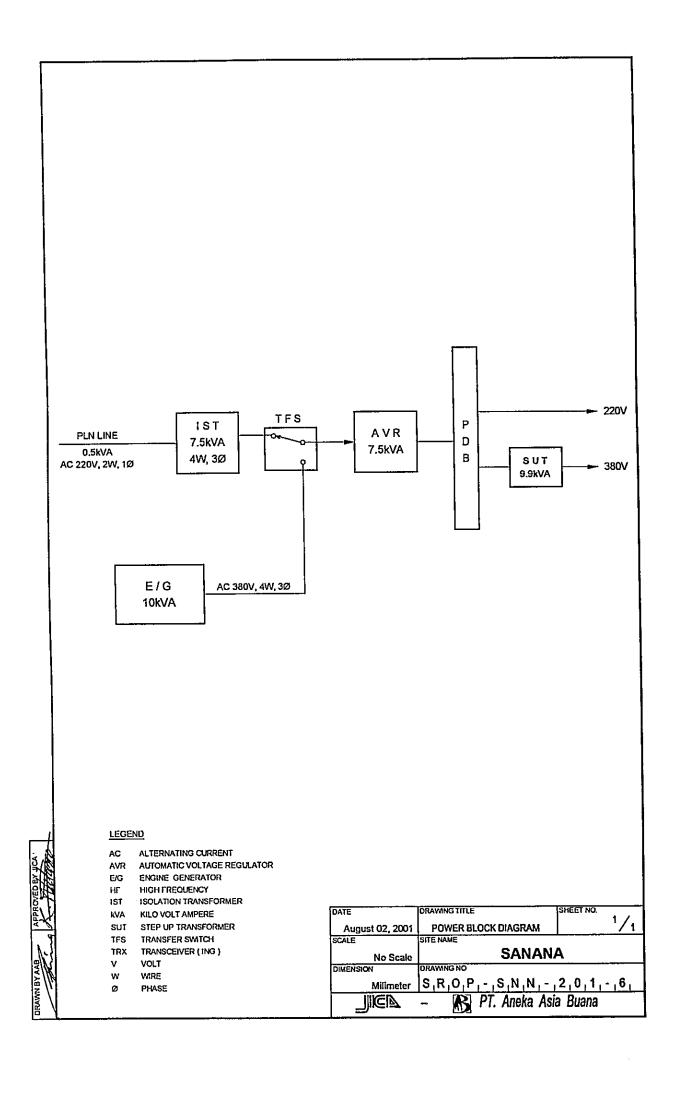


DATE	DRAWING TITLE	SHEET NO
July 13, 2001	E/G FLOOR LAYOUT	1/1
SCALE	SITE NAME	<u> </u>
1:50	SANANA	•
DIMENSION	DRAWING NO.	
Milimeter	S.R.O.P S.N.N	121011-14
	- R PT. Aneka As	sia Buana



•

APPROVE



4th-B Class Coast Station

Jailolo

(Coast Station No. 202)

Table of Content

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

TRX Drawings:

- ☑ Site Location
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- ☑ 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)

			·		·	1		1				
SUMMAR	Y OF COAST	[STA	TION			SIT		JAIL		- KTO		
				=		CLA	155	4tl	h-B	NO.		202
1. LOCATIO	Address	<u> </u>	Tel.					<u> </u>		, ;		
TX/RX	Address		1 61.		Fa	K.	129°	ongitue	de 10" E	01°	atit 09	ude 22" S
IMICA		-					129	45	10" E	1 01,	09	22" 3
CENEDAL	COMPTETONO									1		
	CONDITIONS	les. A								- 1		
	from Jakarta		ccess from P		Road 7	i rafli		Accom		tion	Pop	ulation
By Air to Ambor By Ship to Jailolo		hr.]□ Hig hr.]☑ Pav			Heavy Medium		_	☐ Hote				
By Car to Locate		$-\!\!-\!\!-$	paved road		<u>vieuluin</u> Light			☑ Mote	31	+		
Dy Car to Locatio	M Linking time 010	<u>) — ();</u>	paved Ioau		None							
	2 COMPETIC	NIC OF	COL VICTO		10110		_	F	D - C		<u></u>	4
	3. CONDITIO	NS OF	SIATIC	<u> N</u>					Keter	to atta	cnec	drawin
3.1 Site Condit												
Topography		e of Soil	····		st disaste	r of si	te	~		n of exi	sting	system
☑ Flat	☐ Dry soil		mestone	□ Flo				Yes N				
☐ Slope	☑ Ordinary		ravel	1	ood Tide					tenna		
☐ Hill-top	☐ Swampy		ocky		in Leak	_				wers (
☐ Basin	Clay			□ Gr	ound Su	ibsidei	nce			oundin		
□ Valley Altitude	Sandy	M		<u> </u>	11	T .				htning		
Land area		M m²		1e	lephone	Lines Lines	s I			der Ca		way
	Ca-didi	111-		<u> </u>					J CIL	y wate		
	ng Conditions		Dr. N. C.		3.3 P		. 20n					
Num of story	Structions One	Valtage	PLN Sou		<u> </u>	220 V		Good Ba		ower (one	itions
Structure	Concrete	Voltage Phase	220							.a. C		Caratana
Type of roof	Zinc	Wire	-	1 2			1 2			rations		System
Type of ceiling		kVA	1	0.9			3	5 5		rations		
Type of wall	Brick	KTI	Quality		SOURCE		_			f fuel		
Wall finish	Mortar	Fluctuat			V ± 10	0/2		Day tani		, idet		Liter
Flooring	Tile		lity of power				$\overline{}$	Main tar	_			k Liter
	Area (m²)		nterruption /		2		mes			nd-by		
Operation room			terpt hours		-		ours			Systen		
E/G room			erpt. hours a		_		ours			ystem	•	
Remark							<u> </u>			,		
										···		
4. OF	PERATION AND	MAINT	CENANCI	E	4	5. PE	RSC	ONNE	L FC)RM	AT)	ONS
	Actions taken in equi									/RX		
Restoration flow	Send to Ambon to				C	hief			,	1	i	
Examples of major faile	Damaged by lighter	ning			Ō	perato	or (ski	illed)		0	Ī	0
Sufficiency of spares								killed)		0		Ô
	ds of damages	Env	ironmental	Condit	ions A	dminis	strato	r	ì			
☐ Heavy rainfall		Good	Bad									
☐ Storm		₽	☐ Extern		s T	otal				. 1		<u>_</u>
☐ Lightning		☑	☐ Air pol	lution								
Other calamity									<u> </u>		į	
	Institutional and Hu							Traini			1	
1 Budget	□ Sufficien		sonable 🗵			Course	<u>: </u>	Class	Locat	ion Per	riod	Trainee
2 Spares	☐ Enough		sonable 🖾								_	
3 Measuring eqpt.4 Number of Open			sonable 🖾							.		
5 Number of Tech			sonable 🗆		~_							
6 Capability of Op			so bad \Box							•		
7 Capability of Te			so bad		· 							· · · · · · · · · · · · · · · · · · ·
		:101								- 1		

SUMN	IARV	OFC	OAST	STAT	LIUN	Ī		SITE		OLO	,	
SCIVIIV		Or C	OASI	. DITE.	LIOI	; 		CLASS	5 41	th-B	NO.	202
		6. STA	TISTIC	CAL CO	MMUI	NICA'	TION T	RAFF	IC DA	ΓA		
	Ma	ritime Sa	fety			Pt	ıblic Te	lecomn	nunicat	ion Se	rvice	
					Tele	phone	TG		Tele	phone	TG	
Years	TG	TEL	DSC	NBDP	Years			Call	Years			Call
					1	Cail	Minute			Call	Minute	
1996					1991				1996		1	
1997					1992				1997			
1998			i		1993				1998		i	
1999					1994				1999			
2000					1995				2000		1	
				7.	COM	MEN	TS					
	Maritim	e Telecommi	mication in	Maluku is	very impo	rtant, be	cause:					
Suggestion	Maluku	consists of Is	slands which	h separated	by Ocean	, and 90°	% of Maluk	u area is	Ocean			
		rtation betwe								navigatio	on monitorir	ıg
	Operated	by Kanpel	Staff									
Remarks												
	1											

INVENTORY

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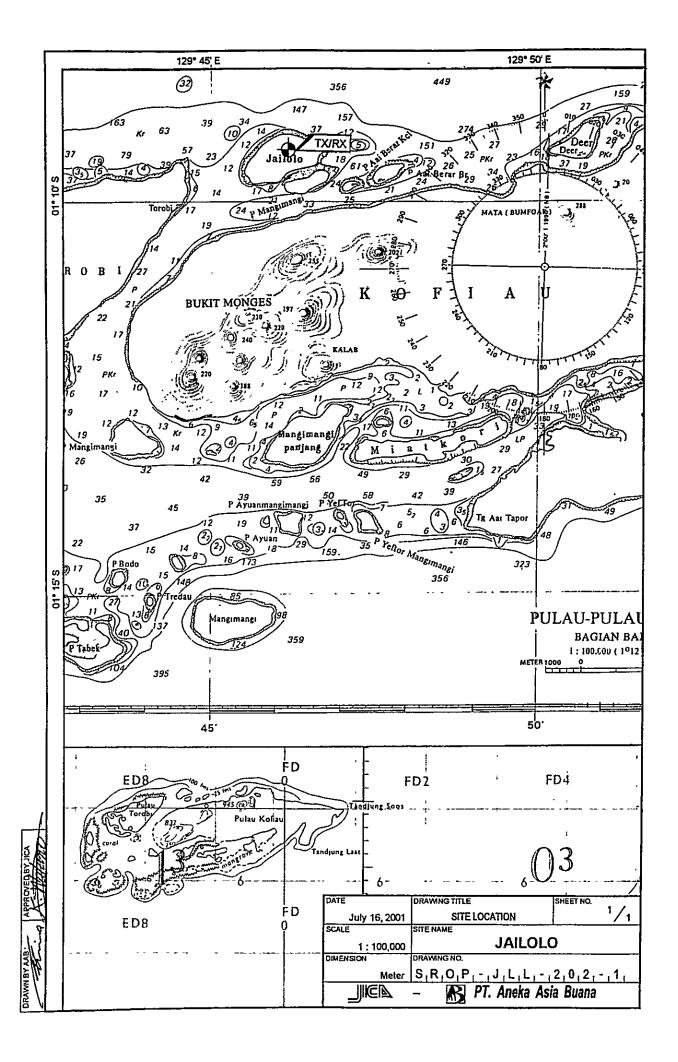
JLL-202- (1 / 1)

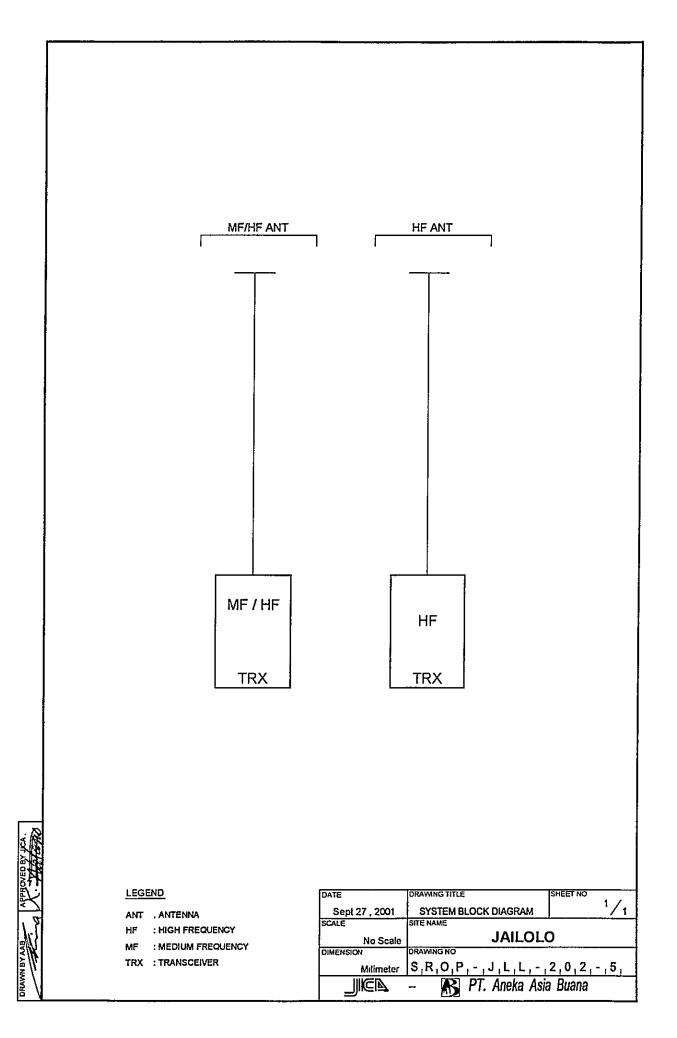
No	Registered No.	Description	Type	Serial No	Serial No Manufacturer	Date	Reference	Maintenance Record	Condition
1 1-1 2		Radio Equipment MF/HF System SSB Transceiver SSB Transceiver	IC-M-700		Spilsbury ICOM				Damaged Good
2. 2-1 2-2 3 1		Power Supply Equipment Power Adaptor & UPS Power Supply Unit Battery Battery Engine Generator 3kVA (5HP) Engine Generator	ET-300		YUASA YAMAHA				

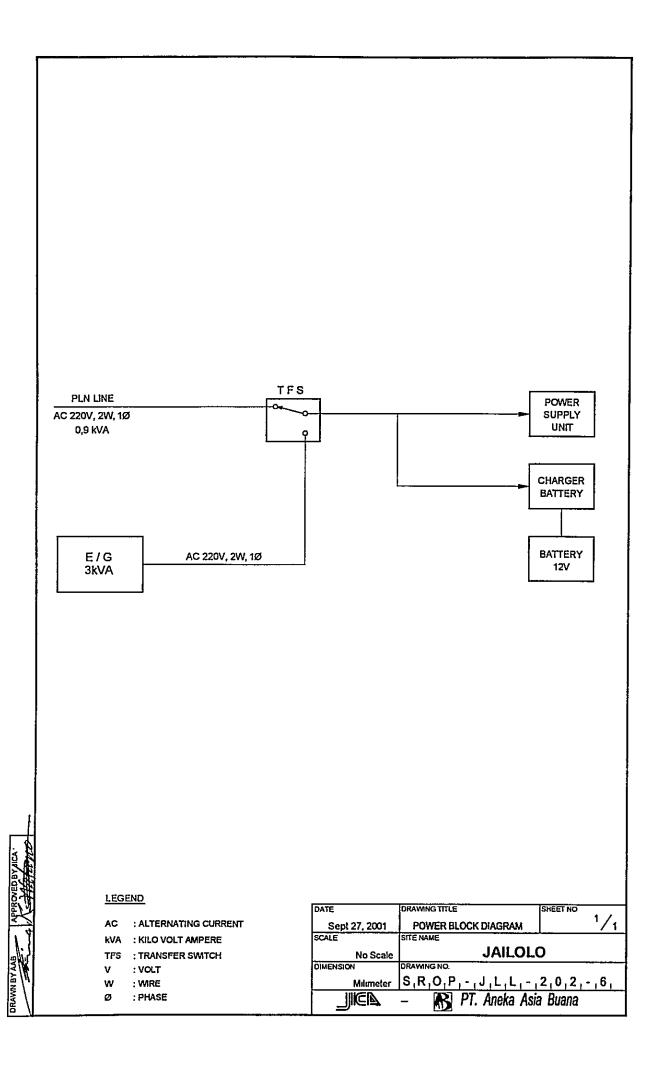
OPERATION SCHEDULE (FREQUENCIES) Call Sign: Mobile Service: Fix Service:

Site Name: Jailolo

13E J3E J3E J3E		FREQUENCY	_	POWER	State I
Fit Service 5.225.0		(kHz)		<u>§</u>	02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
6.536.0 JBE 150 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.	يال	Fix Service			
5 316.0 5 326.0 10.225.0	₹"		J3E	150	
9935.0 136 140 150 161 161 161 161 161 161 16	7		J3E	150	
10.2550 366 377 378 378 378 378 378 378	က		366	150	
	4		JSE	150	
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	24	1 1			
25 27	125				
27	<u>8</u>				
	27				







4th-B Class Coast Station

Labuha
(Coast Station No. 203)

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

TRX Drawings:

- ☑ Site Location

- ☑ 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)

STIMMARY	Y OF COAST			SITE		LAI	BUHA					
SUMMAN	OF COASI	SIA	IION			CLAS	SS	4	th-B	NO.		203
1. LOCATION	•			•								
Station	Address		Tel.		F	ax	Lo	ongit	ude	 	Latit	ude
TX/RX			···	**			27°	28'	33" E			
2. GENERAL	CONDITIONS											
	from Jakarta	Site A	ccess from P	ort	Dood	Traffic		Acco	mmoda	tion	Pon	ulation
By Air to Ambon		r]□ Hig			Heavy	Tranic	-	Ho □ Ho		161011	ropt	JIALIUII
By Air to Bacan		u.] ☑ Pav			Mediur			Z Mc		$\overline{}$		
By Car to Location			paved road	$\overline{}$	Light	" ———	 	IVEC	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-		
					None		十		-			
	3. CONDITIO	NS OF	STATIC				= ;		Refer	to atta	ched	drawing
3.1 Site Condition		MS OF	SIAIIC	-			<u> </u>		1000	to atte		CIEVILI
	•			1 n	A 12			^ -				
Topography ☑ Flat		of Soil		+		ter of site	_			n oi ex	sting	system
	□ Dry soil☑ Ordinary		mestone	□ Fi			-	Yes	No .			
□ Slope □ Hill-top	_		avel		ood Tic		-	<u> </u>		ntenna) (·	
☐ Basin	☐ Swampy☐ Clay	Li Ko	ocky		in Leal	kage Subsidenc	_			owers (
☐ Valley	☐ Sandy				rouna S	subsidenc	· -			roundir		
Altitude	Sality	M		Т.	lankar	ne Lines	_	<u> </u>		ghtning eder C		
Land area	-	m²			nebitor	Lines				ty wate		vay
	g Conditions	1		<u>!</u>	2 2 T	Power S			- Ci	iy waic	<u>. </u>	
	ructions	-	PLN Sou		***	E/G	Jour		atina D		~	:4:
Num. of story	 -	220 V	-	ood I	sting P	ower	_onu	щопѕ				
Structure		1			☐ Pov	ver Su	only S	System				
Type of roof	Concrete Zinc	Phase Wire		1 2		2				eration		
Type of ceiling	Triplex	kVA).9			十	_		eration		
Type of wali	Brick		Quality o		source	rce Capacity of fuel for engine						
Wall finish	Mortar	Fluctuati				10 % Day tank Liter					_	
Flooring	Mortar		lity of power			24 Ho						k Liter
Room A	rea (m²)		terruption /r			Tim			/G Sta	nd-by		
Operation room			erpt. hours /			Hou	ırs	$\overline{\mathcal{A}}$		Syster		
E/G room			erpt. hours a			Hou				ystem		
Remark (Office Building owned											
1					•							
										•		
4. OPI	ERATION AND I	MAINT	ENANCE	<u> </u>		5. PER	SO	NN	EL FO	ORM	ATI	ONS
A	Actions taken in equi	pment fa	ilure							K/RX	!	
Restoration flow	Send to Ambon to b	e repaire	d		(Chief				1	1	
Examples of major failure	Damaged by lighten	ing				Operator	(skil	led)		()		0
Sufficiency of spares	- · · · · · · · · · · · · · · · · · · ·					<u> Fechnicia</u>	n (sk	(illed)	0	1	()
Records	tions /	Administr	ator				1					
☐ Heavy rainfall					· -							
□ Storm	es 1	Γotai			1	1	<u> </u>					
☐ Lightning							·					
Other calamity							1					
1 Dudget			_		ing Re							
1 Budget	cient	Course		Class	Loca	tion Pe	riod(Trainee				
2 Spares 3 Measuring eqpt /t	☐ Enough		sonable ☑							-		;
4 Number of Opera			sonable ☐ 1	-	1					-		-
5 Number of Techn			sonable 🗀 i								-	
6 Capability of Ope			so bad \square							•	•	
7 Capability of Tech			so bad \square								-	
·												

SUMM	IADV	OFC	C A ST	' STA	rion	•		SITE	LAB	<u> </u>		
OUMIN.		Or C	UASI	DIA.	LION			CLASS	41	h-B	NO.	203
		6. STA	TISTIC	CAL CO	MMUI	VICA'	TION T	RAFF	IC DAT	Γ A		
	Ma	ritime Sa	fety			Pu	blic Te	lecom	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				<u>.</u>	
Suggestion	Maluku e	Telecommiconsists of Istation between	lands which	h separated	by Ocean,	and 909	% of Maluk			navigati	on monitor	ing
Remarks												

INVENTORY

Site Name: Labuha

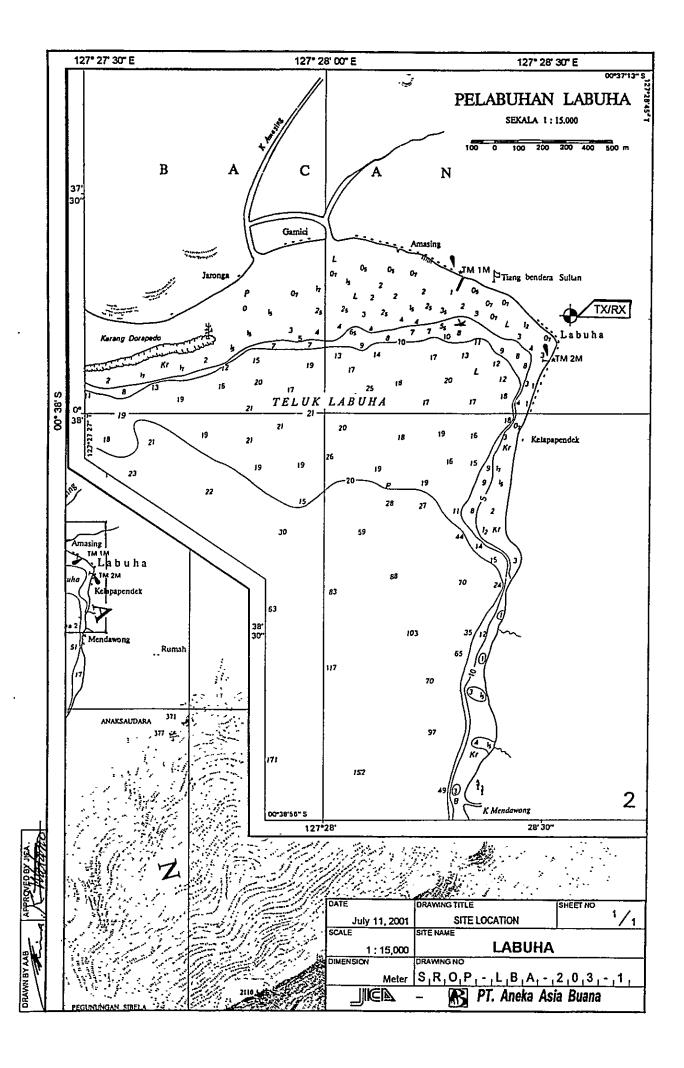
LBA-203- (1 / 1)

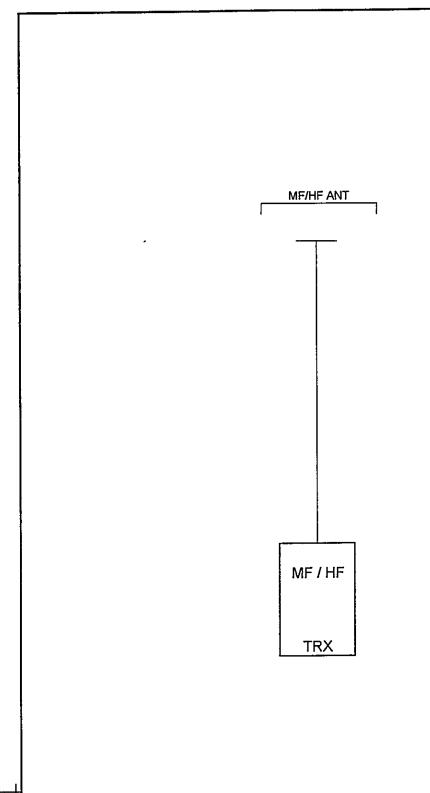
Condition	Good	Pood Cood Cood	
Maintenance Record			
Reference			
Date			
Manufacturer	ІСОМ	YAMAHA	
Serial No			
Type	IC-M-700	ET-300	
Description	Radio Equipment MF/HF System SSB Transceiver	Power Supply Equipment Power Adaptor & UPS Power Supply Unit Battery Charger Battery Engine Generator 3kVA (5HP) Engine Generator	
Registered No.			
N _o	1-1	2 2-1 1 2-1 2 2-2 3	

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

Site Name: Labuha

I	- 11				1
	FREQUENCY	NOISSIME	Power	UTC	NOVE STORY
	(2117)		(AA)	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 KEN	KEMAKK
	Fix Service				
-	6 926,0	- J3E	150		
N	5 316,0	J3E	150		
m.	9 925,0	J3E	150		
4	10 225,0	J3E	150		
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24					•••
22					• • •
92					
27					





LEGEND

ANT : ANTENNA

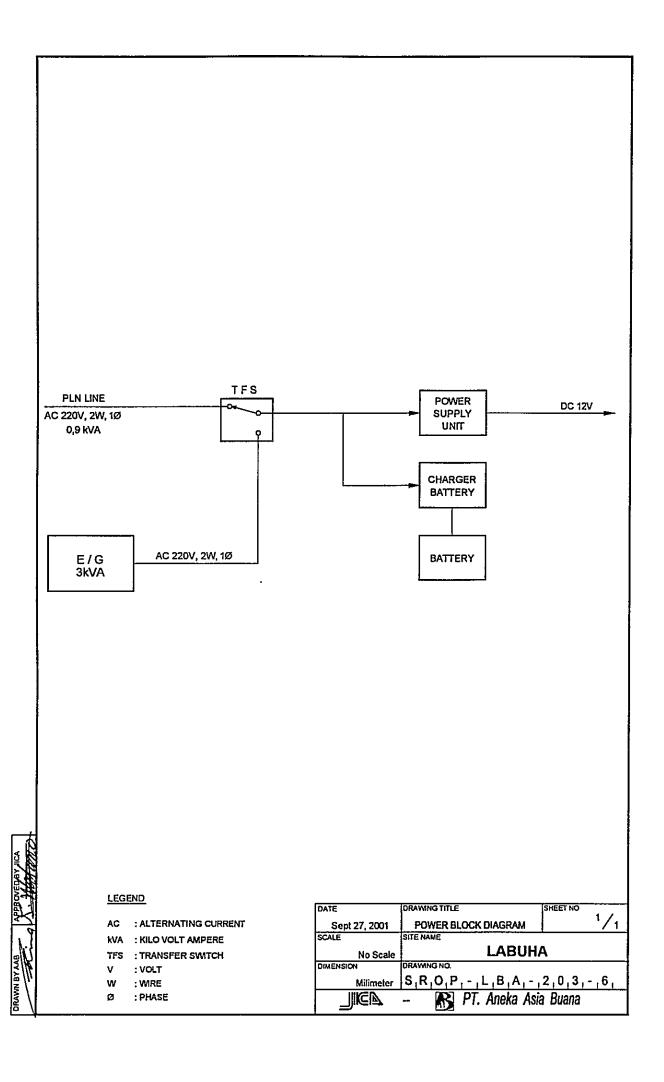
HF : HIGH FREQUENCY

MF : MEDIUM FREQUENCY

TRX : TRANSCEIVER

DATE	DRAWINGTITLE	SHEET NO
Sept 27, 2001	SYSTEM BLOCK DIAGRAM	1/1
SCALE	SITE NAME	
No Scale	LABUH	Α
DIMENSION	DRAWING NO.	
Milimeter	S,R,O,P,-,L,B,A,-	2,0,3,-,5,
	PT. Aneka As	ia Buana

DRAWN BY AAB



4th-B Class Coast Station
Saparua
(Coast Station No. 204)

Table of Content

- ✓ Summary of Coast Station
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 ✓ Status of Trouble
 ✓ Operation Schedule (Frequencies)
- Coporation Schodule (Frequen
- 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 OF COAST STATION SITE SA										E.A	DAI) TT A									
SUMMA	RY	OF	COA	ISI	'S ']	ΓΑ	TI	ON	V				CL/		ion.	<u>PAF</u> 4th-		NO	<u>. </u>	\neg	204
1. LOCATION	ON					,		-			_		1===						_		
Station		Add	ress		П			Tel.	-			Fax			Longi	itude		$\overline{}$	L	atitu	
TX/RX														1289		' 20		03			20" S
																					-
2. GENERA	L C	OND	ITION	IS											-						
		om Ja			Si	te A	ccess	from	Por	ŧΓ	Ros	ıd Tı	raffi	•	Acc	omn	odat	ion	P	יונעט,	lation
By Air to Am			ng time	5 00 h	_					4—	Heav				ΠН				1-	opu	1441011
By Ship to Sap	апиа	[Taki	ng time:	7 00 h							Medi				ØM				1-		
By Car to Loc	ation	[Taki	ng time:	<u>0-30</u> h	r.] 🗹	Unp	paved	road	ď	Ø	Light	:			 						
			•								None	;									
		3. C	OND	TIO	NS (OF	ST	AT	ION	ī	-		:			R	efer t	to at	tac	hed (drawing
3.1 Site Cone	ditio					<u> </u>				<u> </u>											
Topograph		113	N	ature	ofS	ail			-	Pas	st dis	aster	of si	te	Co	nfirm	etion	of s	ric	ina	system
☑ Flat		<u> </u>	ry soil				nesto	ne	— 	Flo		aster	01 31		Yes	No				ing s	ystem
☐ Slope	,		Ordinary				avel			_	ood 7	lide.			Ø		Ant	tenn			
☐ Hill-top	ĺ		wampy				cky				in Le		e.		一	<u> </u>		****		lasts)
☐ Basin	l		lay								ound	_	•	nce	一	<u> </u>			_	syst	
□ Valley	ĺ		andy													☑	Lig				
Altitude				3.00	M				\neg	Te	leph	one l	Line	s	Ø					le W	
Land area					m²								ines			Ø	City				
3.2 Buil	ding	Conc	litions						- 1		3.3	Pov	wer	Sor	urce						
Constructions PLN Source								E/0					e Po	wei	· Co	ndi	tions				
	Num. of story One Vo								20 V				220	7	Good		.5.10				
Structure	V One V Concrete P								i					1	Ø		Pow	er S	upp	lv S	ystem
Type of roof	î 2	Zinc			Wire	;			2					2			Oper				
Type of ceili	ng '	Triplex			kVA				0.9					3			Oper				
Type of wall]	Brick					Qı	uality	y of I	PLN	sour	rce			Ca		_				gine
Wall finish	1	Mortar			Fluct	Quality of PLN source ctuations 220 V ±						6		Day t		<u> </u>				iter	
Flooring	1	Mortar			Avai	labil	ity of	fpow	veг р	er da	ıy	24 Hours Main tai							k	Liter	
Roo	m Ar	ea (m	²)				terru								E/G	Stan	ıd-b	y S	yste	m	
Operation room	3				Tota	l inte	erpt.	hour	s/m	onth			Н	ours	Ø		ngle S		·	<u></u>	
E/G room					Max.	. inte	erpt.	hour	s at c	once			Н	ours		_	ial Sy				
Remark							Ī														
L		 																_			
4. (OPE	RATI	ON A	ND N	IAI	NT	EN	AN(CE			5. PERSONNEL FORMA					TIC	ONS			
	Ac		aken in			ıt fa	ilure	:				TX/RX				/RX	:				
Restoration flow			o Disna									Chief 1				1					
Examples of major f		Dama	ged by l	ghteni	ing							Operator (skilled) ())		()			
Sufficiency of spares												Technician (skilled) ()					0				
	Records of damages Environmental C						al Co	ndit	ions												
Heavy rainfall Good Bad																					
☐ Storm ☐ ☐ Exter								s	Total 1												
☐ Lightning						ollut	ion		<u> </u>												
Other calamity																					
Institutional and Human Statuses I Budget □ Sufficient □ Reasonable ☑ Insufficie								Training Record Course Class Location Period Training													
i Budget					_								ourso		Class	s L	юcati	ion I	Peri	<u>od T</u>	rainee
2 Spares		-1-	□ Enc				<u>sonat</u>							_		_		_		+	
3 Measuring eq 4 Number of O			□ End				sonat							\perp		-		\dashv		\dotplus	
5 Number of To			□ End				sonat							- -		-				1	
6 Capability of			□ Ski				sonat so ba									+		+	···-	+	
7 Capability of			□ Ski				so ba									\dashv					
- Junpapanity OI	- 2010		, <u> </u>			. 101	JU U	∟ر داد	- 110	,, ,,,	hanic			- 1		ī					

SUMM	I A D W	OF C	O A ST	CTLAT	rian	r		SITE	SAP	ARUA		
SOIAIIA	LANI	Or C	UASI	SIA.	LION			CLASS	41	h-B	NO.	204
		6. STA	TISTIC	CAL CO	MMU	VICA'	TION T	RAFF	[C DA]	ΓA		### ·
	Mai	ritime Sa	fety			Pu	blic Te	lecomn	unicat	ion Se	rvice	
Years	TG	TEL	DSC	NBDP	Years	Tele	phone	TG Cali	Years	Tele	phone	TG Call
						Call	Minute			Call	Minute	
1996					1991				1996			
1997					1992				1997			
1998					1993				1998			
1999												
2000					1995				2000			
				7.	COM	MEN'	TS					
Suggestion	Maluku d	Telecommiconsists of Istation between	slands which	h separated	by Ocean,	, and 909	% of Maluk			p naviga	tion monito	ring
Remarks	Office B	uilding own	ed by Kanpo	and opera	ted by Ka	npel Stal	e r					

SPR-204- (1 / 1)

Site Name: Saparua

INVENTORY

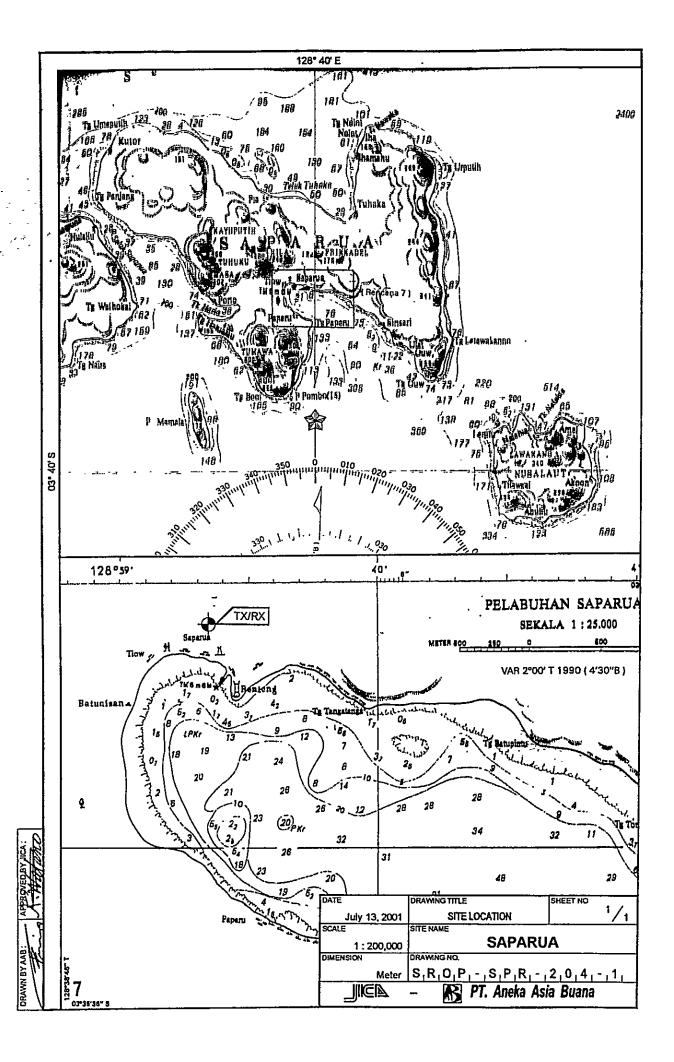
No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1-1-2-2-2-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-		Radio Equipment MF/HF System SSB Transceiver SSB Transceiver	SBX-100RX 1C-M-700		Spilsbury ICOM				Damaged Good
2-1 1 2-2 2-2 3		Power Supply Equipment Power Adaptor & UPS Power Supply Unit Battery Charger Battery Engine Generator 3kVA (5HP) Engine Generator	ET-300		YUASA YAMAHA				Good Damaged Good Damaged
			71.711						

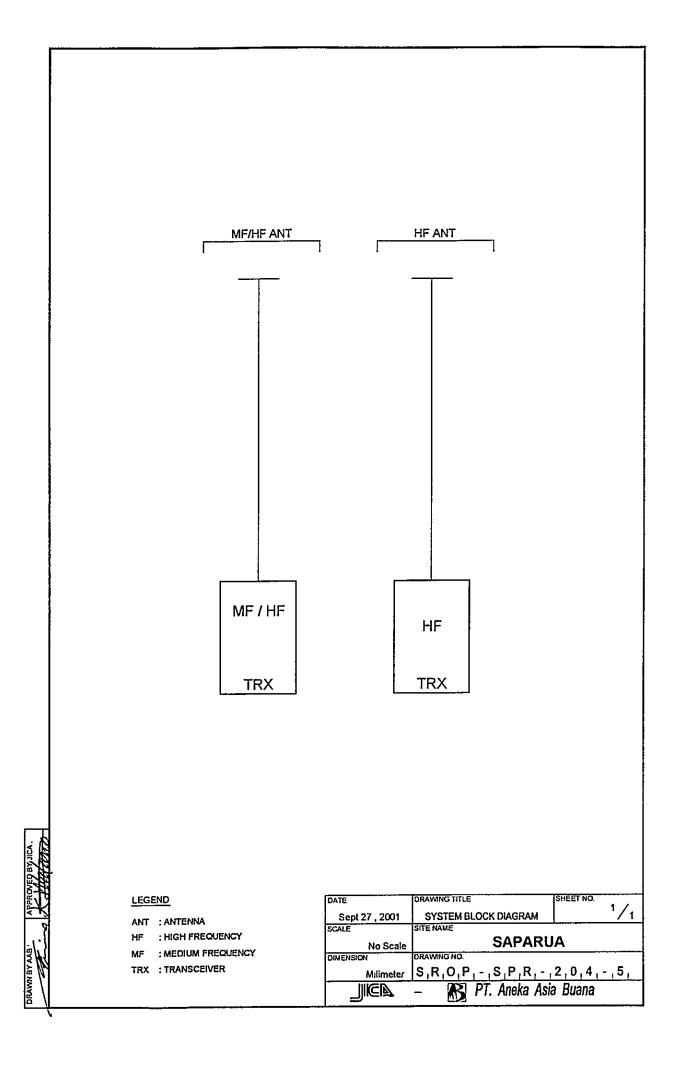
OPERATION SCHEDULE

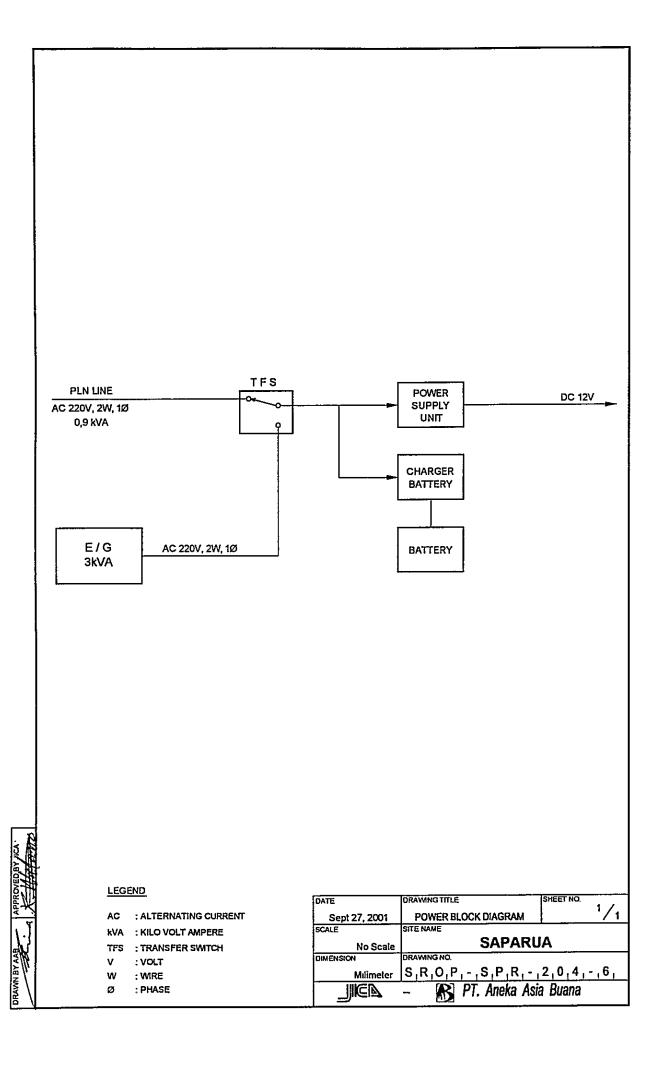
Site Name: Saparua

(FREQUENCIES)
Call Sign: Mobile Service:
Fix Service:

PREGUENCY (AU-1)	NOW	POWER		ì
(2UX)			01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	KEMAKK
Fix Service				
6.926,0	J3E	150		
5 316,0	J3E	150		
9 925,0	J3E	150		
10 225,0	J3E	150		
•		;		
‡ 				
	:	,		
1				
	1			







4th-B Class Coast Station **Leksula** (Coast Station No. 205)

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)

SUMMAR'	\mathbf{ON}			SIT		LEKS	ULA							
JUNINIAIX.	I OF CO	JAGI	DIA	LAN	<u> </u>			CLASS		4th-B		NO.		205
1. LOCATION	Į			-						·				
Station	Address		Ţ.,		Tel.		1	Fax	ĭ	ongitue	le		Lati	
TX/RX Kompleks I		sula								31' (03		
									120					
A 6733777317	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	0370				<u>.</u>							•	
2. GENERAL										,				
	from Jakarta				from Po	-		d Traffi	С	Accom		ion	Pop	ulation
By Air to Ambon	<u> </u>		r] 🗀 Hig		,		Heavy	~~~		☐ Hote				
By Air to Namlea			r] 🗆 Pav			~-	Mediu	ım		☑ Mote	<u>:l</u>			
By Car to Location	n [Takıng tim	ie. <u>4,00</u> h	r] 🗹 Unj	paved	road		Light							
						1	Vone			ł				
	3. CON	DITIO	NS OF	ST	ATIO	N					Refer t	o att	achec	i drawing
3.1 Site Condit			110 02							l				:
	10112	Nature	of Soil		•	Doc	+ diss	ster of si	**	Confin	mation	\ 0 f 0	eletine	z system
Topography ☐ Flat	☐ Dry s			mesto				ster or si	· ·	Yes N		1016	KISUIIŞ	System
☐ Slope	☑ Ordin			avel				:40	i			tenna		
☑ Slope ☑ Hill-top	□ Swan			cky		□ Ra							(Mas	+6)
Basin	Clay	ıþy		ску		i		akage Subside						
1		_				LJ GI	ouna	Subside	nce				ng sy	
□ Valley Altitude	☐ Sandy	3.00	N/			т.	1	T !					g sys Cable	
Aintude t and ana	+		m²			<u>1e</u>	tepno	one Lines Lines						way
Land area			[EL-			ш				<u> </u>	ı City	wat	er	
	ng Conditio	ons	<u> </u>				3.3	Power	Soi					
	tructions				N Sou	_		E/G				wer	Conc	litions
Num. of story	One		Voltage	<u> </u>	220			220		Good Ba				
Structure	Concrete		Phase	ļ		1			1					System
Type of roof	Zinc		Wire	ļ		2			2		Ope			
Type of ceiling	Triplex		kVA			.9			3		Ope			
Type of wall	Brick				rality o							f fue		engine
Wall finish	Mortar			uctuations 220 V ± 3						Day tan			Liter k Liter	
Flooring	Mortar						У		_	Main tai				k Liter
	Area (m²)		Power in		•			T	mes		G Star			tem
Operation room			Total int	·········			_ _		ours		ingle			
E/G room			Max. int		hours at	t once	L_	H	ours		Dual S	ysten	<u> </u>	
Remark	Office Buildir	ng owned	by Kanp	el.										
	<u> </u>													
4. OP	ERATION	AND I	MAINT	EN	ANCE]		5. PE	RS	ONNE	L FC	RM	IAT.	IONS
	Actions take								3. I BRSONI			/RX		
Restoration flow	Send to A							Chief			İ	1		
Examples of major failu	Send to Ambon to be repaired Comples of major failure Damaged by lightening								Operator (skilled)			C)	0
Sufficiency of spares						Technician (Ö		<u>()</u>
Record	ls of damage:	5	Envi	ironn	iental (Condit	ions					<u>``</u>	1	
☐ Heavy rainfall		rages Environmental Good Bad						Administrator					1	
☐ Storm			Ø		Externa	l noise	:S	Total			İ	1		
	Eqpt damage			Ø	Air poll	ution		Iotai					1	
Other calamity														
Institutional and Human Statuses									Traini	ng Re	cord	-		
1 Budget		Sufficient	l □ Rea	sonat	ole 🗹 i	Insuffic	ient	Cours	e	Class				Trainee
2 Spares		Enough	□ Rea			Not en			1		;	-		
3 Measuring eqpt		Enough			ole 🗹 I						!	Ī		
4 Number of Oper		Enough			ole 🗆 1			-			<u> </u>	i -		1
5 Number of Tech		Enough			ole 🗹 ì				\neg		i	一		į
6 Capability of Op		Skilled	☑ Not			Not cap					1			<u> </u>
7 Capability of Te	chnician 🛮 🗆	Skilled	☑ Not	so ba	ad 🔲 i	Not ca	pable		1		1			i

TELEVIE	(A TD X/	OFC		COL Y	riani	r		SITE	LEK	SULA		
SUIVIIV	AKY	OF C	OASI	SIA.	HUN			CLASS	5 4t	h-B	NO.	205
····	M**	6. STA	TISTIC	CAL CO	MMUI	VICA:	TION T	RAFF	IC DAT	[A		
- 	Mai	ritime Sa	fety			Pu	blic Tel	lecom	nunicat	ion Se	rvice	
Years	TG	TEL	DSC	NBDP	Years	Tele	phone	TG Call	Years	Tele	phone	TG Call
100110						Call	Minute			Call	Minute	
1996					1991	ı			1996			
1997					1992				1997			
1998					1993		i		1998			
1999					1994				1999		_,	
2000					1995				2000			
-		· ·		7.	COM	MEN	rs		. "			
Suggestion	Maluku	Telecommiconsists of Istation between	slands which	h separated	by Ocean	, and 90	% of Maluk	u area is ions used	Ocean l as ship na	vigation	monitoring	
Remarks							-					

Site Name: Leksula

INVENTORY

LSL-205- (1 / 1)

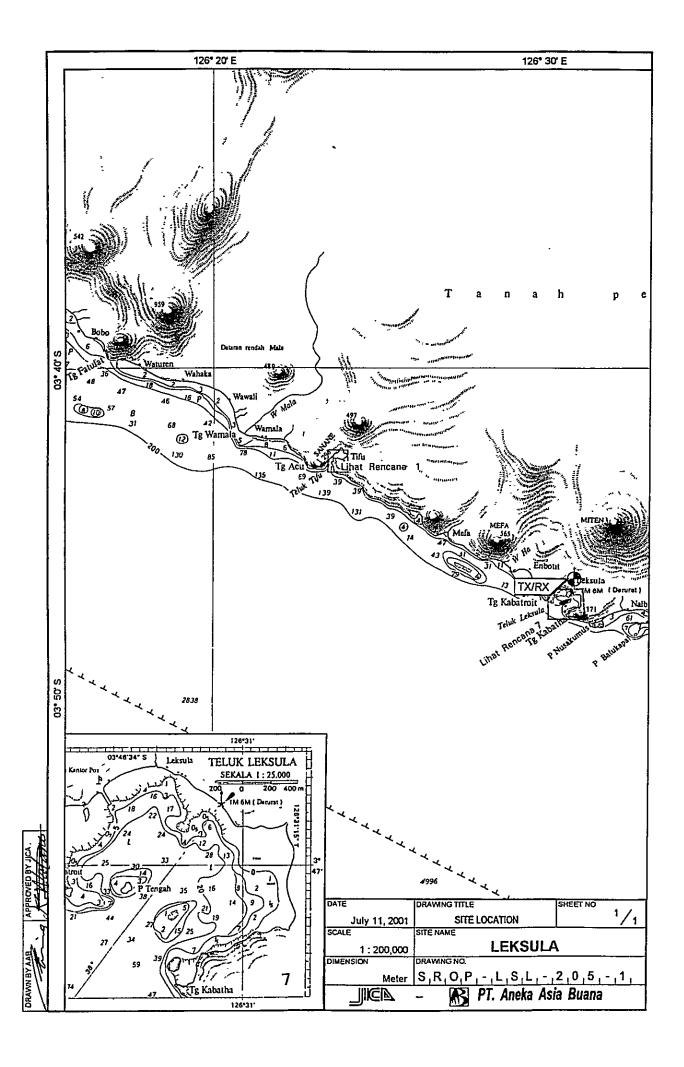
Condition	Damaged	Damaged Damaged Good Damaged	
Maintenance Record			
Reference			
Date			
Serial No Manufacturer	ICOM	YUASA YAMAHA	
Serial No			
Type	IC-M-700	ET-300	
Description	Radio Equipment MF/HF System SSB Transceiver	Power Supply Equipment Power Adaptor & UPS Power Supply Unit Battery Charger Battery Engine Generator 3kVA (5HP) Engine Generator	•
Registered No.			
No	1-1	2 2-1 1 2 2-2 1	

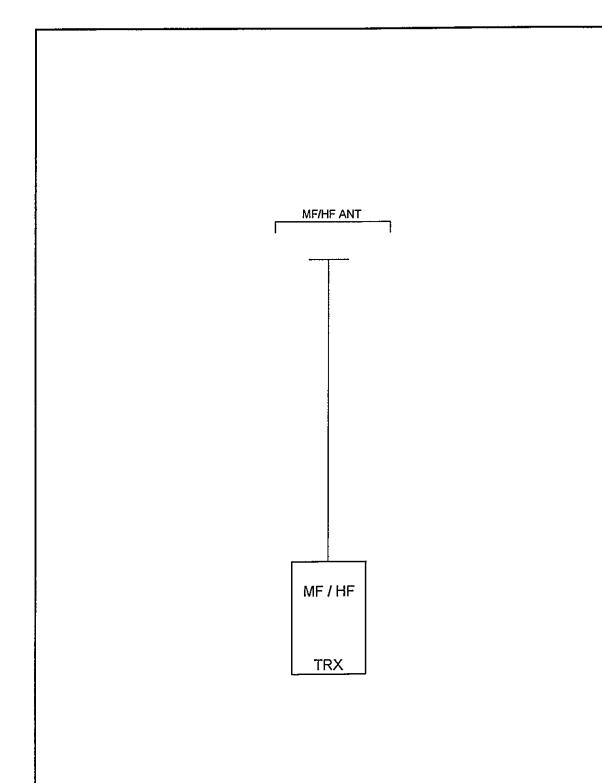
LSL-205-(1/1)

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

Site Name: Leksula

	FREQUENCY	L	DIII	
	(kHz)	EMISSION (W)	3 14 15 16 17 18 19 20 21 22 23 24	REMARK
	Fix Service			
-	6 926,0	<u> </u>		
2	9 925,0	J3E 150		
ю,	5 316,0	J3E 150		
4 K				
ုံဖ				
7				
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တ				
9				
Ξ				
7	:			
5	1			
14				
5			-	
16	1			
17				
18				
19	,			
202				
21				
2	: : : :			
23				
24				
25				
56		1		
27				





LEGEND

ANT : ANTENNA

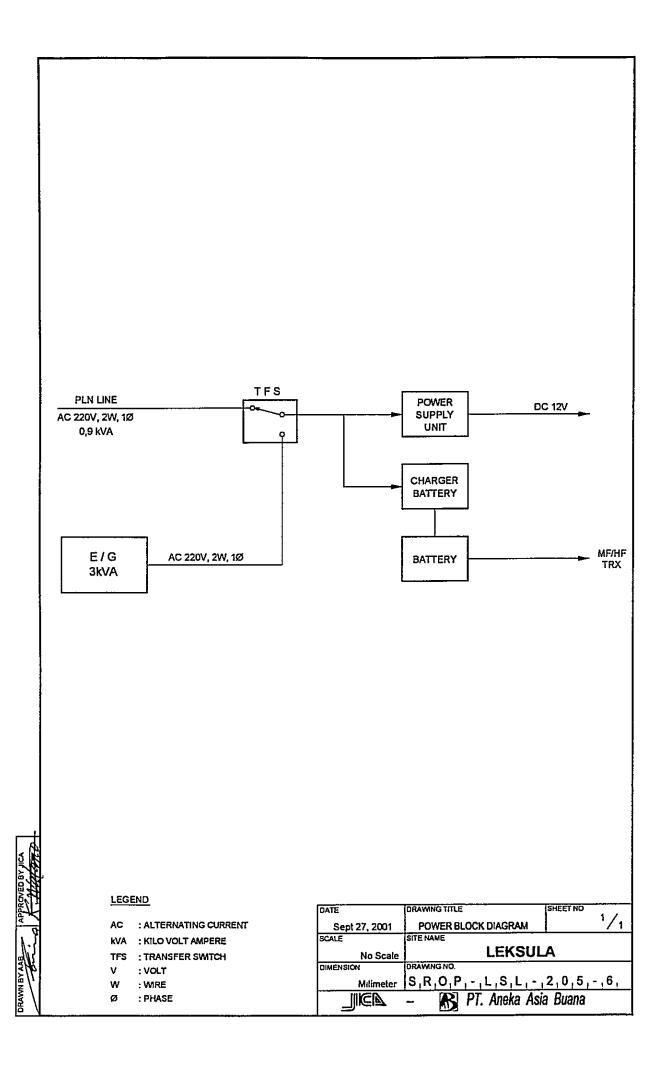
HF · HIGH FREQUENCY

MF : MEDIUM FREQUENCY

TRX : TRANSCEIVER

DATE	DRAWING TITLE	SHEET NO
Sept 27, 2001	SYSTEM BLOCK DIAGRAM	'/1
SCALE	SITE NAME	
No Scale	LEKSUL	Α
DIMENSION	DRAWING NO	
Milimeter	S,R,O,P,-,L,S,L,-,	2,0,5,-,5,
	– 🔊 PT. Aneka Asi	a Buana





4th-B Class Coast Station

Amahai

(Coast Station No. 206)

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
 ฬ 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	TIC	N			TE	AMA		,		
COMMITTER	T OT COILS					CI	LASS	4ti	h-B	NO.		206
1. LOCATION	1											•
Station	Address		7	el.		Fax	1	Longitu	de]	Latit	ude
TX/RX CHR.M. T	iahahu		21	135			1289	² 56' ()0" E	03°	20′	00" 5
2. GENERAL	CONDITIONS	•				-						
Moving	from Jakarta	Site A	ccess f	rom Port	Ro	ad Traf	Tic	Accom	modat	ion	Pon	ulation
By Air to Ambon		r] 🗆 Hig	hway	.,.	□ Hea			□ Hote	:1		<u> </u>	
By Air to Amahai	[Taking time: <u>1 00</u> h	r.] 🗹 Pav	red		□ Med			☑ Mote	<u> </u>			
By Car to Location	n [Taking tıme: <u>0·5</u> h	r.] 🗆 Unj	paved	road	🗹 Ligh	t		1				
					□ Non	е						
	3. CONDITIO	NS OF	STA	TION					Refer t	o atta	=== ched	drawin
3.1 Site Condit								L		-		
Topography		of Soil		$\overline{}$	Past di	saster of	site	Confir	metion	oferi	etina	evetem
☑ Flat	☑ Dry soil	_	neston	e O	Flood	Juster Or	31,12	Yes No				
☐ Slope		□ Gr		Tide			J Ant	Antenna				
☐ Hill-top	□ Swampy	-	cky			eakage				vers (Mast	<u></u>
☐ Basin	□ Clay		,			d Subsid	ence			undin		
☐ Valley	□ Sandy			1					****	htning		
Altitude	3.00	M			Telepl	hone Li	ıes			der Ca		
Land area		m²	·	Ø	1	Line		1 (2)		wate		
3.2 Buildir	ng Conditions			•	3.	3 Powe	r Sou	ırce				
Cons	tructions		PLI	N Source	:	E/G		Exist	ing Po	wer (Cond	litions
Num. of story	One	Voltage		220 V			٧	Good Ba				
Structure	Concrete	Phase Wire		1								System
Type of roof				2					Oper			
	Type of ceiling Triplex			0.9					Oper	ations	of A	AVR
Type of wall	Brick			lity of P						fuel		ngine
Wall finish	Mortar	Fluctuati			220 V <u>-</u>			Day tani				Liter
Flooring	Mortar			power pe				Main tar				k Liter
	Area (m²)			tion /mor			Times		G Stan		_	em
Operation room				ours /mo			Hours Single System					
E/G room				ours at o			Tours		Dual Sy	stem		
Remark	Office Building owned	by Kanp	ei and (operated	by Kan	pel Staff						
	<u> </u>											
4 00	ED ARION AND					т — —						
	ERATION AND I			NCE		5. P	EKS	ONNE	1		<u> </u>	<u>ONS</u>
Restoration flow	Actions taken in equi	oment 1a	ilure			Chief			TX	/RX	├-	.
Examples of major failur		ing Volt	200 110	ctable		Орега	tor /alc	illad	<u> </u>	1	-	
Sufficiency of spares	Damager by lighten	ing, voic	age un	-stable						1 ()	-	<u>0</u> 0
	s of damages	Envi	ronme	ental Cor	ditions	Technician (skilled) Administrator				0	┢	
☐ Heavy rainfall	or distribution			intai Coi	141610113	7101111	ustrate	''			 	
☐ Storm		Ø		xternal ne	oises	Tota	1			1	_	
☐ Lightning				ir polluti		1	-				 	
Other calamity						1	•					
	Institutional and Hur	nan Stat	uses					Traini	ıg Rec	ord		
1 Budget	☐ Sufficient	☐ Rea	sonable	e 🗹 Inst	ıfficient	Cour	se	Class			boi:	Trainee
2 Spares	☐ Enough	□ Rea	sonable	e 🗹 Not	enougl	h				1		
3 Measuring eqpt /				e 🗵 No					j			
4 Number of Oper				e □ Not			Ī			1		
5 Number of Tech		_,		e □ Not								
6 Capability of Op				I □ Not			-		<u>-</u>			
7 Capability of Tec	hnician Skilled	I⊠ Not	so bad	I □ Not	capable	e	<u> </u>		i			

SUMN	IARY	OF C	OAST	STA	ΓΙΟΝ			SITE		HAI	hro I	
				<u> </u>				CLASS		h-B	NO	206
		6. STA	TISTIC	CAL CO	MMU	VICA'	TION T	RAFF	IC DAT	ΓA		
	Mai	ritime Sa	fety		1	Pı	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					1991				1996			
1997					1992				1997			
1998					1993				1998			
1999					1994				1999			_
2000			•		1995				2000			
				7.	COM	MEN'	TS					
Suggestion	Maritime	Telecommu consists of Is	mications is	very impor	tant in Ma	aluku, be	cause.		0		· .	
	Transpor	tation between	en Island b	y using Ship	o, and Mar	itime Te	clecommun	ications u	ocean sed as ship	navigat	ion monitor	ing
Remarks					•						-	-

INVENTORY

Condition	Damaged Good		Good	
Maintenance Record C				
Reference		<u> </u>		
Date				71.4
Manufacturer	Furuno ICOM		Yuasa	
Serial No				
Type	NS-11A IC-M-700			
Description	Radio Equipment MF/HF System SSB Transceiver SSB Transceiver	Power Supply Equipment Power Adaptor & UPS	Battery Charger Battery	•
Registered No.			→	
No	1 1-1 2	2-1	3.2	

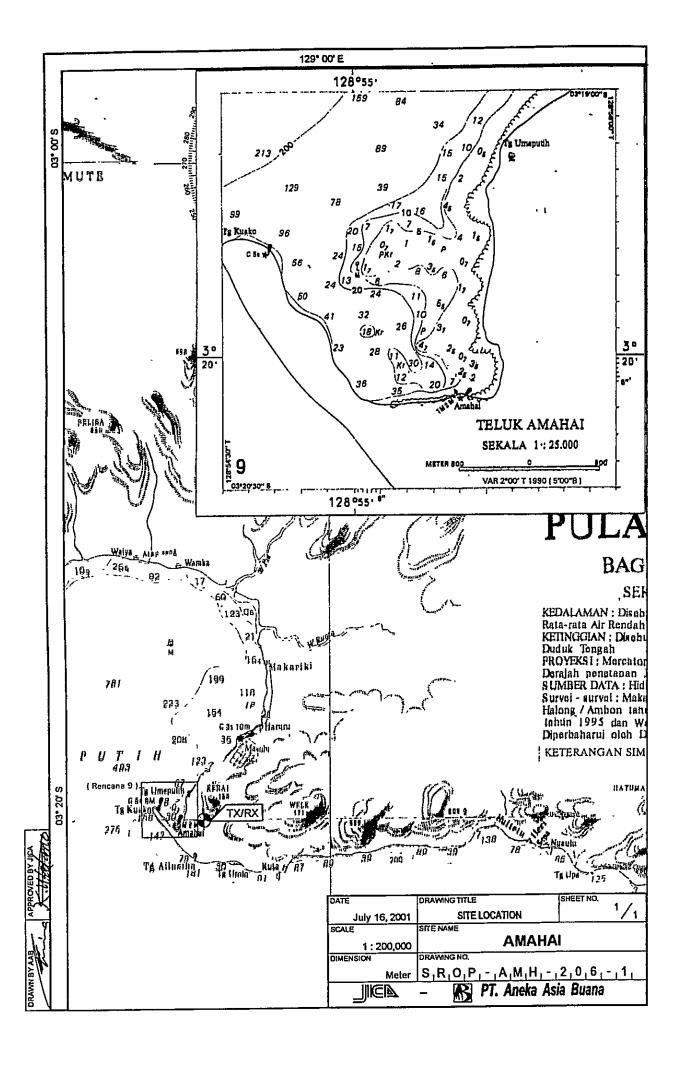
AMH-206-(1/1)

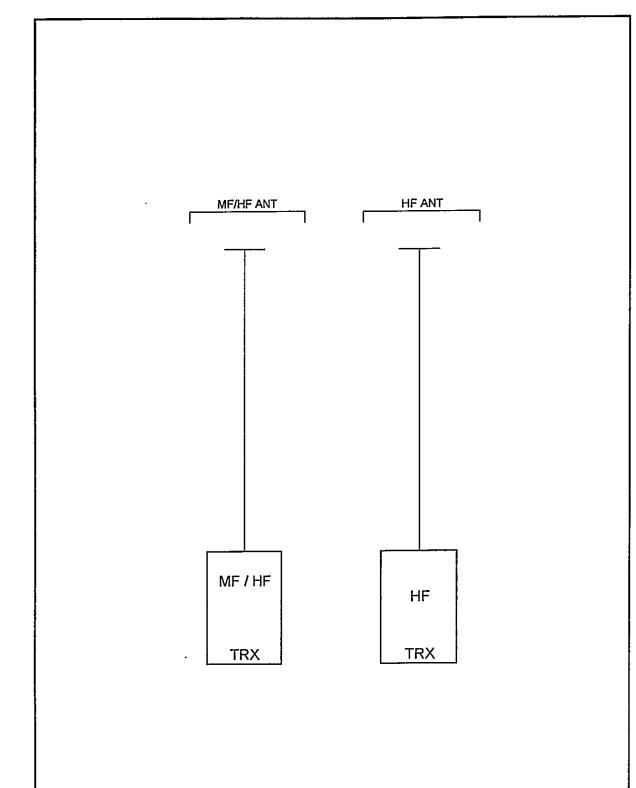
OPERATION SCHEDULE

Site Name: Amahai

(FREQUENCIES)
Call Sign: Mobile Service:
Fix Service:

Ĺ	FREQUENCY		OWER		
	(kHz)	(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 RE	REMARK
<u> </u>	Fix Service				
-		366	150		
N			150		
ო	9 925,0	JSE	150		
4			150		
သ	<u> </u>				
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ω					
6	1				
무					
11					
12	!				- 7
13					<u></u>
14					
5	1 1 1 1 1 1 1 1				
19					
17					
8					
9					
8					
7					
2					
133	1				
24					
25					
18					
27					





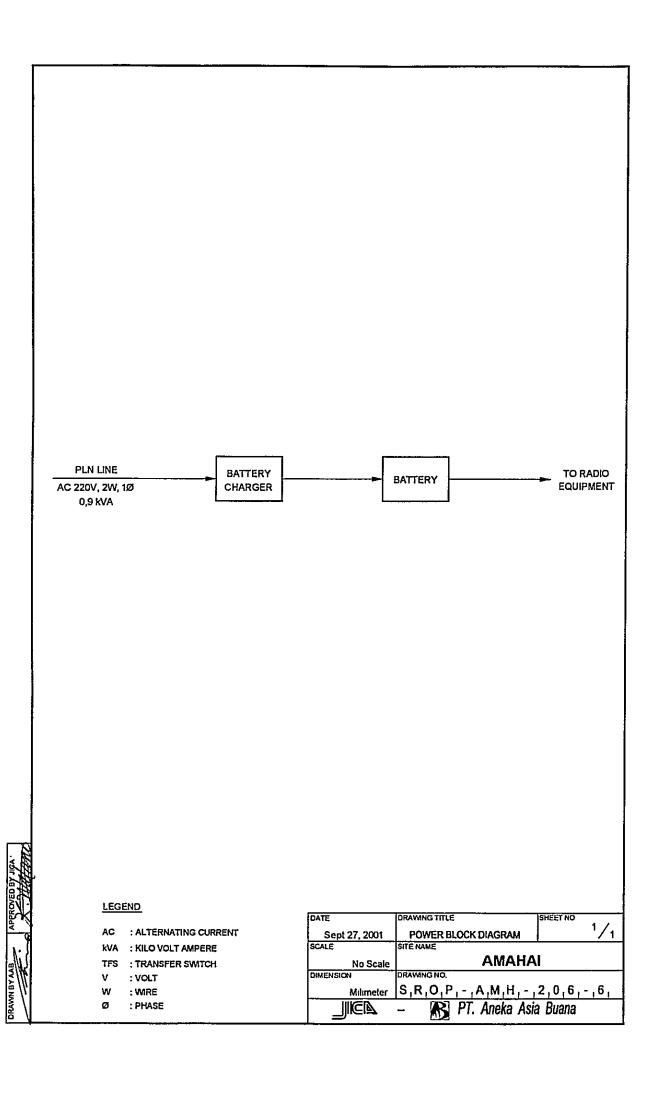
LEGEND

ANT : ANTENNA

: HIGH FREQUENCY MF : MEDIUM FREQUENCY

TRX : TRANSCEIVER

DATE	DRAWING TITLE	SHEET NO
Sept 27 . 2001	SYSTEM BLOCK DIAGRAM	/1
SCALE	SITE NAME	-
No Scale	AMAHA	
DIMENSION	DRAWING NO	
Milimeter	S _. R _. O _. P _. -,A _. M _. H _. -,	2,0,6,-,5,
	– 🦰 PT. Aneka Asi	a Buana



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

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

1ST CLASS DISTRICT NAVIGATION AREA (22) SORONG

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

1st Class District Navigation Area (22) Sorong

Table of Content

DISNAV	22	Sorong	1st Class
KANWIL	22	Sorong	
KPLP	22	Sorong	
SROP	207 208 209 210 211 212 213 214	Sorong Manokwari Fak-fak Kaimana Bintuni Amamapare Teminubuan Kokas	2nd Class 3rd Class 4th-A Class 4th-A Class 4th-A Class 4th-A Class 4th-B Class 4th-B Class

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

1st Class District Navigation Office (Area-22) Sorong

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	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
Note ☑	: : Available in this list Not Available in this list
ш	Unnecessary in this list

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

								CTT	77	SOD/					_
SUMMARY	OF DIS	NAV						SIT	ASS	SOR	JNG st	NO	<u> </u>	22	
1. LOCATION												<u> </u>	<u></u>		=
		-		Т	el.			Fax	,	Longitu	de		Lati	tude	_
Jl. Jend. Sudirman/Jl. S	Sawo			0951-		9	095	1-325506			50" E	00		30"	S
											-				_
2. GENERAL (CONDITION	NS					=				-				=
Moving f	irom Jakarta	S	ite A	ccess fr	om Po	rt	Ro	ad Traffi	c	Accom	modat	ion	Por	ulatio	n
Jefman	[Taking time.	0 00 III I		hway			Heav			☑ Hote			3,	00,00	0
By Speed to Sorong Boat	[Taking time:	100 m 1] Pav				Medi			☐ Mote	el				
By Car to Location	1 [Taking time:	0.15 hr.]	l Unp	paved r	oad		Light None								_
3.	CONDITIO	ONS OF	DIS	SNAV	OF)	FICI					Refer t	o at	tache	l drawi	= in
							 -								_
		Nature of S	Soil		$\neg\neg$	Pa	st dis	aster of si	ite	Confir	mation	of e	xistin	svster	n
☐ Flat	☐ Dry soil			neston	е	□ Fl	ood			Yes N				<u> </u>	_
☑ Slope	☐ Ordinary		Gra	avel	Ì	🗆 Fl	ood 7	Γide			3 Ant	enna	1		
☐ Hill-top	Hili-top □ Swampy							eakage			J Tov	vers	(Mas	ts)	
1	Address end. Sudirman/Jl. Sawo GENERAL CONDITIONS Moving from Jakarta Air to Bandara Jefinan Speed to Sorong Taking time: 1 Car to Location Taking time: 1 Site Conditions Topography Na Flat Dry soil Slope Ordinary Hill-top Swampy Basin Clay Valley Sandy itude and area 47,0 3.2 Building Conditions Constructions Num. of story Two Structure Concrete Type of roof Asbes Gel Type of ceiling Triplex Type of wall Brick Wall finish Mortar Flooring Ceramic Room Area (m²) eration room 400.00 G room 16.00 mark 4. OPERATION AN Actions taken in everation of spares Records of damages Heavy rainfall				ındy	□ Gı	round	i Subside	псе				ing sy		
	☐ Sandy	_											ig sys		
Altitude		2 m			- 1			one Line					Cable	Way	_
	'	7,000 m²			!	<u> </u>	2	Lines			I City	wat	er		_
		; <u> </u>					3,3	Power	So						
	Constructions				Sour	$\overline{}$		E/G				wer	Conc	litions	_
	Num. of story Two				220				V	Good Ba			1	•	_
					Phase 3 Wire 4								ns of	System	3_
		kV/			21			-					ns of .		_
				Ona	lity of		SOLU	rce						engine	_
Wall finish		Fluc	tuati				V ±			Day tan				Liter	_
Flooring	Ceramic	Ava	ilabili	ity of p	ower	per da			ours	Main tar				k Lite	r r
Room A	rea (m²)			terrupt			\uparrow	1 Ti			G Stan	d-b	y Sys		_
Operation room	400.0			erpt. ho			$\neg \vdash$	1 He	ours		ingle S				_
E/G room	16.0	0 Max	Max interpt, hours at once						ours		Dual Sy	sten	n		Τ
Remark															
4 OPT	DATION A	NID NAA	YAITE	TORIA	NOE			le pr	· DC	ONINE	T 150		# A 7E	TONG.	-
				_	NCE			5. Pr	7 K2	ONNE	LFU	KN	<u>IAI</u>	IUNS	<u>_</u>
Restoration flow	ictions taken n	equipme	III IA	nure				Chief						.	_
Examples of major failure		• • •				-		Operato	nr (sk	illed)			()		_
Sufficiency of spares								Technic					$\stackrel{\circ}{0}$		_
Records	of damages		Envi	ronme	ntal C	ondi	tions								
☐ Heavy rainfall		(Good	Bad											_
☐ Storm			V		cternal		:5	Total	1						_
☐ Lightning			◩		ir pollu			ļ							_
☐ Other calamity			<u> </u>		many	robb	ing								
	nstitutional an				<u> </u>	~~			· · · · ·	Traini					
1 Budget 2 Spares		fficient □						Course	1					Traine	<u>:e</u>
3 Measuring eqpt /t	ools □ En			sonable sonable				Spama	_	tructural tructural	A		1998	3	
4 Number of Operat				sonable					13	n octulal	اللامل ا	' 	<u>.</u>	د	—
5 Number of Techni				sonable					\dashv		<u> </u>	\dagger			-
											<u> </u>				

SUMN	LADV	OFD	TONIA	. 7				SITE	SOR	ONG		
SOIVIIV.	IANI	OF D	IONA	V				CLASS	5	1st	NO.	22
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/ Capadili	y of Tecl		3 Skilled	□ Not s			capable		<u> </u>	<u> </u>		
		6. STA	ATISTIC	CAL CO	MMUI	VICA'	TION T	RAFF	IC DAT	ΓA		
	Ma	ritime Sa	ıfety			Pı	ıblic Te	lecomn	nunicat	ion Se	rvice	
Years	TG	TEL	DSC	NBDP	Call Minut		phone	TG Call	Years	Tele	phone	TG Call
			}	<u> </u>			Minute			Call	Minute	
1996	!			1	1991				1996			
1997					1992				1997			
1998		!			1993				1998			
1999					1994				1999			
2000					1995				2000			
				7.	COM	MEN	TS					
Suggestion	Upgradir	ng Quantity/	quality for l	uman resou	rce Safety	fence I	Budgetary i	n accorda	nce with n	ecessity		
Remarks									·		- 1. 1.	

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

ADPEL/KPLP Office (Disnav Area - 22) Sorong

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
Note ☑	Available in this list
×	Not Available in this list

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

☐ Unnecessary in this list

November 2001

									1000				
SUMMAR	Y OF AD	PEL /	KP	LP					SOR	<u>ONG</u>	NO		ххп
1. LOCATION	V							CLASS			<u> </u>		71.71.11
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Tanjung Dofior Pelat	ouhan					\dashv			0 1	#	-	_	, ,,
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2. GENERAL	CONDITIO	NS						· · · · · · · · · · · · · · · · · · ·					
			ite A	ccess from	m Port	R	oad Tı	raffic	Accon	nmoda	tion	Pop	ulation
		6 00 hr]] Hig	hway					☑ Hot	el			
					-				-				
		<u>0 05</u> hr.]	J Un	paved roa	ad	团 Lig	ht						
						□ No	ne						
3. (CONDITIO	NS OF A	DPE	L/KPI	P OI	FIC	E		1	Refer	to att	ached	l drawin
									<u>.</u>				
<u></u>	<u> </u>	Nature of	Soil			Past d	lisaster	of site	Confi	rmatio	n of ex	isting	system
	☑ Dry soi			nestone		Floor	1						· · ·
1	,				1_		-			Ø Ar	itenna		
		•	Ro	cky		Rain	Leakas	ęе			wers		is)
☐ Basin	· ·	•		•			_				oundi		
□ Valley	1 .										ghtnin		
Altitude		m				Telep	hone l	Lines		₹ Fe	eder C	able	Way
Land area		m²							II I	Z Cit	y wat	er	
3.2 Buildir	ng Condition	s					.3 Po	wer So	urce				
				PLN S	Source	:	E/	G	Exis	ting P	ower	Cond	litions
Num. of story	One	Vol	tage		v			v					
Structure	Concrete									Pov	ver Su	pply	System
Type of roof	Asbestos	Wir	e							Ope	ration	s of I	E/G
Type of ceiling	Asbestos	kV	A.] Ope	ration	s of A	AVR
Type of wall	Brick			Qualit	ty of P	LN so	urce		Cap	acity o	of fuel	for e	ngine
Wall finish	Mortar	Flu	ctuati	ions		V	± %		Day tar	ık			Liter
Flooring	Mortar	Ava	ıilabil	lity of po	wer pe	r day		Hour	Main ta	nk			k Liter
Room	Area (m²)	Pov	ver in	iterruptio	n /mor	ıth		Times	E/	G Sta	nd-by	^r Syst	em
Operation room		Tot	al int	егрt. hou	rs /mo	nth		Hours		Single	Syste	m	
E/G room		Ma	k. inte	erpt. hou	rs at or	nce		Hours		Dual S	ystem	l	
Remark													
L									· · · · · · · · · · · · · · · · · · ·				
4 OB	EDATION .	AND MA	INT	'ENIANI	CF.		5	DEDG		7 T T T T T T T T T T T T T T T T T T T	ODM	[A T	IONS
					CE			rens	OUNINI	LI	UNIV.	IA I	IONS
	Actions taken	in equipme	at la	mure				ef		- 			
	re								killed)	- <u> </u>		()	
												$\frac{y}{0}$	
	ls of damages		Envi	ronment	al Cor	ıditior				 		<u> </u>	
	is or damages				.a. co.		110			1			
					ernal ne	oises	- To	tal		†			
							 -			•		1	
	•							•				\top	
	Institutional a	nd Human	Stat	uses					Traini	ng Re	cord		
Site Access from Port Road Traffic Accommendation								tion Pe	eriod	Trainec			
	ΠE	nough 🛘	Rea	sonable	□ Not	enous	gh	Ī				<u> </u>	
		nough 🛭	Rea	sonable	□ Not	enou	gh						
													
7 Capability of Te	chnician 🛭 SI	cilled 🔲	Not	so bad	☐ Not	capab	le	1		1			

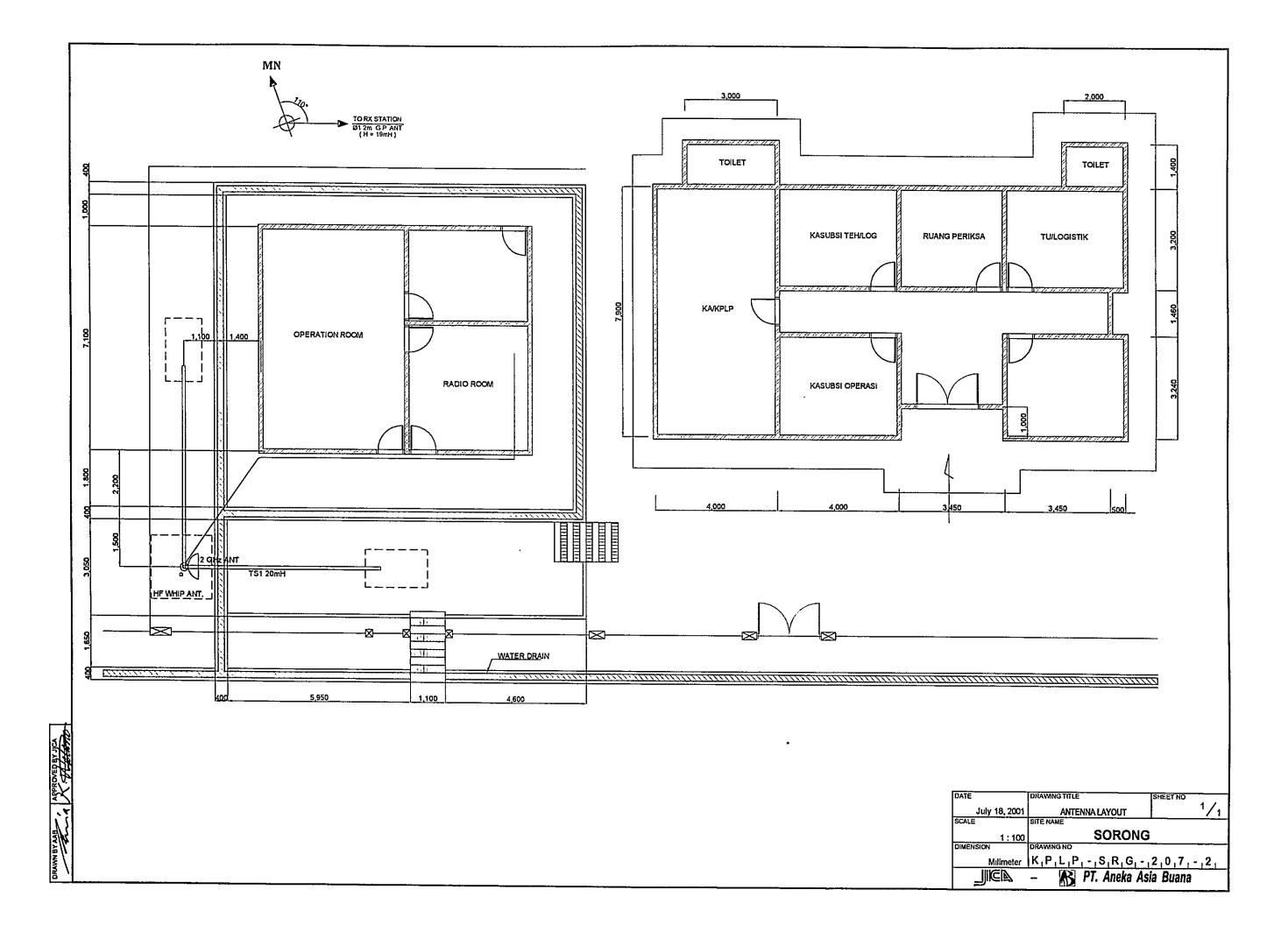
SUMM	IARV	OF A	DPFI	/ KDI	D			SITE	SOR	ONG		
SUIVEIV.		Or A	DI EL	/ 121 1	J.T.			CLASS	3		NO.	XXII
		6. STA	TISTIC	CAL CO	MMU	VICA'	TION T	RAFF	IC DAT	ΓA		-
	Mai	ritime Sa					ıblic Te				rvice	
Years	TG	TEL	DSC	NBDP	Years	Tele	phone	TG Call	Years	Tele	phone	TG Call
					<u> </u>	Call	Minute			Call	Minute	
1996					1991	**			1996			
1997					1992	-			1997			
1998					1993				1998			
1999					1994				1999		İ	
2000					1995				2000			
				7.	COM	MEN	TS				=	
Suggestion	1									···	 -	····
Remarks				~	-	1771	,				•	

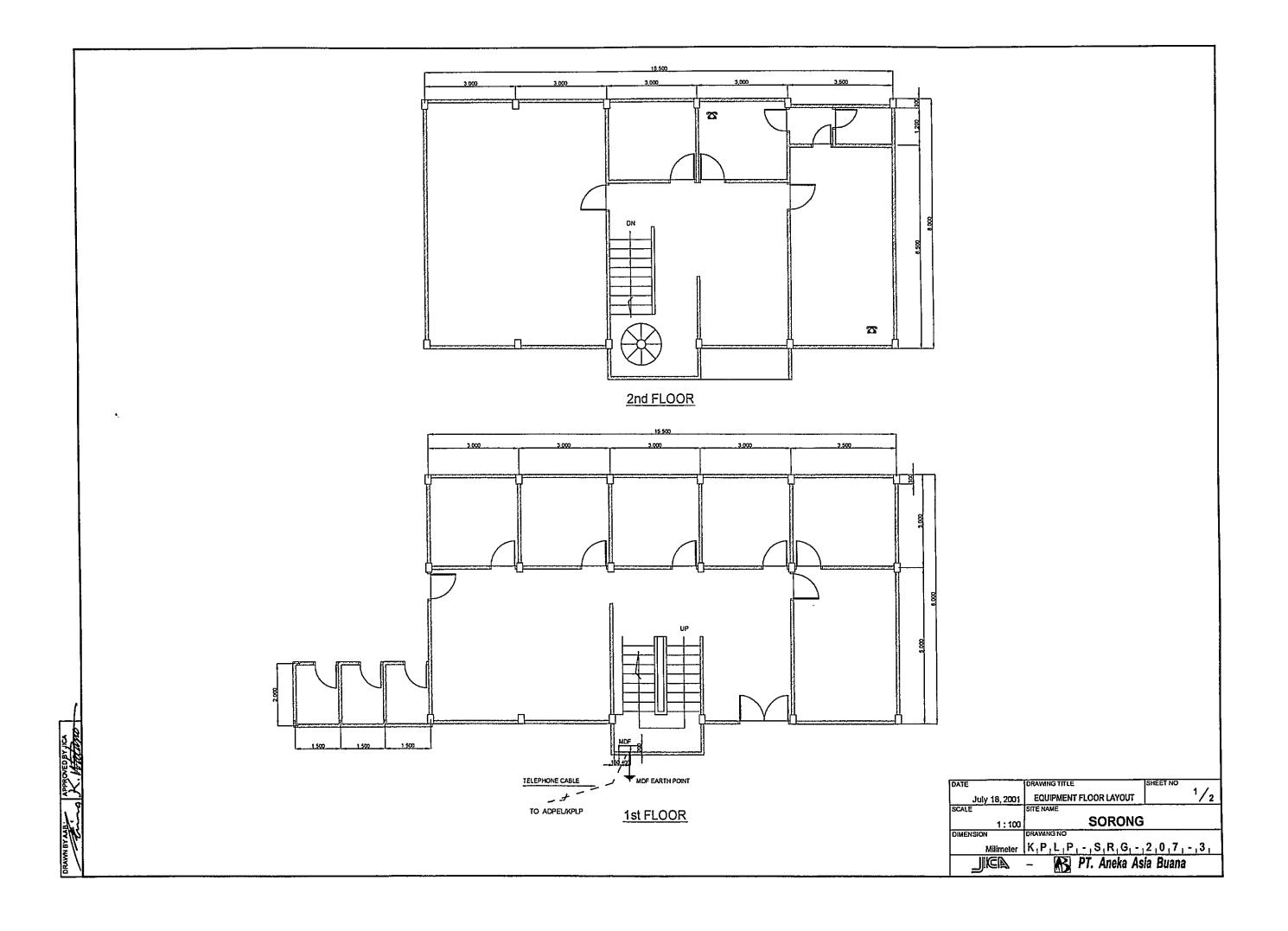
Registered No.	ed No.	Description	Tvne	Serial No.	Manufacturer	Pate	Reference	Maintenance Record	Condition
9			20 CT	2011	Manuaciulei	Date	INCICI CIICC	2 1022	Collustion
		Radio Equipment							
		Operator Console/Desk/Rack							
		Console-III-I							
		All Wave Receiving	NRD-93		JRC	1989	SAR Project		
		Spot Scanning Unit	NDH-93		JRC	1989	SAR Project		
		Telecontroller (TX)	NCH-300		JRC	1989	SAR Project		
		Telecontroller (RX)	NCG-95		JRC	1989	SAR Project		
		Marine VHF Telecontroller			JRC	1989	SAR Project		
		Signal Controller	NQP-21		JRC	1989	SAR Project		
		Speaker Panel	NVA-64		JRC	1989	SAR Project		
		Analog Clock	J-70-P-b		JRC	1989	SAR Project		
		Digital Clock	NKH-100		JRC	1989	SAR Project	_	
		Remote Control Unit (For MTRX)	JCC-300RR8		JRC	1989	SAR Project		
		Dialing Unit			JRC	1989	SAR Project		
		Headset (x2)			JRC	1989	SAR Project		
		Headsert (For MTRX)			JRC	1989	SAR Project		
		Ancillaries			JRC	1989	SAR Project		
		Console			JRC	1989	SAR Project		
		Telephone Device (x2)			JRC	1989	SAR Project		
		2128kHz A/A RX Monitor			JRC	1989	SAR Project		
		(TX) Telecontroller (For E)	NCH-300		JRC	1989	SAR Project		
		Telephony (x8)			JRC	1989	SAR Project		
		Telex			JRC	1989	SAR Project		
		Power Sunnly Fouinment							
		Isolation Transformer 1kVA			Ę	1000	מ מ א ני		
		Battery Charger 24V, 10A			ر ا	1080	SAR Project		
		Battery 24V, 30AH			IRC	1989	SAR Project		
		CVCF 1kVA			JRC	1989	SAR Project		
) -			
									·

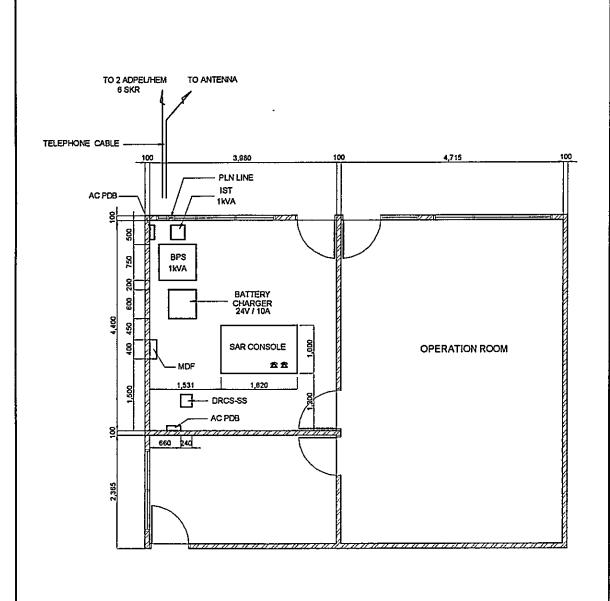
INVENTORY

									_		 _					
	Condition	:														
Maintenance	Record															
	Reference	SAR Project	SAR Project	SAR Project	SAR Project	SAR Project	SAR Project	SAR Project	SAR Project							
	Date	1989	6861	1989	1989	1989	1989	1989	1989							
	Manufacturer	Jai	JRC	JRC	JRC	JRC	JRC	JRC	JRC							
	Serial No															 •
	Type															
	Description	Remote Control Equipment DRCS-1	гох	MES	TTY	CE	TDMA	Telephony (x2)	Fax							
	Registered No.				6 -	<u> </u>										
	No	1-2														

-			
		•	





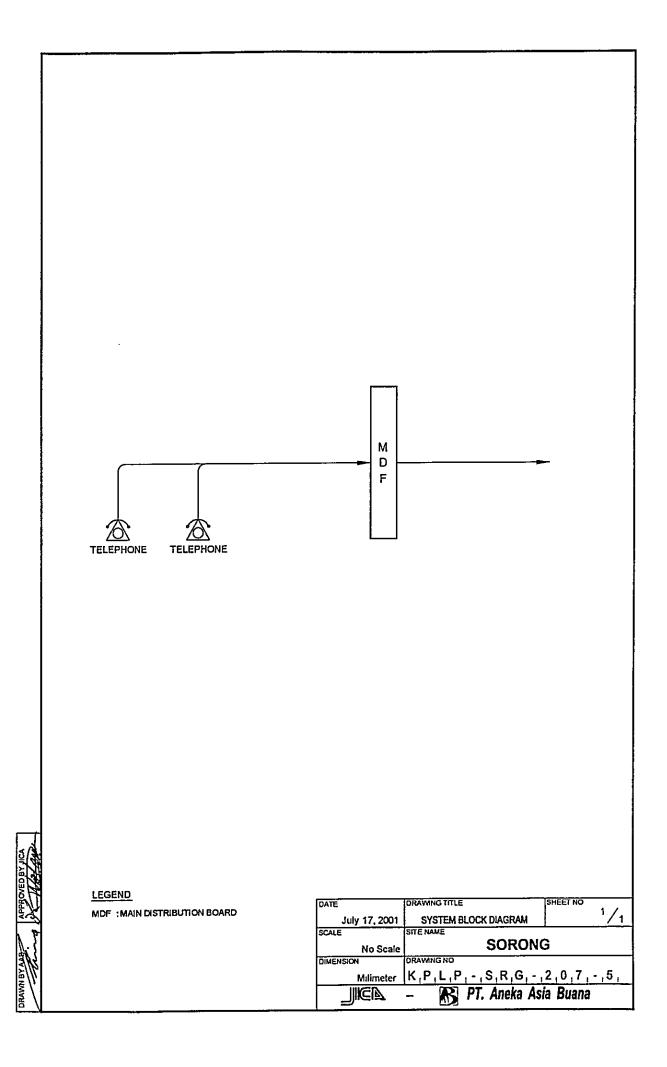


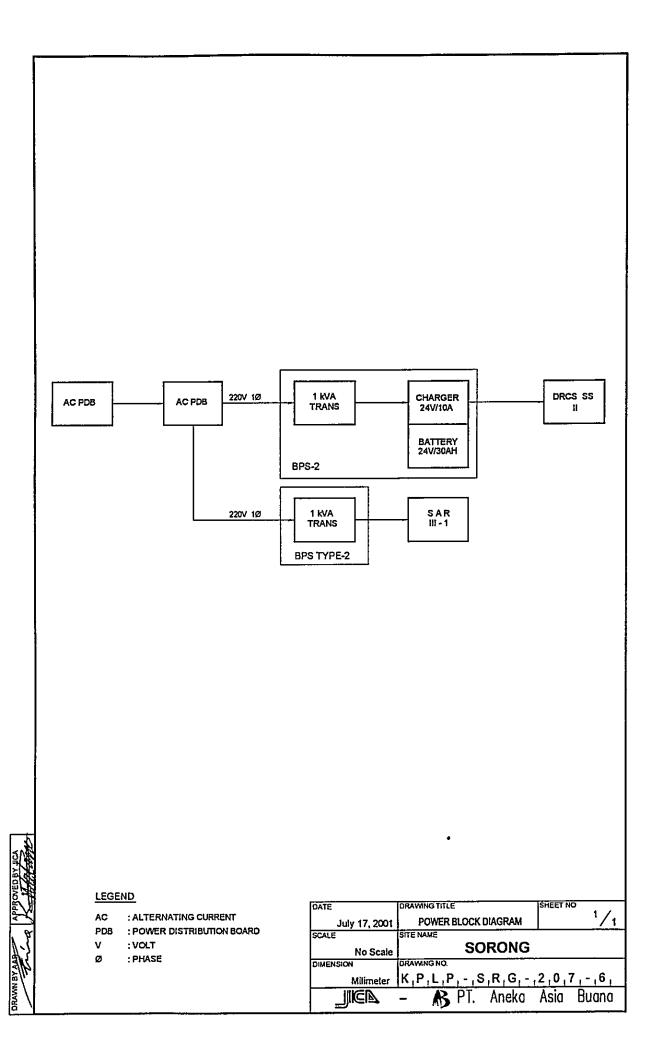
LEGEND

AC ALTERNATING CURRENT
BPS BATTERY POWER SUPPLY
IST ISOLATION TRANSFORMER
kVA ' KILO VOLT AMPERE
MDF MAIN DISTRIBUTION FRAME
PDB POWER DISTRIBUTION BOARD

DATE	DRAWING TITLE	SHEET NO.
July 18, 2001	EQUIPMENT FLOOR LAYOUT	2/2
SCALE	SITE NAME	
1:75	SORONG	
DIMENSION	DRAWING NO	· · · · · · · · · · · · · · · · · · ·
Milimeter	K,P,L,P,-,S,R,G,-,	2,0,7,-,3,
	- B PT. Aneka Asi	a Buana

AWN BY AAB





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

2nd Class Coast Station Sorong (Coast Station No. 207)

Table of Content

- ☑ Summary of Coast Station
- ☑ Inventory
- ☑ Status of Trouble
- ☑ Operation Schedule (Frequencies)
- RX TX Drawings:

- ☑ 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

							lett	T.	Icor	ONG			
SUMMARY	Y OF COAST	rst	$\Gamma \mathbf{A}'$	ΓΙΟΝ			SIT		SOI	RONG	hro		207
							ĮCL.	ASS	<u> </u>	2nd	NO	·	207
1. LOCATION Station	Address			Tel.		Τ	F	· •	· . •4			*	1.
	ademak-II Sorong	\rightarrow)951-32182	7	_	<u>Fax</u> 1-325507		ongit	uae 54" E	000	Latite 53'	02" S
	Rahmat Km 9.5 Soron	10		7771-32162		0931	1-323307	131		29" E	000		02 S
	CONDITIONS	<u>.5 (</u>				<u> </u>		131					
	from Jakarta	Sid	te Ac	cess from Po	net	Dar	ad Traffi		Acce	mmoda	ion I	Done	lation
By Air to Jefman		뉴][<u>기</u>				Heav		<u>.c</u>	□ Ho		1011		50,000
By Ship to Sorong		hr.]				Medi			Ø Mo				50,000
By Car to Location				aved road		Light				,,,,,,	_		
	· · · · · · · · · · · · · · · · · · ·	\top				None							
3. C	CONDITIONS OF	RE	CEI	VING S	[AT]	ION				Refer	to atta	ached	drawing
3.1 Site Conditi	ons												
Topography	Natur	e of S	oil		Pa	st dis	aster of s	te	Con	īrmatio	ofex	isting	system
☐ Flat	☑ Dry soil		Lim	estone	□ F!	ood			Yes	No			
☐ Slope	☐ Ordinary		Grav	vel	□ Fi	ood 7	Tide		Ø	□ An	tenna		
☑ Hill-top	□ Swampy		Roc	ky			eakage		Ø			Mast	
☐ Basin	□ Clay				□ G	round	d Subside	nce	Ø			ng sys	
□ Valley	☐ Sandy								Ø			g syste	
Altitude	45.00						one Line		<u> </u>			able V	Vay
Land area	1,600	m²			Ø	1	Lines		<u> </u>	☐ Cit	y wate	er	
	g Conditions	<u> </u>				3.3	Power	r Soı					
	ructions	4	_	PLN Sou			E/G			sting Po	wer (Cond Cond	itions
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Structure	Concrete	Phas	$\overline{}$		3			1		Pow			
Type of roof Type of ceiling	Asbestos Asbestos	Wire kVA			5			5		□ Ope			
Type of wall	Brick	KVA		Quality o	_	I com	roo	3					
Wall finish	Teakwood	Fluct	histic			V ±			Day ta	pacity o		100	
Flooring	Tile			ty of power					Main 1				k Liter
	Area (m²)			erruption /r		<u> </u>		imes		C/G Star	nd-by		
Operation room	144.00			rpt. hours /				ours		Single			C111
E/G room	30.00			rpt. hours a	_	_		ours	Ø	Dual S			
Remark		.F											
													
4. CO	NDITIONS OF 1	'RAN					ON			Refer	o atta	ched	drawing
				Site Cond	_			 _					
Topography	Natur						aster of si	te		rmation	of exi	sting	system
☑ Flat	☐ Dry soil			estone	Ø FI			ļ		No			
☐ Slope	□ Ordinary		Grav		ı	ood T			<u> </u>		enna		
☐ Hill-top	☑ Swampy		Roc	ку			eakage		<u> </u>			Masts	
☐ Basin ☐ Valley	Clay				U (31 	round	i Subside	nce	<u> </u>			g sys	
□ Valley Altitude	☐ Sandy					alan-	one I inc		<u>a</u>	☐ Lig☐ Fee			
Land area	9,400	m 2			☑ ,	cicbu	one Lines	_				able V	vay
Frann sics	1 9,400	1111			ــــــــــــــــــــــــــــــــــــــ		Lines		<u>(21</u>	<u> </u>	/ wate	1.	

														
SUMN	IAR	OF	COAST	STA	OIT.	N			SITE		ONG	NO.		207
								-42			2nd Pofor	to attac		207
			TRANSM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 214	ATION	,				Kerer	to arrac	hea	drawin
Bı		Condit		<u> </u>	T		 J		wer Sou					
<u>-</u>		tructions		<u> </u>		Source	 		E/G			ower C	ond	itions
Num. o		One		Voltage	220	0/380 V	↓	220	0/380 V	Good I				
Structu		Concret	<u>ie</u>	Phase	 	3	↓		3			ver Sup		
Type of		Ardex		Wire	<u> </u>	4	 		4			rations		
	f ceiling	Ardex		kVA	<u> </u>	60	ـــــــــــــــــــــــــــــــــــــــ		40			rations		
Type of		Brick		<u> </u>		lity of PL						of fuel f		
Wall fin		Teakwo	od	Fluctuati				± %		Day ta		3	50 I	
Flooring		Tile				ower per			24 Hour					k Liter
·		Area (m²		+		ion /montl			3 Times			nd-by		em
Operation:			144.00			ours/mont		'	0.5 Hours	_		System	<u> </u>	
E/G roon	<u>a</u>		34.00	Max. inte	erpt. ho	ours at onc	<u>e </u>		4 Hours	s 🗹	Dual S	ystem		
Remark	,													
								<u> </u>			~~.			
			ON AND N			NCE_		上	6. PERS	SONNI				
			aken in equij	pment fa	ilure						F	RX		TX
Restoration flo	- · ·		and repair					_	Chief			1		
Examples of n		- F	Amplifier CP		DSC F	leg.			perator (s			9 (2)	<u> </u>	2 (2)
Sufficiency of			Part & Spare			 -			echnician			0		0
		s of dama	ages			ntal Cond	litions	5 A	dministrat	tor				
☐ Heavy ra	ainfall				Bad			<u> </u>						
□ Storm						cternal nois		T	otal	 		10		2
☑ Lightnin		Antenna M	<u>fonocon</u>		□ Aiı	r pollution	<u> </u>							
☐ Other ca					L			丰						
	<u>J</u>	<u>institutio</u>	nal and Hun			·		丄			ing Re		-1-	
1 Budget			Sufficient						Course	Class	Locat	tion Per	iod i	Crainee
2 Spares			☐ Enough			☑ Not e						_ _		
3 Measurii			☐ Enough								<u> </u>			
4 Number			□ Enough			☑ Not e							_	
5 Number			☐ Enough			☑ Not e							_	
6 Capabilit			☐ Skilled			□ Not c								
7 Capabilit	ty of Teci	nnician	☐ Skilled	☑ Not	so bad	□ Not c	apable	<u>e</u>			<u> </u>			
		7. S7	FATISTIC	AL CO	MMI	UNICAT	(IOI)	VT.	RAFFI	C DAT	`A			
	Ma	ritime S			1				lecomm			rvice		
Venus	TG	TEL		MEDD	\	Telep	phone		TG			phone	Т	TG
Years	16	IEL	DSC	NBDP	Year	Call	Mina	40	Call	Years	Call	Minu	-	Call
1996	48	48			1991		1,05		+	1996	Call 482	\rightarrow	_	
1997	36			í	1992		1,10			1997	410			
1997	20	20		, <u>.</u>	1992		1,10		,——	1997	380			
1999	11	11	- 	ı — — —	1994		1,17	 -		1999	310			
2000	7		7		1995		1,63			2000	310			
£000 j		1 -								£000 ;		1 ***		
	L	:_				MMEN?								
			munication in (ithou	t
Suggestion		al IOF USING	g Maritime Free completed by li-	quency and	io Comr	ussish Ol II. Inoitesiaum	on, esp	рсска ••• Ра	ally for ivio	bile Servi	rmies-Ir	.ton eed deci	નિત્ત	;
uggestion.	Frequen	cv; Used N	Maritime Freque	ency for pr	rivate co	mmunicali	on witl	h shi	ip.	L Wount	Hillaa wa)(u u.c.,	ucc	
	1 '	• '	•						•					

Remarks

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
7 -		Radio Equinment							
1-1		Transmitter							
-	2.06 03 02.03	1 kW MF Transmitter	JRS-108P	BS-61996	JRC	1987	F-TA-PH-1		Good
7	2 06 03 02.03	1 kW MF Transmitter	JRS-108P	BS-61997	JRC	1987	F-TA-PH-1		Good
m	2 06 03.03.03	1 kW MF/HF Transmitter	JRS-106NB	BS-61917	JRC	1987	F-TA-PH-1		Good
4	2 06,03 03 03	I kW MF/HF Transmitter	JRS-106NB	BS-61918	JRC	1987	F-TA-PH-1		Good
5	2.06.03.03.03	1 kW MF/HF Transmitter	JRS-106NB	BS-61919	JRC	1987	F-TA-PH-1		Good
9	2,06 03 03.03	1 kW MF/HF Transmitter	JRS-106NB	BS-61920	JRC	1987	F-TA-PH-1	•	Good
7	2.06 03.03.03	1 kW MF/HF Transmitter	JRS-106NB	BS-71821	JRC	1987	F-TA-PH-1		Good
∞	2 06 03 02.03	1 kW HF Transmitter	JRS-108P	BS-62098	JRC	1990	F-TA-PH-2		Good
6	2.06.03 02.03	1 kW HF Transmitter	JRS-108P	BS-62099	JRC	1990	F-TA-PH-2		Good
0	2.06 03 03.03	1 kW HF Transmitter (DSC/NBDP)	JRS-106NB	BS-61937	JRC	1996	F-TA-PH-3		75% Good
1-2		Remote Control System							
1-2-1		Remote Control						-	
_	2 06.05.06.03	Multiplex Radio	JUP-450	EM-11774	JRC	1987	F-TA-PH-1		Good
7	2 06.05.06.03	Multiplex Radio	JUP-450	EM-11775	JRC	1987	F-TA-PH-1		Good
m	2 06.05 06 03	Multiplex Radio	JUP-450	EM-11776	JRC	1987	F-TA-PH-1		Good
4	2 06 05 06 03	Multiplex Radio	JUP-450	EM-11777	JRC	1987	F-TA-PH-1		Good
Υ	2.06 05 06 03	Multiplex Terminal	JUF-5A	EP-12049	JRC	1987	F-TA-PH-1		Good
9	2.06 05 06.03	Multiplex Terminal	JUF-5A	EP-12050	JRC	1987	F-TA-PH-1		Good
		Remote Control Rack	GED-1090A	BP-90940	JRC	1987	F-TA-PH-1		Good
∞ ₁		Remote Control Rack	GED-1110B	BP-91937	JRC	1990	F-TA-PH-2		Good
ი ;		Local Terminal Unit	JCC-300LR8	BP-90875	JRC	1987	F-TA-PH-1		Good
2 :		Local Terminal Unit	JCC-300LR8	BP-90876	JRC	1987	F-TA-PH-1		Good
= :		Local Terminal Unit	JCC-300LR8	BP-90877	JRC	1987	F-TA-PH-1	•	Good
<u></u>		Local Terminal Unit	JCC-300LR8	BP-90878	JRC	1987	F-TA-PH-1		Good
13	- 1	Local Terminal Unit	JCC-300LR8	BP-90879	JRC	1987	F-TA-PH-1		Good
14		Local Terminal Unit	JCC-300LR8	BP-90880	JRC	1987	F-TA-PH-1		Good
15		Main Distribution Frame	NQE-40A2	EQ-14019	JRC	1987	F-TA-PH-1		Good
91		Main Distribution Frame	NQE-40A2	EQ-14020	JRC	1987	F-TA-PH-1		Good
		Local Jeimin Om (Fol NEDF)	שיים איים איים	DI90908	JKC	0%	F-1A-PH-3		Good

SRG-207- (2 / 9) Site Name: Sorong INVENTORY

;	;						Maintenance	
Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Record	Condition
=	Noise Filter (For GED-1113A)	NFH-300B	1	JRC	9661	F-TA-PH-3		Good
	Local Terminal Unit	JCC-300LR8W	BP-90988	JRC	9661	F-TA-PH-3	_	Good
2.06.05.04 05	Supervisory Console	NCA-640	BP-90840	JRC	1987	F-TA-PH-1		Good
_	Receiver	NRD-93	BR-41439	JRC	1987	F-TA-PH-1		Good
<u></u> -	Speaker Panel (1)	NVA-64		JRC	1987	F-TA-PH-1		Good
•	TX Status Display Panel (1)	NCG-61F/124		JRC	1987	F-TA-PH-1		Good
	Antenna Status Display Panel (1)	NCG-62C		JRC	1987	F-TA-PH-1		Good
•	TX Signal Patching Panel	NQA-847	BP-90844	JRC	1987	F-TA-PH-1		Good
	Power Supply (1)	CBD-665		JRC	1987	F-TA-PH-1		Good
	Clock (1)	HCED00023	••••	JRC	1987	F-TA-PH-1		Good
-	Operator Console/Desk/Rack							
	MF TG Console							
_	Receiver	NRD-93	BR-41444	JRC	1987	F-TA-PH-1		Good
	Receiver	NRD-93	BR-41445	JRC	1987	F-TA-PH-1		Good
~.	Speaker Panel (1)	NVA-64		JRC	1987	F.TA-PH-1		Good
	Antenna Devider	CB-721S-S	0448	JRC	1987	F-TA-PH-1		Good
	Signal Controller	NQP-22	BP-90974	JRC	1987	F-TA-PH-1		Cood
•	Felecontroller	NCH-300P	BP-90918	JRC	1987	F-TA-PH-1		Good
	500 kHz AA	JXA-15A	BA-21121	JRC	1987	F-TA-PH-1		Good
	Power Supply	NBA-3579	BA-21121	JRC	1987	F-TA-PH-1		Good
	Morse Transmitting	NBK-2	BP-90950	JRC	1987	F-TA-PH-1		Good
	Buzzer (1)	BZ-18		JRC	1987	F-TA-PH-1		Good
<u>.</u>	Jack Panel (1)	NQC-497A		JRC	1987	F-TA-PH-1		Good
_	Clock	HCED00018		JRC	1987	F-TA-PH-1		Good
2 06.04.03.03	HF TG Console							
<u></u>	Receiver	NRD-93	BR-41440	JRC	1987	F-TA-PH-1		Good
	Receiver	NRD-93	BR-41441	JRC	1987	F-TA-PH-1		Good
<u>~•</u>	Scanning Unit	NDH-93	BR-41440	JRC	1987	F-TA-PII-1		Good
	Speaker Panel (1)	NVA-64		JIKC	1987	F-TA-PH-1		Good
-	Antenna Devider	CB-721S-S	0451	JRC	1987	F-TA-PH-1		Good
	Signal Controller	NQP-22	BP-90973	JRC	1987	F-TA-PH-1		Good
•	Telecontroller	NCH-300P	BP-90915	JRC	1987	F-TA-PH-1		Good
-	Jack Panel (1)	NQC-497A		JRC	1987	F-TA-PH-1		Good
	Power Supply Unit (1)	NRK-31D		JRC	1087	F-TA-PH-1		2000

Site Name: Sorong INVENTORY

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									_		_	_													_					_		_	
Condition	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	}	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good		Good	Good	Good
Maintenance Record																																	
Reference	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1		F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1		F-TA-PH-1	F-TA-PH-1	F-TA-PH-1
Date	1987	1987	1987	1987	1987	1987	1987	1987	1987	1987	1987	1987	1987	1987	•	1987	1987	1987	1987	1987	1987	1987	1987	1987	1987	1987	1987	1987	1987		1987	1987	1987
Manufacturer	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC		JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC		JRC	Siemens	JRC
Serial No		BR-41442	BR-41443	BR-41442		0449	BP-90961	BP-90916	BP-90917		BP-90767	BA-21045				BR-41476	BR-41477		0452	BP-90962	BP-90919	BP-90920	BB-10192	GA-11019	BP-90768	-14					BP-90946	BC/V102544	BP-90777
Type	HCED00023	NRD-93	NRD-93	NDH-93	NVA-64	CB-721S-S	NQP-22	NCH-300P	NCH-300P	NQC-497A	NQQ-31A	JXA-8A	NBK-31D	HCED00020		NRD-93	NRD-93	NVA-64	CB-721S-S	NQP-21	NCH-300P	NCH-300P	NZA-15	NCL-550A	NQQ-31A	NQC-497A	NTR-3302	NBK-31D	HCED00023		GED-1086A	T-1000S	NQQ-18G
Description	Clock (1) MF/HF TP Console	Receiver	Receiver	Scanning Unit	Speaker Panel (1)	Antenna Devider	Signal Controller	Telecontroller	Telecontroller	Jack Panel (1)	Telephone Repeater	2182 kHz AA	Power Supply Unit (1)	Clock (1)	FIX COMM. Console	Receiver	Receiver	Speaker Panel (1)	Antenna Devider	Signal Controller	Telecontroller	Telecontroller	Lincompex	ARQ Equipment	Telephone Repeater	Jack Panel (1)	Head Set (1)	Power Supply Unit (1)	Clock (1)	Search & Monitor Console	Connection Rack	Teleprinter	Common Repeater
Registered No.	2 06 04 04.03				-			-	-	•					2.06 04 03.03									7				 .	- = -	_ -			
No	10 1-3-3	-	α	m	4	S	9	7	∞	σ	0	=	12	13	1-3-4	-	7	m	4	5	9	_	∞	6	9	=	12	13	14	1-3-5	_	7	2

Site Name: Sorong INVENTORY

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Condition	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Sood	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good		Good	Good	Good	Good	Good
Maintenance Record																																		
Reference	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3		F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3	F-TA-PH-3
Date	1987	1987	1987	1987	1987	1987	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996	1996		9661	1996	1996	1996	1996
Manufacturer	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC	JRC		JRC	JRC	JRC	JRC	JRC
Serial No			BA-21121	BA-21045	BA-21121	BP-21121	BP-90850	BR-41472	BR-41473	BR-41472	BR-41473		BR-90947	BR-90986	BR-90936	_	GA-11028	GA-11104	GA-11106	7	-		,	_	_	BC/V102556	BC/V102557	_		BP-98275	_		AI9000A4LHD	66-76381
Type	NCH-100A	NQD-3013C	JXA-15A	JXA-8A	BZ-18	NBA-3579	NCA-641B	NRD-93	NRD-93	NDH-93	NDH-93	NVA-64	NQP-22	NQP-22	NCH-300P	NHH-556A	NCL-550A	NQE-556A	NCT-60C	CQD-503A	NBK-31D	6HCED00075		NQE-584C	NQD-3193A	T-1000S	T-1000S	NCJ-400A		NCA-783C	NQD-3655C	NBK-31	PC-100	6542-105
Description	E/G Control Panel (1)	Junction Box (1)	500kHz AA Receiver	2182kHz AA Receiver	500kHz AA Buzzer	Power Unit	DSC/NBDP Console (3U)	Receiver	Receiver	Scanning Unit	Scanning Unit	Speaker Panel	Sign. Controller without VODAS	Sign. Controller without VODAS	Telecontroller	2W/4W Converter	ARQ Equipment	Telex Operation Unit	DSC Terminal	Connection Box	Power Supply Unit	Clock (+9H)	Cabinet for Analog Clock	RF Jack Panel	Junction Box	Teleprinter	Teleprinter	AF & Key Switch	DSC Console (RX Station)	DSC Console (Distress/Gen.Call)	Junction Box	Power Supply	PC 150 DX4-100MHz	ICRT Display
Registered No.											•																							
No	4	'n	9	-	∞	0	1-3-6		7	m ·	4 1	Λ·	Φ.	_	∞ ₁	6	0	= :	12	13	7 :	15	91	1.7	<u>∞</u>	19	50	77	1-3-7		7	m	4 1	2

INVENTORY

	Condition	Good	Good	Good	Good	Good	Good		Good	Good	Good	Good	Good	Good	Good	Good		Good	Good	Good	Good	Good			Good	Good	Good		Good	Good		Good	Good	Good
Maintenance	Record																																	
	Reference	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-3	F-TA-PH-3		F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1		F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-1	F-TA-PH-3			F-TA-PH-1	F-TA-PH-1	F-TA-PH-3		F-TA-PH-3	F-TA-PH-3				
	Date	1987	1987	1987	1987	1996	1996		1987	1987	1987	1985	1987	1987	1987	1985		1987	1987	1987	1987	1996			1987	1987	1996		1996	9661				
	Manufacturer					JRC	JRC															JRC			JRC	JRC	JRC		JRC	JRC		SS	SS .	Shaun
	Serial No	BC-15225	BC-15226	BC-15227	BP-24872	BC-19343	BC-19344		BC-15211	BC-15212	BC-15213	BC-13513	BC-15772	BC-15773	BC-15774	BC-13553		BP-91293	BP-91386	No.27	No.28	BP-98605			W100836-2	W100836-6	BP-99983		BP-99812	BP-99823				
	Type	NQA-80B	NQA-80B	NQA-80B	NBA-80	NQA-80B	NQA-80B		NAF-80FA	NAF-80FA	NAF-80FA	NAF-80FA	CFL-172	CFL-172	CFL-172	CFL-172		NFG-3CA	NCM-134F	AW-314	AW-314	NFG-140A			NBJ-223A	NBJ-223B	NBJ-402RC		NBL-227C	NBL-227F			į	E-7621
	Description	Antenna Changer	Antenna Changer	Antenna Changer	Power Supply Unit	Antenna Changer (For RX)	Antenna Changer (For RX)	Antenna Selector	Antenna Multi Coupler	Antenna Multı Coupler	Antenna Multi Coupler	Antenna Multi Coupler	BC Band Rejection Filter	BC Band Rejection Filter	BC Band Rejection Filter	BC Band Rejection Filter	Antenna Matching Unit	Antenna Matching Unit	Matching Unit Control	Matching Unit	Matching Unit	TX AMU for I/L (For DSC)	Power Supply Equipment	Power Distribution Board	PDB (TX)	PDB (RX)	Type RC (for RX) 220V, 1P	Isolation Transformer	40kVA, 380V, 3P (For TX)	5kVA, 220V, 1P (For RX)	UPS & AVR		Accumulator 12V/200AH (2)	Accu Charger
	Registered No.			-					, -	-			<u> </u>				,					-			1		<u>.</u>		7			•	-	
	No	٧	9	_	∞	6	01		=	2	13	7	15	91	17	18	2-4	_	2	m	4	'n	9	3-1		7	m	3-2	-	7	3-3	_	77	า

Condition	Good Good Good	pood Bood Good Dood Good	p p p p p p p p p p p p p p p p p p p
\vdash			
Maintenance Record			
Reference	F-TA-PH-1 F-TA-PH-1 F-TA-PH-1	F-TA-PH-1 F-TA-PH-1 F-TA-PH-1 F-TA-PH-1 F-TA-PH-1 F-TA-PH-1	
Date	1987 1987 1996	1987 1987 1987 1987 1987 1987 1987	
Manufacturer	Delta JRC JRC JRC	Taiyo Taiyo Taiyo Taiyo M.Deutz M.Deutz M.Deutz	
Serial No	NS-103610 S-23539 S-23533 9605A016	G-113135 G-113138 G-113130 G-113132 0507748C 0507746C	B-032362 M-21237 M-81236 51753002 M-17935 5K1781 7S-904-3 M-43334 M-43334 M-71234 M-11257 32167 6C8701 31989 M-51235
Туре	KR-02415 ERED-00011 ERED-00014 NP20A04	PX-G34A PX-G34A PX-G26A PX-G26A F5L912 F5L912 F5L912	2235 MG-3601A MF-57A 796F MS-62B 3010 KAT-502 M-69A MS-52B MA-52A TP-513A AX-303TR TP-511A MG-54D
Description	Accu Charger 40kVA AVR (TX) 5kVA AVR (RX) 2kVA, 220V, 1P UPS Net Pro 2000	Engine Generator Generator 40kVA (TX) Generator 40kVA (TX) Generator 5kVA (RX) Generator 5kVA (RX) Engine Engine Engine Engine	Measuring Equipment Oscilloscope Signal Generator Frequency Counter Audio Distortion Meter Spectrum Analizer Multi Meter Attenuator Field Strength Meter Electronic Volt Meter CM Direction Meter CM Direction Meter Cyrcuit Tester Power Meter Greuit Tester Power Meter Greuit Tester Fower Meter Fransmission Measuring Set
Registered No.			
No	4 5 9 7	4. 4. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	4 1 2 8 4 8 9 0 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

INVENTORY

Site Name: Sorong

								Maintenance	
No	No Registered No.	Description	Type	Serial No	Serial No Manufacturer Date	Date	Reference	Record	Condition
18		Selective Level Meter Generator	AD-7530	73900902					Good
61		Psophometrics Weighting Network	NJM-776B	ES-11914					Good
20		Psophometrics Weighting Network	NJM-776B	ES-11915					Good
10		Others							
_		Dummy Load	DL-102A-SJ-A 98196-2	98196-2	-				Good
7		Air Conditioner 2x1, 5PK	Split		Sanyo				Good
٣		Air Conditioner 4x1, 5PK	Window		Sanyo				Good
4		Tool Kit (2)	ZPED00002						Good
Ś	-	Tool Kit (2)	MD-XP217A-74						Good
9		Motor Drive Wire Wrapper	EW-7D	791006					Good
7		Motor Drive Wrre Wrapper	EW-7D	100/167					Good

STATUS OF TROUBLES

SITE NAME: SORONG

				J
Item / Equipment	Antenna Monocon 18M / -			-
Manufacturer	England			
Manufacturer in year	1987			т-
Defective panel / unit				1
	Cause doe to:		Repairing to be:	T
	☐ Aging		☐ Immediacy	T
Details of Tromble Status	区 Lightning	2. cas C 3 c	☐ By next year budget	1
Colairs of 110doic Status	☐ Corrosion	Organicy of Nepall	区 By next project	
	☐ Lack of Spares		☐ Unnecessary	l
	☐ Others			T
General Comment for Maintenance:	ôžÍ			1
Needed routine maintenance				
Un-sufficient Maintenance Budget				
Un-sufficient Spare part				
Un-sufficient Spare Unit				-
				_

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STATUS OF TROUBLES

SITE NAME: SORONG

SRG-207-(2/2)

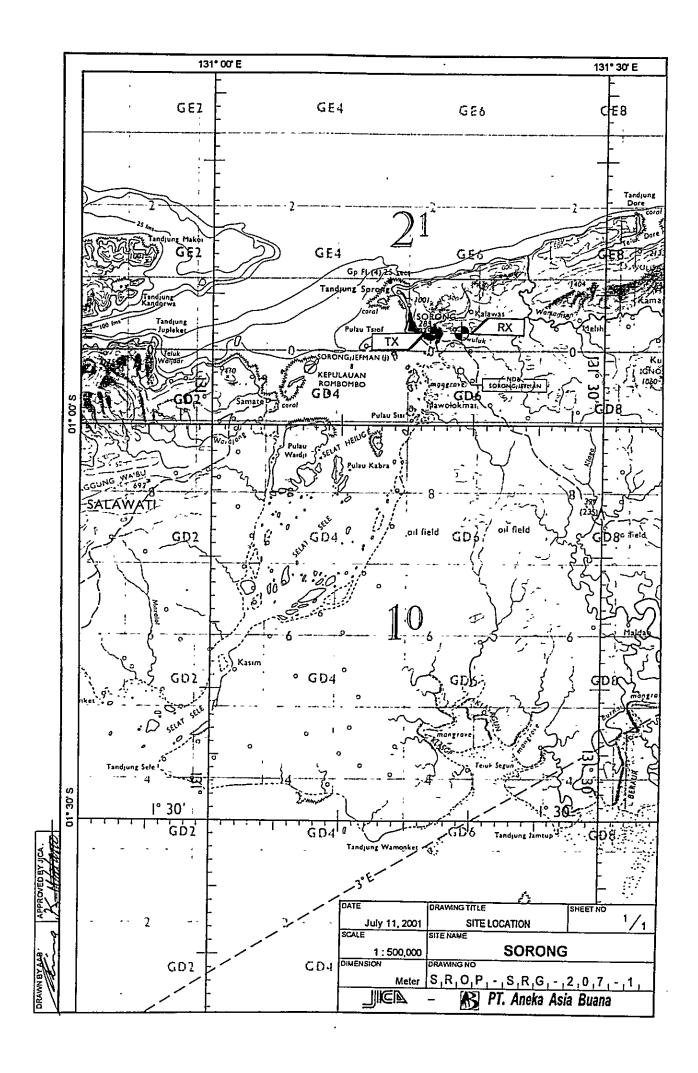
Item / Equipment	Power PLN/EG Panel, DSC / -		
Manufacturer	JRC		
Manufacturer in year	1988		
Defective panel / unit	E/G Panel Magnetic Contactor, RF Detector	Detector	
	Cause doe to:		Repairing to be:
	☑ Aging		区 Immediacy
Details of Trouble Status	区 Lightning		☐ By next year budget
Defails of Housic Status	□ Corrosion	Organicy of Nepall	☐ By next project
	☐ Lack of Spares		☐ Unnecessary
	□ Others	-	
General Comment for Maintenance:	54		
Request for spare part: Magnetic Contactor, Oil Filter, 2F diactor	ontactor, Oil Filter, 2F diactor		

OPERATION SCHEDULE

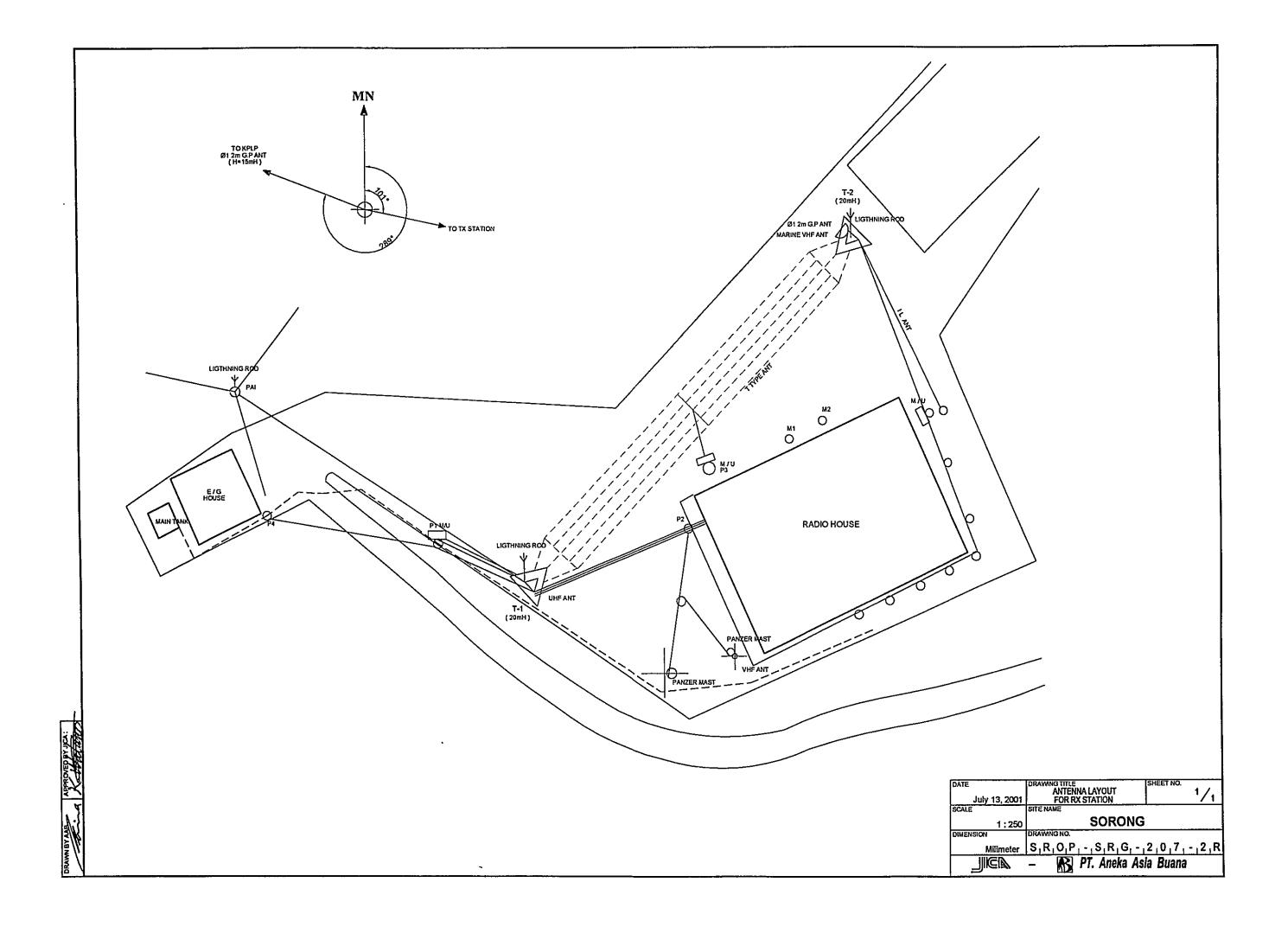
Site Name: Sorong

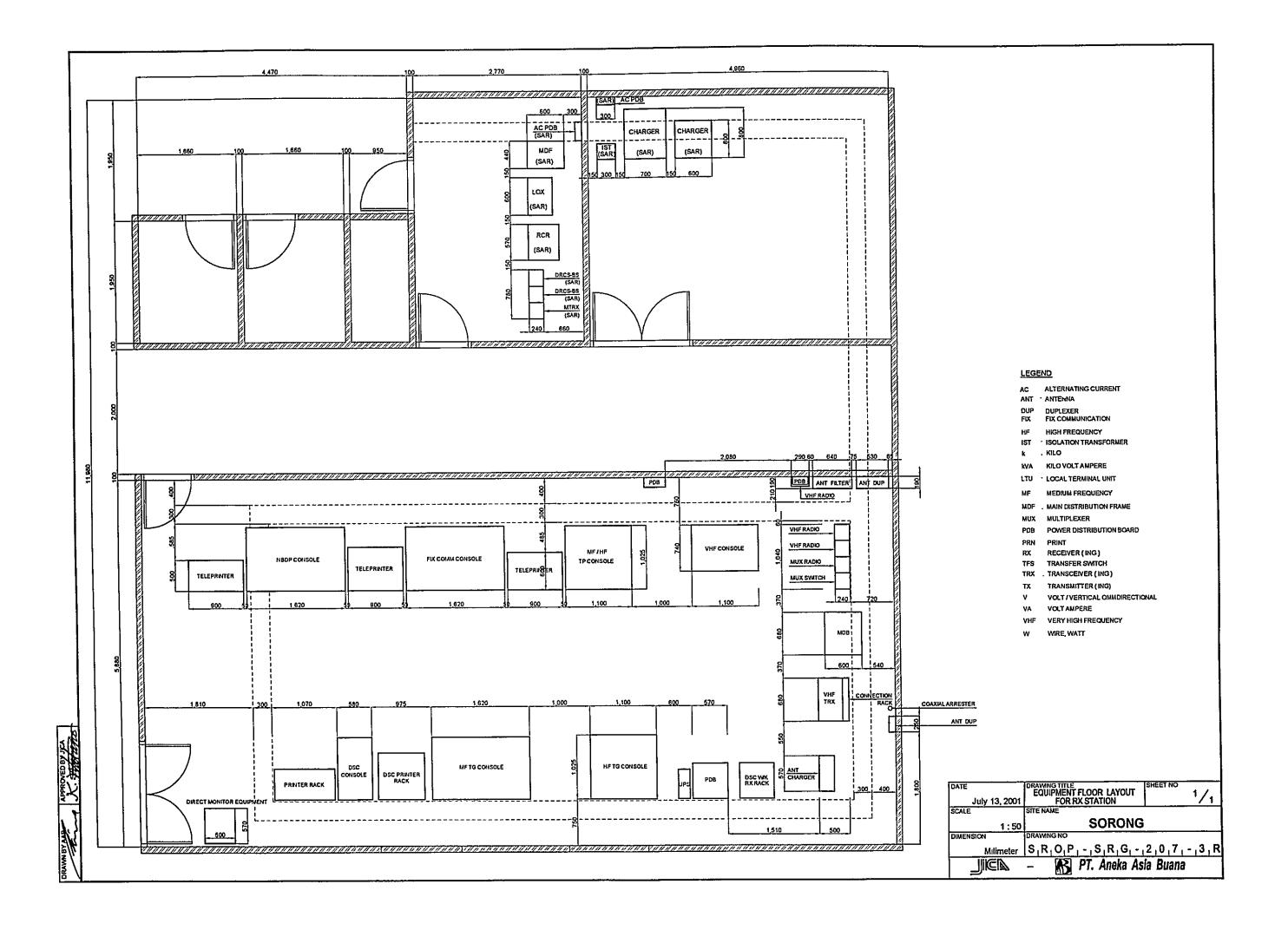
(FREQUENCIES)
Call Sign: Mobile Service: PKY4
Fix Service .

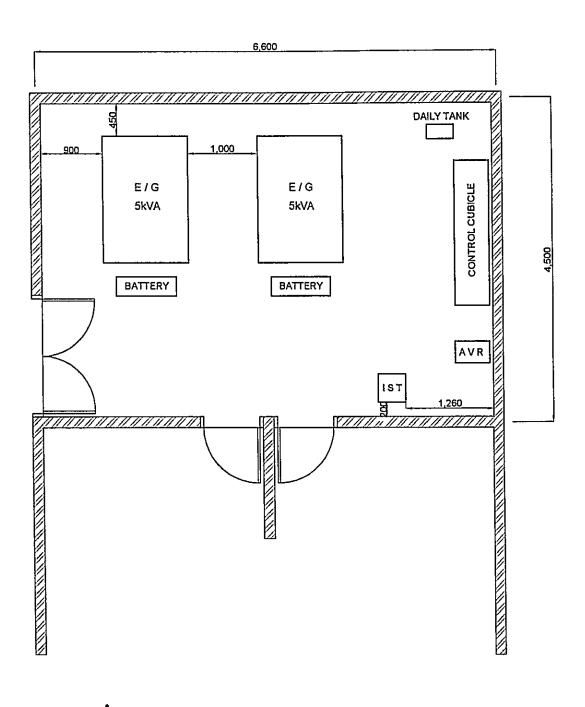
	- II	FIX SerVICE	II.	
	FREQUENCY	MOISSING	POWER	UTC
\dashv	(KN2)	NO SOURCE	(w)	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 KEMAKK
	Mobile Service			
	0,008	A1A	1000	
2	6 337,0	A1A	1000	
က	8 461,0	A1A	1000	
4	12 971,0	A1A	1000	
S	2 182,0	335	1000	
ဖ	4 420,0	385	1000	
~	6.215,0	JSE	1000	
æ	8 800	말 당	1000	
6	2 187,5	EC.	1000	
2	2 174,5	356	1000	
	VHF Service			
=	155,800	F3E	50	
2	156,525	F3E	50	
_	Fix Service			
13	6 926,0	136	250	
14	9 925,0	J3E	500	
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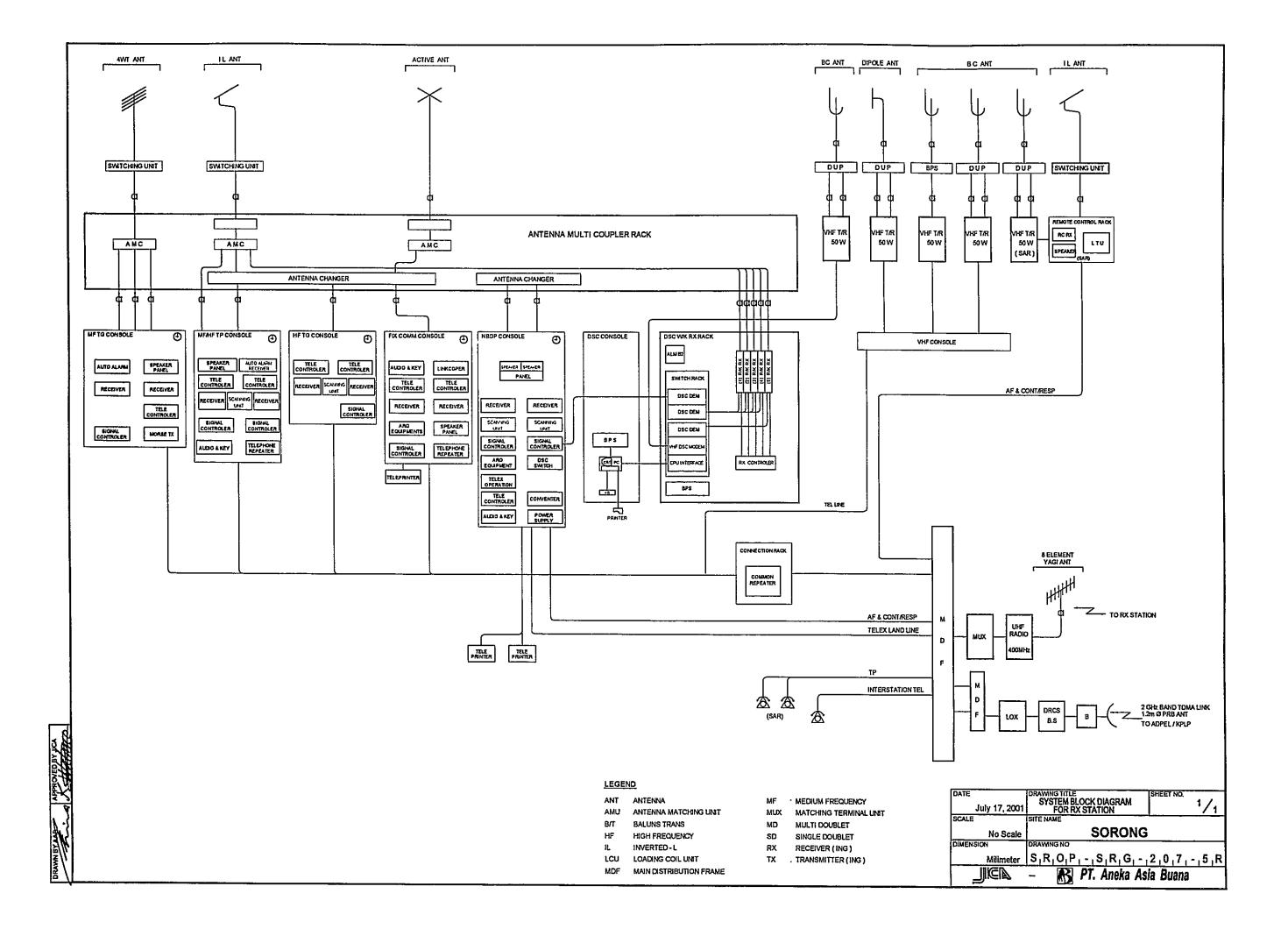


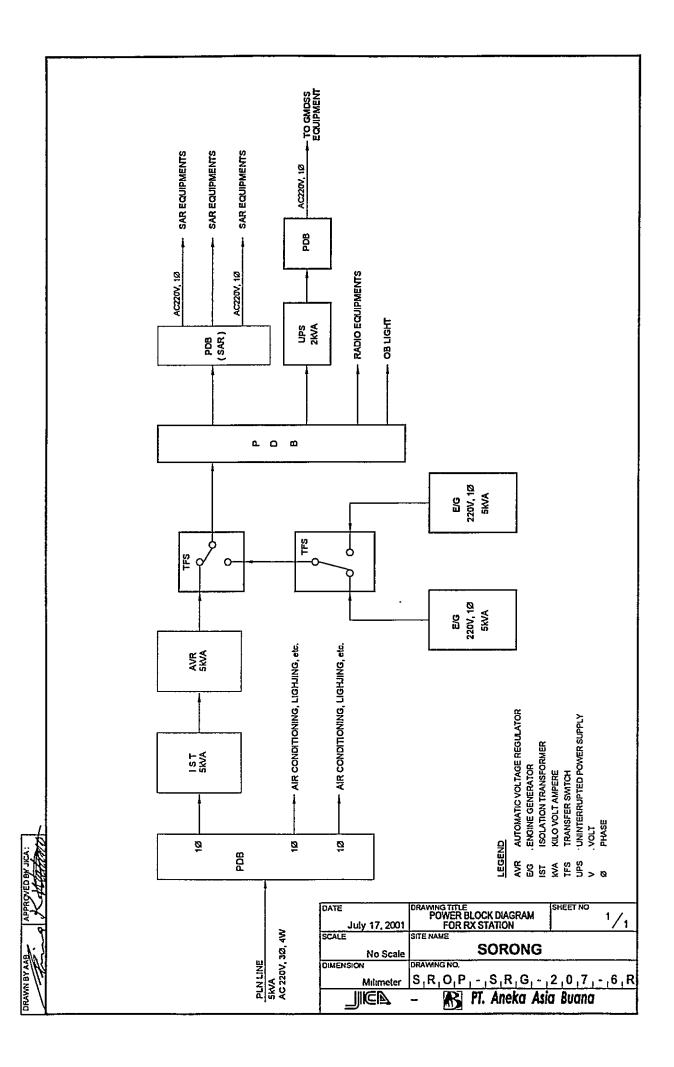


LEGEND

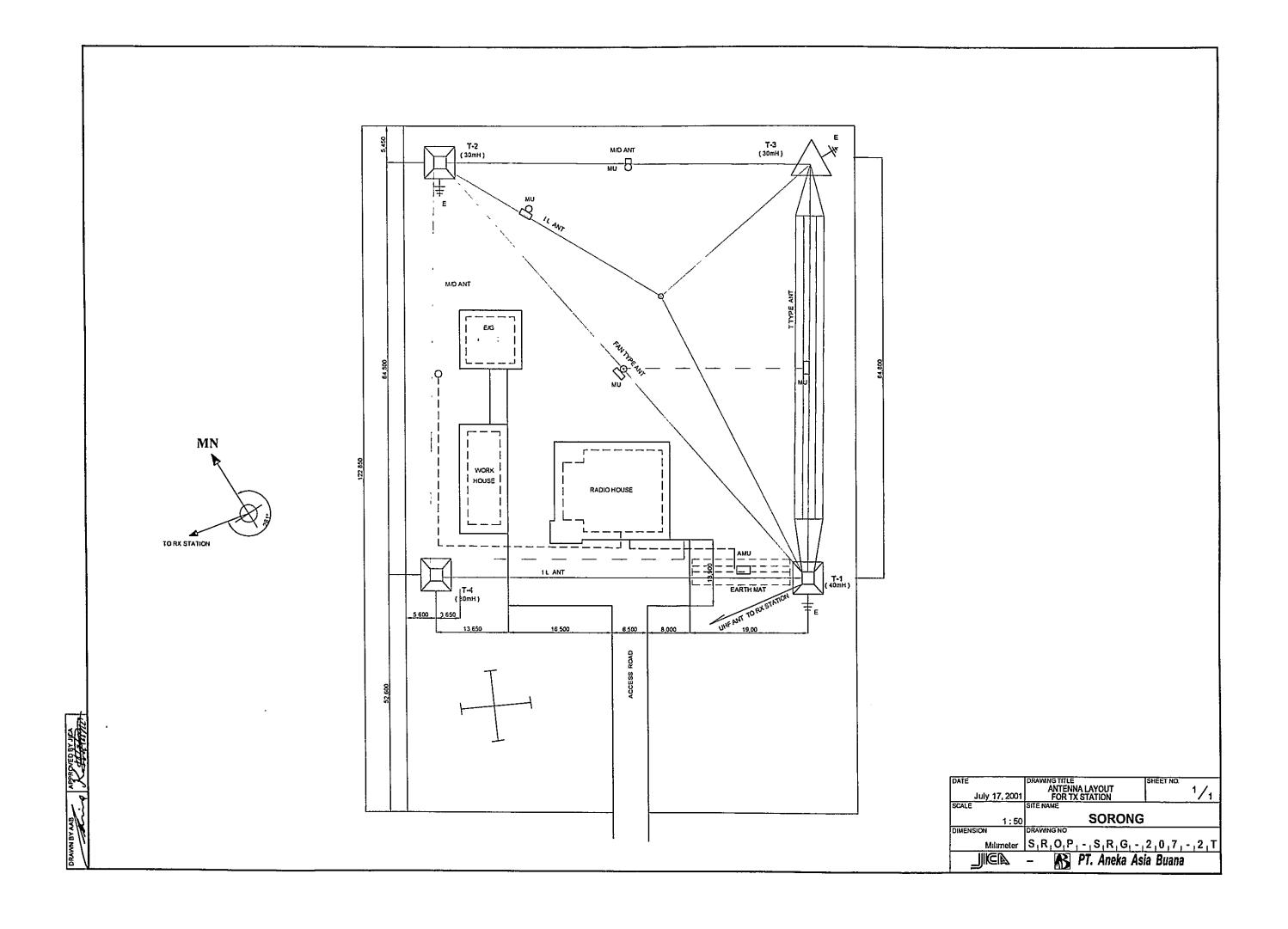
AVR : AUTOMATIC VOLTAGE REGULATOR
E/G · ENGINE GENERATOR
IST ISOLATION TRANSFORMER

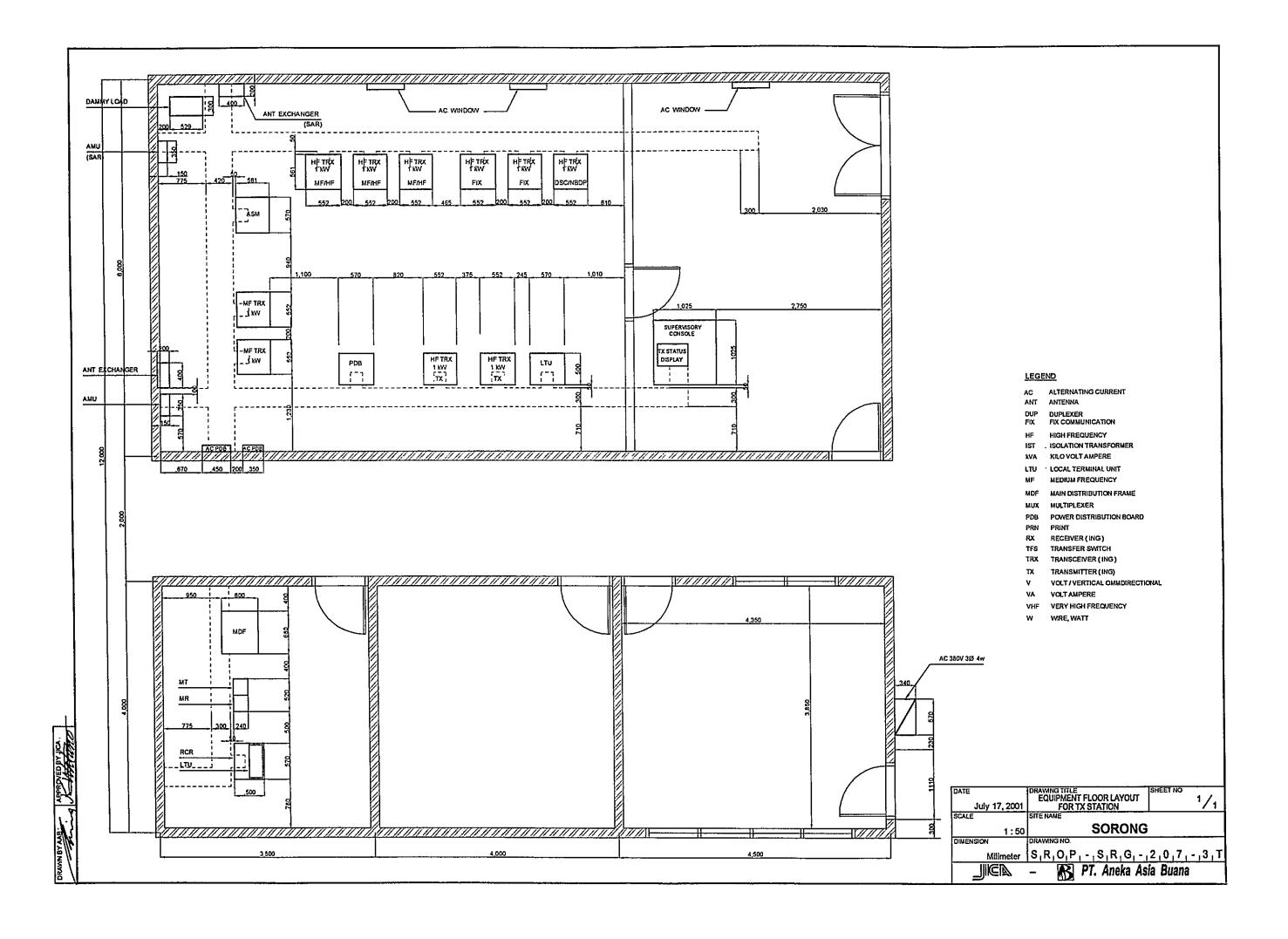
DATE July 13, 2001	DRAWING TITLE E/G FLOOR LAYOUT FOR RX STATION SHEET NO. 1/1
SCALE	SORONG
1:50 DIMENSION	DRAWING NO
Millmeter	S,R,O,P,-,S,R,G,-,2,0,7,-,4,R
	– 💦 PT. Aneka Asia Buana

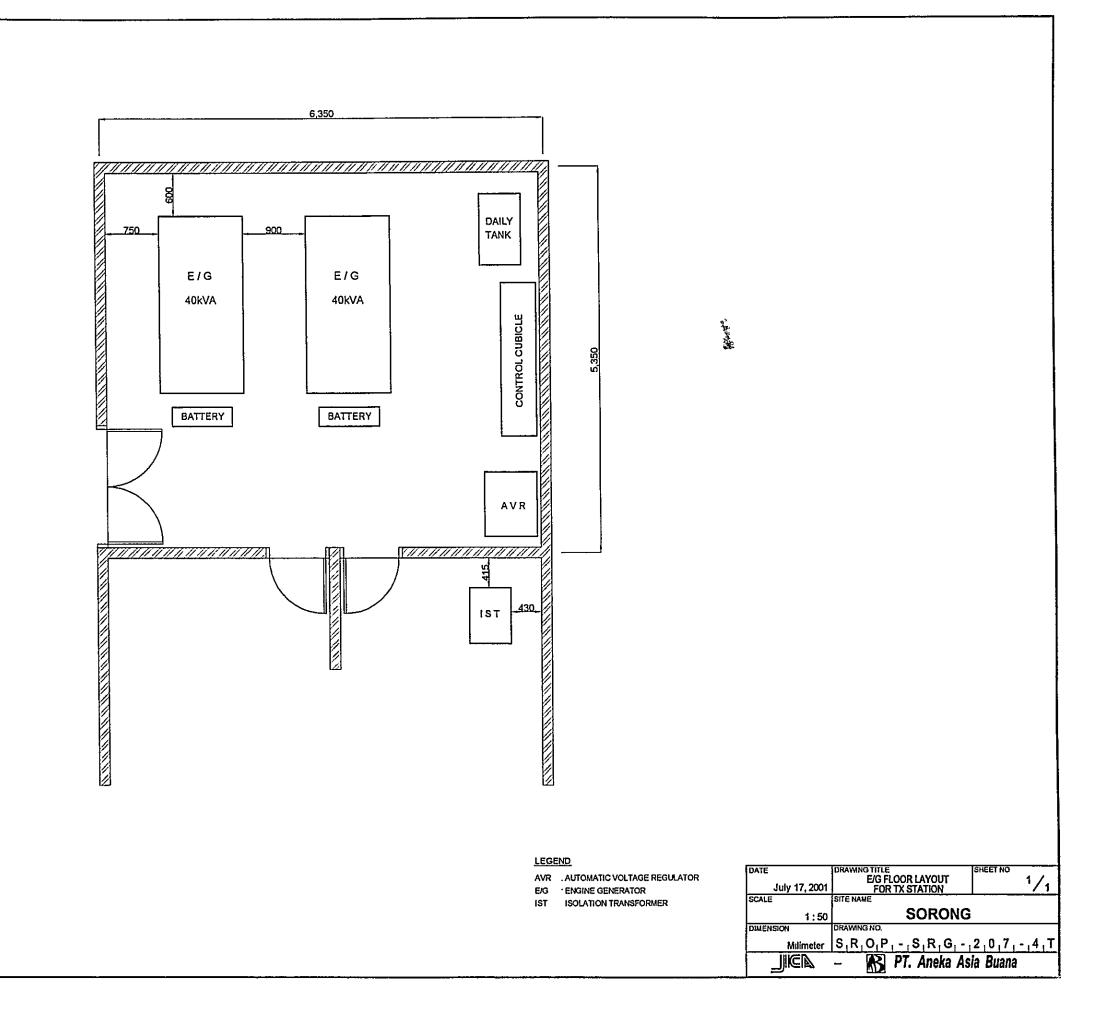


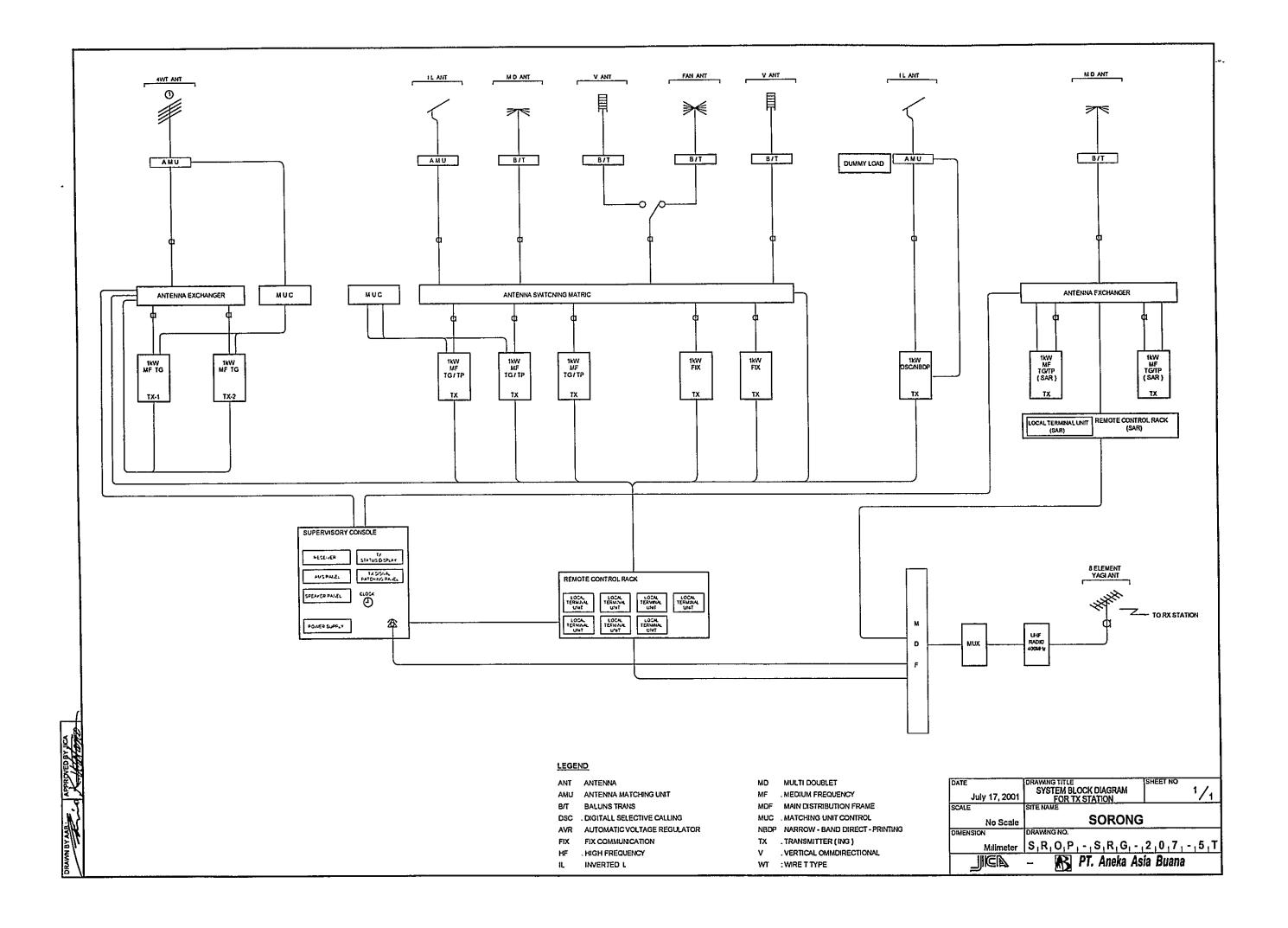


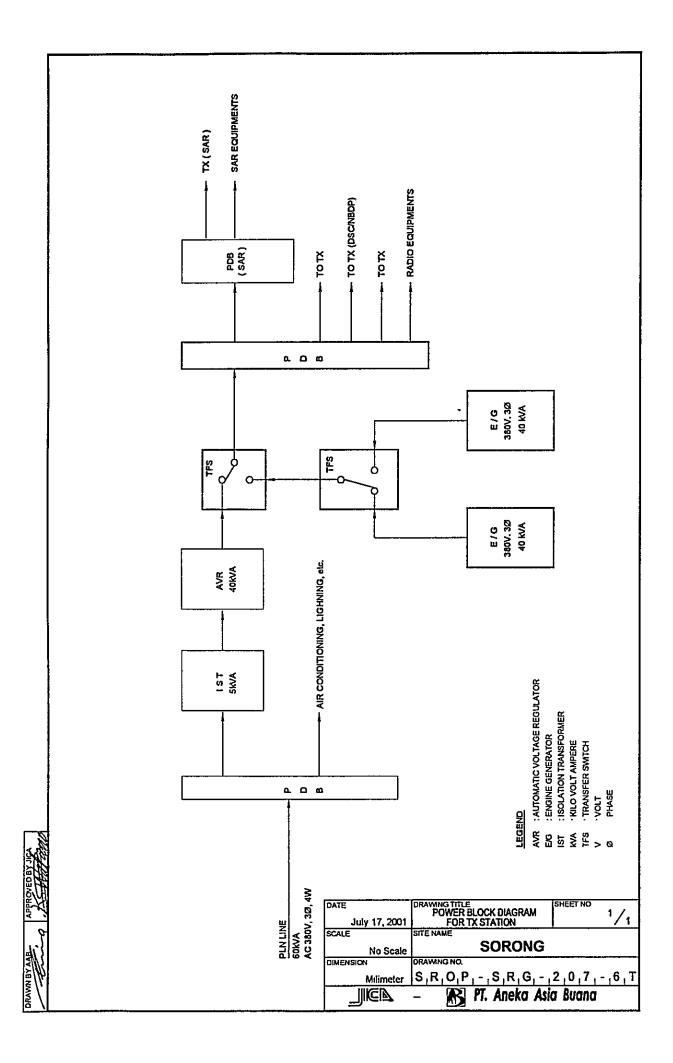
-		











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

3rd Class Coast Station **Manokwari** (Coast Station No. 208)

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
- Not Available in this list
- ☐ Unnecessary in this list

☑ Power Block Diagram

* Combined in one drawing

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

	UMMARY OF COAS										SITE MAN							
SUM	MAR'	Y OF	COA	ST S	TA	TI	ON	[_	E ASS	MA			<u>RI</u> NO.		208
	CATION							·			(C)	433		3rc	<u> </u>	NO.		200
Station	CATION	Addr	229		1		Tel.		Т	Fa	x	I	ongit	ude			_atit	ude
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2. GEN	VERAL	CONDI	TIONS															-
		from Jak			Site A	ccess	from	Port	ľ	Road	Traffi	С	Acco	mm	odatio	n	Pop	ulation
By Air	to Biak			<u>10</u> hr]	J Hi⊊	hway	·			eavy			🗹 Но	tel				100
By Air		vari [Takın		00 hr.]						lediun	1		□мо			\neg	,	
By Car	to Location			30 hr]	J Un	paved	road	i	□ Li	ight		-						
									□N	one								
		3. C	ONDIT	IONS	OF	ST	ATI	ON	*	•				R	efer to	atta	ched	drawing
3.1 Site	Conditi																	
Topo	graphy		Na	ture of	Soil				Past	disast	er of s	ite	Con	lirm	ation (of exi	sting	system
☑ Flat		□ D	ry soil		Li	mesto	ne		Floo	od			Yes	No				
□ Slope	•	□ 0	rdinary		Gı	avel			Floo	od Tid	e		☑		Ante	nna		
□ Hill-t	ор	□ S ₁	wampy		Ro	ocky			Rair	n Leak	age				Tow	ers (Mast	s)
□ Basin		_ C	lay						Gro	und S	ubside	nce	☑		Grou			**
□ Valle	у	☑ S:	andy					ಠ	Leal				Ø		Ligh		_	
Altitude				00 M					Tele	ephon			図		Feed			Way
Land are	ea		8,7	00 m	2						Lines	;		Ø	City	wate	<u> </u>	
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	Cons	tructions				PL	N S	ource	•]	E/G		Exi	stin	g Pov	er (Cond	itions
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	of ceiling	Board		kV	'A			3.5			1	0	Ø		Opera	tions	of A	AVR
	of wall	Brick				Qu	ıality			ource			Ca	paci	ty of	fuel		
Wall f	inish	Mortar		Flt	ctuat	ions			220	V ± 1			Day ta					Liter
Floori	ng	Tile				lity of				<u> </u>	24 I	lours	Main		_			k Liter
	Room	Area (m²)	Po	wer i	nterru	ption	/moi	nth		2 T	imes			Stand		<u> </u>	em
Operatio			43.00	То	tal in	terpt.	hour	s /mo	nth	0	0.05 H		Ø		igle S		1	
E/Groc			11.00	Ma	ix. int	erpt. l	hours	s at o	nce		H	ours		Dυ	ial Sys	tem		
Remark																		
-	4. OP	ERATI	ON AN	D MA	INI	TENA	ANC	CE			5. PI	ERS	ONN	EL	FOI	RM	ATJ	ONS
		Actions to													TX/	RX_		
Restoration			ible equip			emen	t				Chief			<u>i</u>		1		
	f major failu	re Difficu	ity to get	spare	parts)perat					8 ()		<u> </u>
Sufficiency													skilled)		()	<u> </u>	()
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☐ Heavy					! _	Bad				_							<u> </u>	
□ Storm					Ø			rnal n		<u>T</u>	ota	1		1		9	<u> </u>	
☑ Lightn		Radio equ	ipment		Ø		Air p	olluti	on	_				_ -			_	
IJ Other	calamity				<u> </u>												<u> </u>	
		Institutio							~ .						Reco		• 1	
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	Mai	ritime Sa	fety			Pı	blic Te	ecomm	unicat	ion Se	rvice	
Years	TG	TEL	DSC	NBDP	Years	Tele	phone	TG Call	Years	Tele	phone	TG Call
				Ì		Call	Minute			Call	Minute	
1996					1991				1996			
1997					1992				1997			
1998	İ				1993				1998			
1999					1994				1999			
2000					1995				2000		, ,	
				7.	COM	MEN	TS					
Suggestion	, -	site antenna	fence for p	rotecting the	tower fro	om the p	ossibility o	f car crash	ed incider	nce.		
Remarks												

Site Name: Manokwari

Condition	Good	p 000 000	7 P P P P P P P P P P P P P P P P P P P	Good Good Good	0000 0000 0000 0000 0000 0000	Dood 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
Date	1996 1996	1996 1996 1996	1996	9661 9661 9661	9661 9661 9661 9661	1996 1996 1996 1996	1996
Manufacturer	Sailor Sailor	Sailor Sailor Sailor	Sailor Sailor Sailor	Sailor Sailor Sailor	Sailor Sailor Compaq Compaq Sailor	Sailor Sailor Sailor Sailor	Sailor Sailor
Serial No							Part an h
Type	RM2150 N2165	TT-6200A TT-101064 TT-101065 TT-101051	TT-10123 TT-101190 TT-101217	TT-102239 TT-1022337 TT-102238 TT-102238	TT-10122 TT-10122 TT-101241 Proline 466 140 TT-1608C	TT-3602B TT-1542B MTX-1616 KK-1 H2054	H2054 RTU-282
Description	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 Modem I/O	Power Supply Power Input DSC Op Position Term /PC 1) Personal Computer 2) Monitor Printer (H-1252A)	Monitor Display DSC Alarm Signal Control Panel Audio/Digital Matrix Keyer Loudspeaker	Loudspeaker Telephone Repeater (Phone Patch) Radio/Tel I/F Unit
Registered No.							
No	4 %					v	7

•	Registered No. Description	Type	Serial No	Manufacturer	Date	Reference	Record	Condition
	ARQ Equipment Radiotelex Modem ARO Kev Board	TT-1585E TT-1601 A		Sailor	1996	F-TA-193: PH3 F-TA-193: PH3		Good
	Printer (H1252A) Telex Alarm	TT-1680C TT-1542B		Sailor Sailor	9661	F-TA-193; PH3 F-TA-193; PH3		Good Good
	VHF System VHF Transceiver							
	VHF/FM Transceiver	JHV-217	CE51-61	INTI	1990			
	VHF/FM Transceiver VHF Operation Console	JHV-217	CE51-62	E	1990			
	Operation Console	RH-16-1		JRC	1996			
	Multichannel VHF Transceiver			;				
	VHF Transceiver	RT 2048		Sailor	1996	F-TA-193; PH3		Good
	VHF Transceiver	RT 2048		Sailor	1996	F-TA-193: PH3		Good
	VHF Transceiver	RT 2048		Sailor	9661	F-TA-193: PH3		Good
	VHF Transceiver	RT 2048		Sailor	1996	F-TA-193: PH3		Good
	Linier Power Amplifier	A2080BE-H		Sailor	1996	F-TA-193; PH3		Good
	Linier Power Ampliffer	A2080BE-H		Sailor	1996	F-TA-193: PH3		Good
	Linter Power Amplifier	A2080BE-H		Sailor	1996	F-TA-193, PH3		Good
	Linier Power Amplifier	A2080BE-H		Sailor	1996	F-TA-193: PH3		Good
	Duplex Filter			Sailor	1996	F-TA-193 PH3		Good
	Duplex Filter			Sailor	9661	F-TA-193: PḤ3		Good
	VHF Transceiver	RT2048		Sailor	1996	F-TA-193: PH3		Good
	High Low I/F Unit (2)			Sailor	1996	F-TA-193: PH3		Good
	RF Power Amplifier	A2080BE-H		Sailor	1996	F-TA-193: PH3		Good
	AC Power Supply	N163S		Sailor	1996	F-TA-193: PH3		Good
	DC Power Supply	N420		Sailor	1996	F-TA-193: PH3		Good
	AC Power Supply	PSF-1		Sailor	1996	F-TA-193: PH3		Good
	Term Equipt. (DSC VHF/HF)							
	Audio/Digital Matrix	MTX-1616		Sailor	9661	F-TA-193 PH3		Good
	i elephone Kepeater Radio/Tel I/F I Init	RTI1-280		Sailor	1996	F.TA-103: PH3		, Poor

Tower & Antenna System Tower & Mast 18mHx2 Panzer Mast 20mHx2 Tower 8mHx1 Steal Pipe Antenna System 1/L Antenna T/R (2) D/D Antenna VHF Antenna (3) Antenna Selector Antenna Distribution Antenna Distribution Board Power Distribution Board 7.5kVA PDB 10 kVA Control Panel (AMF) Isolation Transformer 7 5kVA, 4W, 3P Step-Up Transformer	***************************************			ľ			
18mHx2 Panzer Mast 20mHx2 Tower 8mHx1 Steal Pipe Antenna System 1/L Antenna T/R (2) D/D Antenna VHF Antenna (3) Antenna Coupler XMTR Selector Antenna Distribution Board Power Distribution Board 7.5kVA PDB 10 kVA Control Panel (AMF) Isolation Transformer 7 5kVA, 4W, 3P Step-Up Transformer	Triangle HF7 E-22 VHF 3						
8mHx1 Steal Pipe Antenna System 1/L Antenna T/R (2) D/D Antenna VHF Antenna (3) Antenna Selector Antenna Coupler XMTR Selector Antenna Distributor Antenna Distribution Board Power Distribution Board 7.5kVA PDB 10 kVA Control Panel (AMF) Isolation Transformer 7 5kVA, 4W, 3P	Trangle HF7 E-22 VHF 3						
Antenna System I/L Antenna T/R (2) D/D Antenna VHF Antenna (3) Antenna Selector Antenna Coupler XMTR Selector Antenna Distributor Power Bupply Equipme Power Distribution Board 7.5kVA PDB 10 kVA Control Panel (AMF) Isolation Transformer 7 5kVA, 4W, 3P Step-Up Transformer	HF7 E-22 VHF 3						
1/L Antenna T/R (2) D/D Antenna VHF Antenna (3) Antenna Selector Antenna Coupler XMTR Selector Antenna Distributor Antenna Distribution Board Power Distribution Board 7.5kVA PDB 10 kVA Control Panel (AMF) Isolation Transformer 7 5kVA, 4W, 3P	HF7 E-22 VHF 3						
D/D Antenna VHF Antenna (3) Antenna Selector Antenna Coupler XMTR Selector Antenna Distributor Antenna Distribution Power Distribution Board Power Distribution Board 7.5kVA PDB 10 kVA Control Panel (AMF) Isolation Transformer 7 5kVA, 4W, 3P	E-22 VHF 3		Sailor	9661	F-TA-193: PH3		
Antenna Selector Antenna Coupler XMTR Selector Antenna Distributor Power Supply Equipme Power Distribution Board 7.5kVA PDB 10 kVA Control Panel (AMF) Isolation Transformer 7 5kVA, 4W, 3P			Sailor	1996	F-TA-193; PH3 F-TA-103: PH3		
Antenna Coupler XMTR Selector Antenna Distributor Power Supply Equipme Power Distribution Board 7.5kVA PDB 10 kVA Control Panel (AMF) Isolation Transformer 7 5kVA, 4W, 3P			2	2	CI11.001-11-1		•
Antenna Distributor Antenna Distributor Power Supply Equipme Power Distribution Board 7.5kVA PDB 10 kVA Control Panel (AMF) Isolation Transformer 7 5kVA, 4W, 3P Step-Up Transformer							
Power Supply Equipme Power Distribution Board Power Distribution Board 7.5kVA PDB 10 kVA Control Panel (AMF) Isolation Transformer 7 5kVA, 4W, 3P			5	2	5 TH.		
Power Supply Equipme Power Distribution Board Power Distribution Board 7.5kVA PDB 10 kVA Control Panel (AMF) Isolation Transformer 7 5kVA, 4W, 3P Step-Up Transformer	AAD10/1/A-11-6G		Sallor	0 0 0	F-TA-193, PH3		
Power Distribution Board Power Distribution Board 7.5kVA PDB 10 kVA Control Panel (AMF) Isolation Transformer 7 5kVA, 4W, 3P Step-Up Transformer							
Power Distribution Board 7.5kVA PDB 10 kVA Control Panel (AMF) Isolation Transformer 7 5kVA, 4W, 3P Step-Up Transformer							
1.3k v A PDB 10 kVA Control Panel (AMF) Isolation Transformer 7 5kVA, 4W, 3P Step-Up Transformer	NCB-430A	BP-10297	JRC	1974			Damaged
10 kVA Control Panel (AMF) Isolation Transformer 7 5kVA, 4W, 3P Step-Up Transformer			Sailor	1966	F-TA-193: PH3	•	Good
Isolation Transformer 7 SkVA, 4W, 3P Step-Up Transformer	PL 95-7s	9515	Sailor	9661	F-TA-193; PH3		Good
7 5kVA, 4W, 3P Step-Up Transformer							
Step-Up Transformer	IST 10P3	9513	Sailor	9661	F-TA-193: PH3		Good
			,				
I ransformer 5.5KVA			M'Naga	1			
9.9kVA, 4W, 3P	S10 10P3	9513	Sailor	9661	F-TA-193 PH3		Good
UPS & AVR					-		
Accumulator 12V/120AH			Vuses				
Accu Charger	12 ELN	9658	Stanley				
Auto Voltage Regulator		A3-4316	V'Richi	1073			
AVR. 7.5kVA, 4W, 3P		9515	Sailor	9661	F-TA-193, PH3		Good

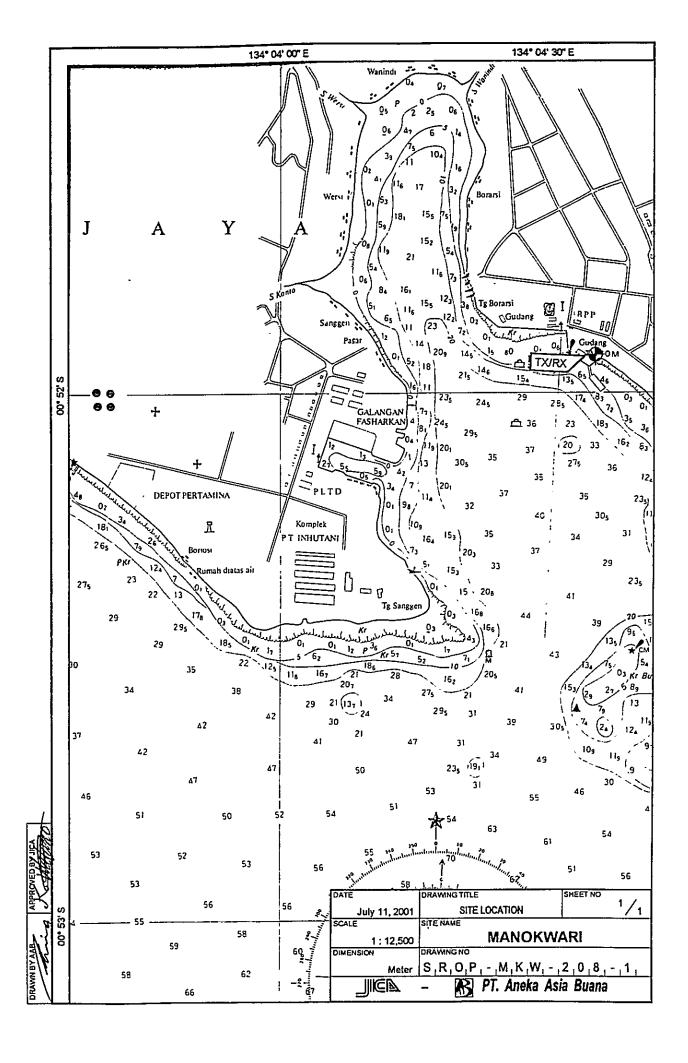
	Condition		Good	Good	Good	2005 C0004	Good	Good	Good	Good			Good					Good				Good					Good		
Maintenance	Record																												
	Reference		F-TA-193: PH3	F-TA-193: PH3	F-TA-193: PH3	r-1A-193; PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193: PH3	F-TA-193: PH3			F-TA-193: PH3					F-TA-193· PH3				F-TA-193; PH3					F-TA-193 PH3		
	Date	1974	1974	1996	9661	0661	1996	1996	9661	1996		1974	1996					1996				1996					1996		
	Manufacturer	Yanmar	Yanmar Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor			Sailor					Sailor				Sailor					Sailor		
	Serial No	00717	F1.T-0009		CO51634/5							117049																	
	Type	TS-60	TS-130C	EG 10 RA	V-1505E	D-194-D						VP-508A	PM3065					Fluke 87				2406A					8201		
	Description	Engine Generator Engine Generator	5 kVA Engine Generator 10 kVA E/G Single Standby System	Engine	Generator	Elof Carles	ruei System Starting, Fuel, Exhaust System	Fuel Control Unit	100 L Fuel Day Tank	1000 L Fuel Storage Tank	Measuring Equipment	Oscilloscope	Analog Oscilloscope	Probe/Lead (2)	Power Cable (1)	Black Cover (1)	Operation Manual	Multimeter (3)	Test Lead Set (3x1)	Hoester House Yellow (3x1)	User Manual (3x2)	Insulation Tester	Line Plobe (1)	♣ Earth Plobe (1)	Carrying Case x1)	Instruction Manual (1)	RF Coaxial Load Resistor (2)	Connection Cable (1)	
1	Registered No.																												
	No	3-4	2 6			_	†				4	_	7					т				4					S		

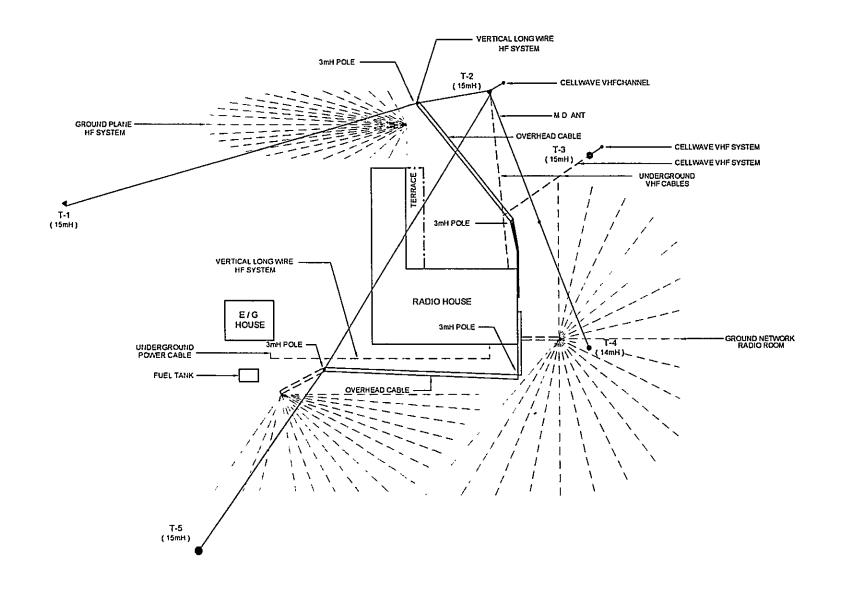
								Maintenance	
No No	No Registered No.	Description	Type	Serial No	Serial No Manufacturer Date	Date	Reference	Record	Condition
		Others							
_		Air Conditioner	Cool Wood	2200	Hitachi				
7		Services Engineers Kit	RS 541-365	-	JRC	1996			•
ო		Telephone set with call timer (2)			Sailor	1996	F-TA-193: PH3		Good
4		Headset (2)	DM 811		Sailor	1996	F-TA-193: PH3		Good
2		Hand set (6)			Sailor	9661	F-TA-193: PH3		Good
9		Desk Microphone (2)	DM 6500		Sailor	9661	F-TA-193: PH3		Good
7		Morse Key			Sailor	1996	F-TA-193; PH3		Good
∞		Quartz Clock			Sailor	1996	F-TA-193: PH3		Good
6		Services Engineers Kit	RS 541-365		Sailor	1996	F-TA-193: PH3		Good
01		Mouse			Sailor	1996	F-TA-193; PH3		Good
Ξ		Chair			Sailor	1996	F-TA-193: PH3		Good

OPERATION SCHEDULE (FREQUENCIES) Call Sign: Mobile Service · PKY.3 Fix Service :

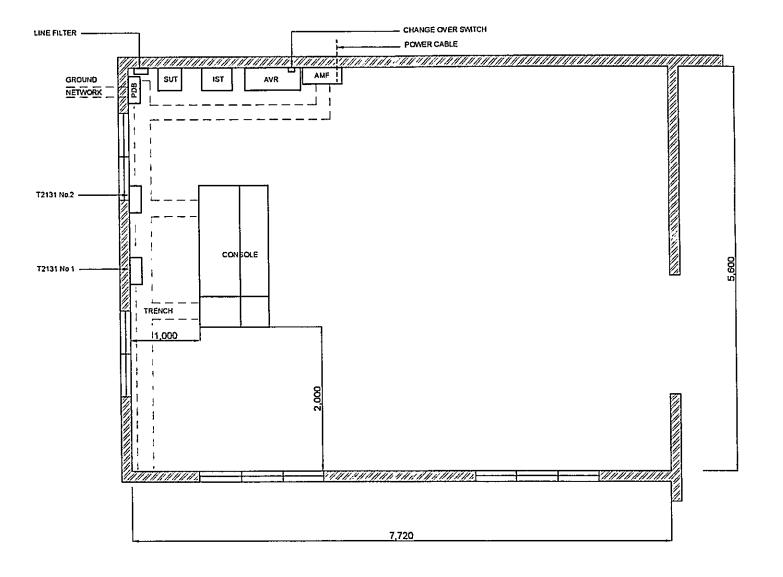
Site Name: Manokwari

F	FREGUENCY		POWER	▼ mail 1	
· 	(kHz)	EMISSION	(<u>%</u>	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
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ო	2 187,5	F1B	200		
4	2 182,0	138	. 62		
Ω.	4 125,0	JSE	100		
9	6215,0	136	100		
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匠	Fix Service				
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DATE	DRAWING TITLE	SHEET NO
July 13, 2001	ANTENNA LAYOUT	'/1
SCALE	SITE NAME	
1.500	MANOKW	<i>I</i> ARI
DIMENSION	DRAWING NO	
Millmeter	S,R,O,P,-,M,N,K,-	2,0,8,-,2,
	- PT. Aneka As	ia Buana



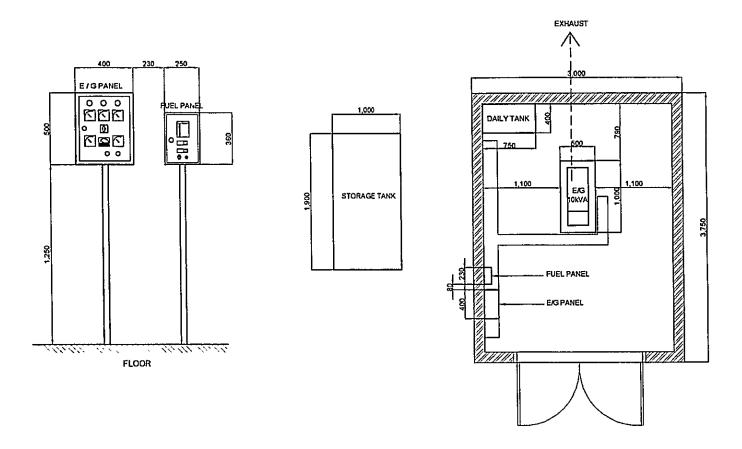
AVR . AUTOMATIC VOLTAGE REGULATOR

IST - ISOLATION TRANSFORMER

PDB POWER DISTRIBUTION BOARD

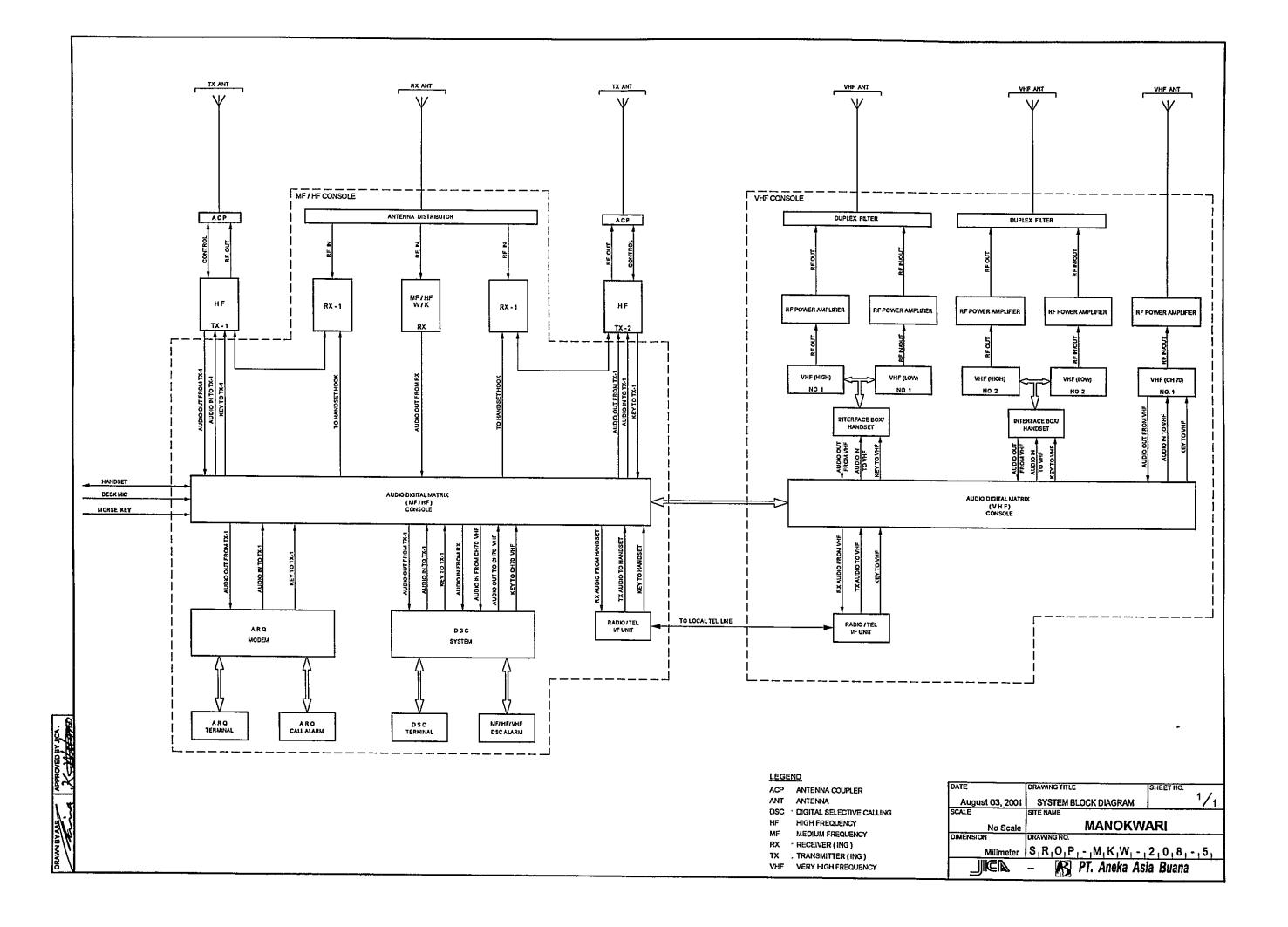
SUT STEP - UP TRANSFORMER

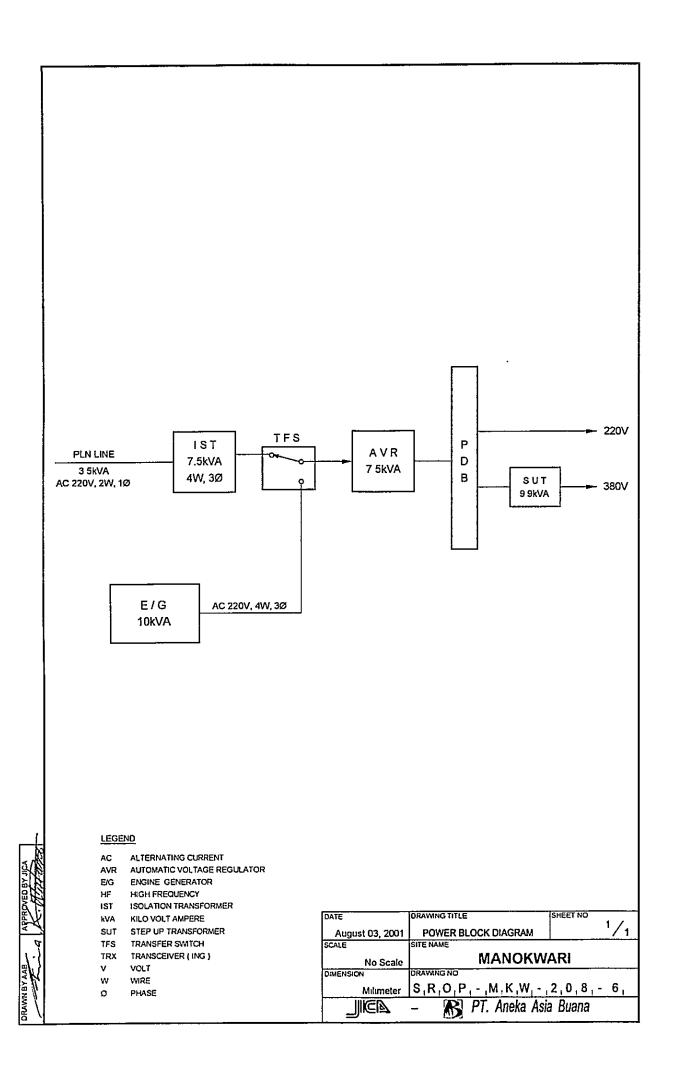
DATE	DRAWING TITLE	SHEET NO
July 13, 2001	EQUIPMENT FLOOR LAYOUT	1/1
SCALE	SITE NAME	
1 · 50	MANOKW	ARI
DIMENSION	DRAWING NO.	
Mılimeter	S,R,O,P,-,M,N,K,-,	2,0,8,-,3,
	– R PT. Aneka As	ia Buana



E/G ENGINE GENERATOR kVA . KILO VOLT AMPERE

DATE	DRAWING TITLE	SHEET NO.
July 13, 2001	E/G FLOOR LAYOUT	'/1
SCALE	SITE NAME	
1:50/1:25	MANOKW	ARI
DIMENSION	DRAWING NO.	
Millimeter	S.R.O.P M.N.K	2 0 8 - 4
	- PT. Aneka As	ia Buana





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

4th-A Class Coast Station
Fak-fak
(Coast Station No. 209)

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

CHIMANADA	OF COAST	CT.	TION			SITE					
SUMMAR	OF COASI	SIA	HUI			CLAS	SS	4th-A	NO		209
1. LOCATION											
Station	Address		Tel.	í	F	ax	L	ongitude	-	Latit	ude
TX/RX Desa Sorpel							132°				02" S
CENEDAL	CONDITIONS										
2. GENERAL) C'4. A		1	- ·			Accommod		D .	
	from Jakarta	1	ccess from P	_		l Traffic		Accommod ☑ Hotel	ation		ulation 00,000
By Air to Biak By Air to Manokw		r.] 🗆 Hig r.] 🗹 Pav			leavy Mediu			☑ Hotel			00,000
L *			oaved road		ight.	111		I Morei			
By Air to Fak-Fak	[Taking time. 100]	1.1 (1.1)	Javeu I Oau		Vone		\dashv				
					1011¢		_			1 1	
	3. CONDITIO	NS OF	STATIC	<u>N</u>			[Refe	r to att	ached	drawing
3.1 Site Conditi	ons										
Topography	Nature	of Soil		Pas	t disas	ster of site	2	Confirmati	on of ex	cisting	system
□ Flat	☐ Dry soil	☐ Lin	nestone	□ Flo	od			Yes No			
□ Slope	☐ Ordinary	☐ Gr	avel	□ Flo			Į		ıntenna		
□ Hill-top	□ Swampy	☑ Ro	cky	□ Rai	in Lea	ıkage	Į		owers	`	
□ Basin	□ Clay					Subsiden	ce		roundi		
☐ Valley	☐ Sandy			☑ Lea					ightnin		
Altitude	32.00			7	lepho	ne Lines			eeder (_	Way
Land area	625 00	m²				Lines			ity wat	er	
3.2 Buildin	g Conditions				3.3	Power :	Sou	rce			
Const	ructions		PLN Sou	irce		E/G		Existing	Power	Cond	itions
Num. of story	One	Voltage	220	V	22	20/380 V		Good Bad			
Structure	Concrete	Phase		1		3			wer Su		
Type of roof	Galvanized	Wire		2		4			eration		
Type of ceiling	Board	kVA	3	3.5		10			peration		
Type of wall	Brick		Quality of	f PLN	sourc	e		Capacity	of fue	for e	ngine
Wall finish	Fluctuati			220 V ± 10 %			Day tank			Liter	
Flooring	Tile	Availabil	ity of power	r per da	y			Main tank k L			
Room A	Area (m²)	Power in	terruption /	month		3 Tin	ıes	E/G St	and-by	y Syst	em
Operation room	15.00	Total int	erpt. hours /	month	_ _	0.5 Ho	urs		e Syste		
E/G room		Max. into	erpt. hours a	t once		Ho					
Remark											
l .											
4. OP	ERATION AND I	MAINT	ENANCI	E		5. PEI	RSC	NNEL F	ORM	[AT]	ONS
	Actions taken in equi	pment fa	ilure					•	X/RX		
Restoration flow	Spare part replacem		•			Chief			1		
Examples of major failure	Spare part					Operator	(ski	illed)	1 ()	1	()
Sufficiency of spares	Supply not available	;				Technicia	an (s	killed)	()	1	0
Record	s of damages	Envi	ronmental	Condit	ions	Administ	rato	г	1		
☐ Heavy rainfall		Good	Bad								
☐ Storm ‡		Ø	□ Extern	al noise	s	Total			3		
☐ Lightning		Ø	☐ Air pol	lution							
☐ Other calamity			1							ı	
	Institutional and Hu							Training F			
1 Budget	☐ Sufficien		sonable 🗆			Course		Class Loc	ation P	eriod	Trainee
2 Spares	☐ Enough		sonable 🗀				,				
3 Measuring eqpt./			sonable 🔲				+				
4 Number of Opera			sonable □				-				
5 Number of Techr	 ~		sonable 🗆								
6 Capability of Ope			so bad 🗆				!			i	
7 Capability of Tec	hnician	⊔ Not	so bad	Not cap	pable		ł			i	

SUMM	IARV	OFC	OAST	STAT	TION	ī		SITE	FAK.		,	
SUMM		Or C	UADI	DIA.				CLASS	5 4t	h-A	NO.	209
		6. STA	ATISTIC	CAL CO	MMU	VICA:	T NOI	RAFF	IC DAT	[A		
	Ma	ritime Sa	fety		}	Pu	blic Tel	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				1996			
1997					1992				1997			
1998					1993				1998			
1999					1994	24			1999			_
2000					1995	36			2000			
				7.	COM	MEN'	rs					
Suggestion		no site acces	ss road to th	e site locati	on and the	location	ı is surroun	ding by p	oalm and n	utmeg pl	antation	
Remarks						·						

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1 1-1 1-1-1		Radio Equipment MF/HF System MF/HF Receiver			;				
- (1		All Wave Receiver All Wave Receiver	FRG-8800	M1H-100403 9D310085	Yaesu Yaesu	1982			
1-1-2 1 2		MF/HF Operation Console MF/HF Console MF/HF Equipment	RH-16-3	014	JRC	1996			•
		600 W MF/HF Transmitter 600 W MF/HF Transmitter	T2131 T2131	520497 520498	Sailor	1996	F-TA-193, PH3		Good
		AC Power Supply	N2171	482649	Sailor	1996	F-TA-193 PH3		Good
		AC Power Supply Antenna Coupler	N2171 AT2112	438419 520966	Sailor	9661	F-TA-193· PH3 F-TA-193· PH3		Good
		Antenna Coupler	AT2112	520965	Sailor	1996	F-TA-193: PH3		900 900 900
		CW Unit	H2185	522734	Sailor	9661	F-TA-193: PH3		Good
,		CW Unit	H2185	522733	Sailor	9661	F-TA-193: PH3		Good
m		All Wave Receiver	2		:	,			,
		Control Unit HF2	RE2100	521635 521652	Sailor Sailor	966	F-TA-193: PH3 F-TA-193: PH3		Good
		Duplex Receiver	R2120T	518075	Sailor	9661	F-TA-193: PH3		Good
		Duplex Receiver	R2120T	518072	Sailor	9661	F-TA-193. PH3		Good
		Loudspeaker	H2054		Sailor	9661	F-TA-193: PH3		Good
•		Loudspeaker	H2054	1	Sailor	9661	F-TA-193: PH3		Good
		Spot Keceiver MF/HF DSC W/K RX	RM2150	522690 522772	Sailor	9661	F-TA-193; PH3		Good
		Power Supply	N2165		Sailor	9661	F-TA-193: PH3		Good
n		Terminal Unit (DSC VHF/HF) DSC System	TT-6200A		Sailor	1006	E-TA-103 DL13		7000
	-	LAN	TT-101064		Sailor	9661	F-TA-193: PH3		, poor
		LAN 1/0	TT-101065		Sailor	1996	F-TA-193: PH3		Poog
		CPU	TT-101051		Sailor	9661	F-TA-193. PH3		Good

								Maintenance	
No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Record	Condition
		CPU I/O	TT-10123		Sailor	9661	F-TA-193; PH3		Good
		Paralel	TT-101190	· · · · · ·	Sailor	1996	F-TA-193 PH3		Cood
		Paralel I/O	TT-101217		Sailor	1996	F-TA-193: PH3		Good
		 VHF Modem 	TT-102239		Sailor	1996	F-TA-193: PH3		Good
		HF Modem	TT-1022337		Sailor	9661	F-TA-193: PH3		Good
		Modem I/O	TT-102238		Sailor	1996	F-TA-193: PH3		Good
		Modem I/O	TT-102238		Sailor	1996	F-TA-193: PH3		Good
		Alarm I/O	TT-101242		Sailor	1996	F-TA-193; PH3		Good
		Power Supply	TT-101122		Sailor	1996	F-TA-193: PH3		Good
		Power Input	TT-101241		Sailor	9661	F-TA-193; PH3		Good
		DSC Op Position Term/PC	;		ı	,			
		1) Personal Computer	Proline 466	3503V5	Compad	1996	F-TA-193: PH3		Good
		2) Monitor	140	530AF05CE319		9661	F-TA-193 PH3		Good
		Printer (H-1252A)	TT-1608C	5CAP319330K	Sailor	9661	F-TA-193: PH3		Good
		Monitor Display	TT-3602B	9603551	Sailor	1996	F-TA-193: PH3		Good
		DSC Alarm	TT-1542B		Sailor	1996	F-TA-193 PH3		Good
9		Signal Control Panel							
		Audio/Digital Matrix	MTX-1616	116	Sailor	1996	F-TA-193: PH3		Good
		Keyer	KK-1	362	Sailor	1996	F-TA-193; PH3		Good
		Loudspeaker	H2054		Sailor	1996	F-TA-193: PH3		Good
		Loudspeaker	H2054		Sailor	1996	F-TA-193: PH3		Good
7		Telephone Repeater (Phone Patch)							
•		Radio/Tel I/F Unit	RTU-282	210	Sailor	1996	F-TA-193: PH3		Good
∞		ARQ Equipment			:	,			,
		Kadiotelex Modem	11-1585E	9603511	Sailor	1996	F-TA-193, PH3		Good
		ARQ Key Board	TT-1601 A	9603541	Sailor	9661	F-TA-193, PH3		Good
		Printer (H1252A)	TT-1680C	5CAP3193372	Sailor	1996	F-TA-193; PH3		Good
		Telex Alarm	TT-1542B		Sailor	1996	F-TA-193· PH3		Good
1-2		VHF System							
1-2-1		VHF Receiver	10E 68001V		£				
-		FIVITAIN IVIUITI DAMO NECEIVEI	ICF-6000W		Source	-			

FKF-209- (3 / 5)

=	1									-					•					
Condition	Good	Good	Good	9 69 9 69	Good	Good	5 6 6	Good	Good		Good	Good	Good	Good	Good	Good		Good	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
Date	1996	1996	1996	1996	9661	9661	1996	1996	1996	1	9661	1996	9661	9661	9661	1996		1996	1996	1996 1996 1996 1996
Manufacturer	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	Sailor	:	Sailor	Sailor	Sailor	Sailor		Sailor	:	Sailor	Sailor	Sailor Sailor Sailor Sailor
Serial No		523713	523694	523709	235	296	309	237207	237197		523682		562	S16306	N42006	TWR/12770/045		157	561	
Type	RH-16-1	RT 2048	KT 2048 RT 2048	RT 2048	A2080BE-H	A2080BE-H	A2080BE-H A2080BE-H			:	RT2048		A2080BE-H	N163S	N420	PSF-1		MTX-1616	RTU-280	AT30SS AT20SS
Description	VHF Operation Console Operation Console Multichannel VHF Transceiver	VHF Transceiver	VHF Transceiver	VHF Transceiver	Linier Power Amplifier	Linier Power Amplifier	Linier Power Amplifier	Duplex Filter	Duplex Filter	CH-70 VHF T/R	VHF Transceiver	High Low I/F Unit (2)	RF Power Amplifier	AC Power Supply	DC Power Supply	AC Power Supply	Term Equipt. (DSC VHF/HF)	Audio/Digital Matrix	i elephone Kepeater Radio/Tel I/F Unit	Tower & Antenna System Tower & Mast 30mH Self Supporting Structure 20mH Self Supporting Structure (2) Lightning Protector (3) Grounding (3)
Registered No.																		•		
No	1-2-2 1 2									7							m	_	1	2-1 - 2 E 4

								Maintenance	
No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Record	Condition
2-2		Antenna System							
<u> </u>		Cell Wave Antenna							
7		I/L Antenna for T/R (2)	HF7		Sailor	9661	F-TA-193: PH3		Good
m		D/D Antenna	E-22		Sailor	1996	F-TA-193: PH3		Good
4		VHF Antenna (3)	VHF 3		Sailor	1996	F-TA-193 PH3		Good
2-3		Antenna Selector							
_		Antenna Distributor	AAD/1/A						
7		Antenna Distributor	AAD10/1/A-J1-6G 001014	001014	Sailor	9661	F-TA-193· PH3		Good
<u>8</u>		Power Supply Equipment							
3. 1		Power Distribution Board							
_		Power Distribution Board	072HZ	1150297					
7		7.5kVA PDB for TX/RX			Sailor	1996	F-TA-193; PH3		Good
٣		10 kVA Control Panel (AMF)	PL 95-7s	9504	Sailor	1996	F-TA-193: PH3		Good
3-2		Isolation Transformer							
_		Isolation Transformer	IST						
7		7.5kVA, 4W, 3P	IST 10P3	9504	Sailor	1996	F-TA-193; PH3		Good
3-3		Step-Up Transformer					•		
_		9.9kVA, 4W, 3P	STU 10P3	9504	Sailor	1996	F-TA-193 PH3		Good
4.4		UPS & AVR							
,- -		AVR (3 Group)	AVR7PS	9507					•
		50W Stanilite Power Supply	FM-1250-89	TWR/12770/045					
3-5		Engine Generator							
_		10 kVA E/G Single Standby System				1996	F-TA-193: PH3		Good
		Engine	EG 10 RA	664670	KUBOTA	1996	F-TA-193, PH3		Good
		Generator	V-1505E	CO51684/1	STAMFORD	1996	F-TA-193, PH3		Good
		E/G Panel	BC1-164-D	9501	Sailor	1996	F-TA-193, PH3		Good
7		Fuel System							
		Starting, Fuel, Exhaust System				1996	F-TA-193, Pl-13		Good
		Fuel Control Unit				1996	F-TA-193. PH3		Good
		100 L Fuel Day Tank				1996	F-TA-193; PH3		Good
		1000 L Fuel Storage Tank				1996	F-TA-193: PH3		Good
		Single Phase AC Motor Gear Pillin	JY09-A						

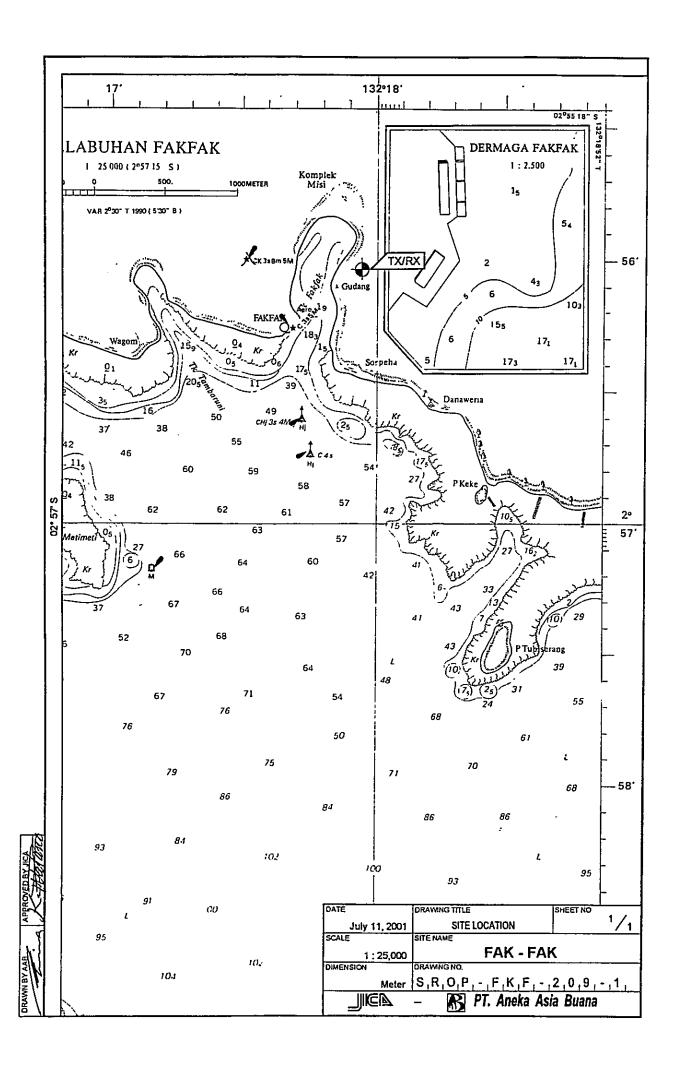
FKF-209- (5 / 5)

FKF-209-(1/1)

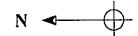
OPERATION SCHEDULE (FREQUENCIES) Call Sign: Mobile Service: PKY.23 Fix Service

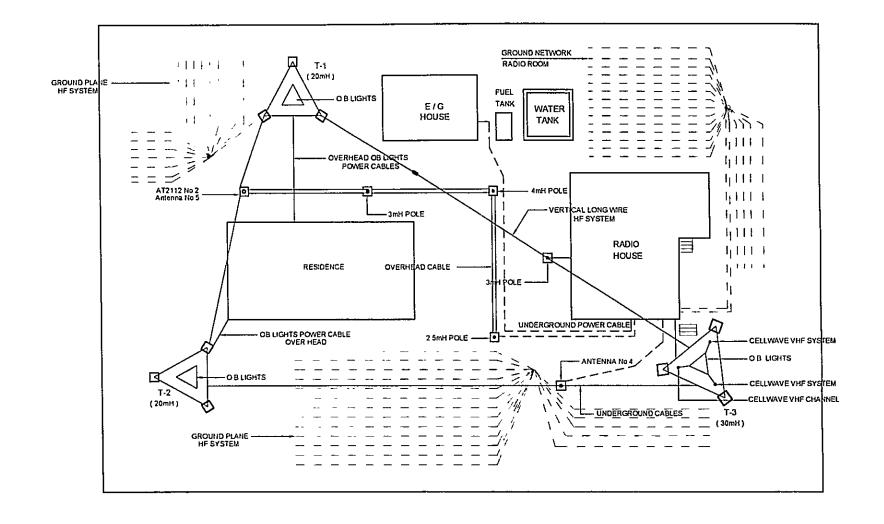
Site Name: Fak-Fak

Wobile Service Mobile	╟	FRECHENCY !		DOWED		
Mobile Service 2174,5 F1B 500 1 2187,5 F1B 500 1 2187,5 F1B 500 1 2182,0 J3E 100 6215,0 J3E 100 6215,0 J3E 100 Channel-16 G2B 50 Channel-20 G3E 50 I Channel-70 G3E 50 I Channel-70 G3E 50 I Channel-70 G3E 50 I Channel-70 G3E 50 I Channel-70 G3E 50 I Channel-70 G3E 50 I Channel-70 G3E 50 I Channel-70 G3E 50 I I S381,5 J3E 150 I I I I I I I I I I I I I I I I I I I			EMISSION	(W)	UTC 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23	REMARK
2174,5 F1B 500 1 2177,0 F1B 500 1 2187,5 F1B 500 1 2182,0 J3E 100 1 2182,0 J3E 100 1 2182,0 J3E 100 1 2182,0 J3E 100 1 2182,0 J3E 150 1 2182,0 J3E 150 1 2182,0 J3E 150 1 21825,0 J3		Mobile Service				
2187,0 F1B 500 1 2187,5 F1B 500 1 2182,0 J3E 100 6215,0 J3E 100 6215,0 J3E 100 6510,0 J3E 100 100 6510,0 J3E 100 100 6510,0 J3E 100 100 100 100 100 100 100 100 100 100		i !	F18	200		
2187,5 F18 500	~))	F18	200		
6331,0 F1B 500 ,	က	2187,5	F13	200		
2182,0 J3E 100 1 1 1 1 1 1 1 1 1	4	6331,0	F1B	200		
## Service	2	2182,0	JSE	100		
6510,0 J3E 100	9	8422,0	J3E	100		
6510,0 J3E 100 VHF Service Channel-16 G2B 50 1 Channel-20 G3E 50 1 Channel-70 G3E 50 1 Channel-70 G3E 50 1 Channel-70 J3E 150 1 10225,0 J3E 150 1 5381,5 J3E 150 1	~		335	100		
Channel-16 G2B 50 1 Channel-20 G3E 50 1 Channel-70 G3E 50 1 Fix Service 6926,0 J3E 150 1 10225,0 J3E 150 1 5381,5 J3E 150 1	ထ		13E	100		
VHF Service Channel-16 G2B 50 1 Channel-20 G3E 50 1 Channel-70 G3E 50 1 Channel-70 G3E 50 1 Channel-70 G3E 50 1 Channel-70 G3E 50 1 Channel-70 G3E 50 1 Channel-70 G3E 50 1 Channel-70 G3E 50 1 Channel-16 C2B 50 1 Channel-16 C2B 50 1 Channel-16 C2B 50 1 Channel-16 C2B 50 1 Channel-16 C2B 50 1 Channel-16 C2B 50 1 Channel-16 C2B 50 1 Channel-16 C2B 50 1 Channel-16 C2B 50 1 Channel-16 C2B 50 1 Channel-16 C2B 50 1 Channel-16 C2B 50 1 Channel-16 C2B 50 1 Channel-16 C2B 50 1 Channel-16 C2B 50 1 Channel-16 C2B 50 1 Channel-16 C3E 50 1 Channel-16 C3E 50 1 Channel-17 C3E 50 1 Channel-17 C4B 50 1 Channel-17						
Channel-16 G2B 50 1 Channel-20 G3E 50 1 Channel-70 G3E 50 1 Channel-70 G3E 50 1 Channel-70 G3E 50 1 Channel-70 G3E 50 1 Channel-70 G3E 150 1 Channel-70 J3E 150 1 Ch	1	VHF Service				
Channel-20 G3E 50 1 Channel-70 G3E 50 1 Fix Service 6926,0 J3E 150 1 10225,0 J3E 150 1 5381,5 J3E 150 1	6		G2B	50		
Channel-70 G3E 50	9	†	G3E	20		
Fix Service 6926,0 386,0 386,0 386,0 386,0 386,0 5381,5 386,0 1025,0 102	F	!	G3E	20		
Fix Service 6926,0 J3E 150 10225,0 J3E 150 10225,0 J3E 150 1						
6926,0 J3E 150 1 10225,0 J3E 150 1 1 10225,0 J3E 150 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Fix				
9925,0 J3E 150 10225,0 J3E 150 5381,5 J3E 150			J3E	150		
10225,0 J3E 150 ,1 ,1 ,2 ,2 ,2 ,3 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4 ,4	13		J3E	150		
5381,5 J3E 150	14		J3E	150		
	15		J3E	150		
	16					
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	23					

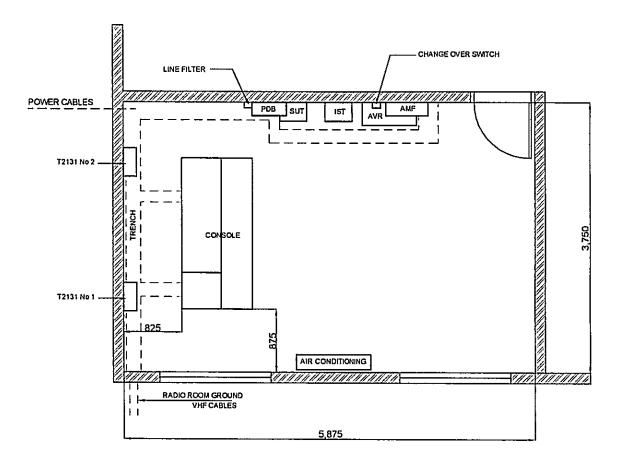


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DATE	DRAWING TITLE	SHEET NO
July 13, 2001	ANTENNA LAYOUT	1/1
SCALE	SITE NAME	
1:500	FAK-FAK	
DIMENSION	DRAWING NO	
Milimeter	S,R,O,P,-,F,K,F,-,	2,0,9,-,2,
	– 🚯 PT. Aneka Asi	ia Buana



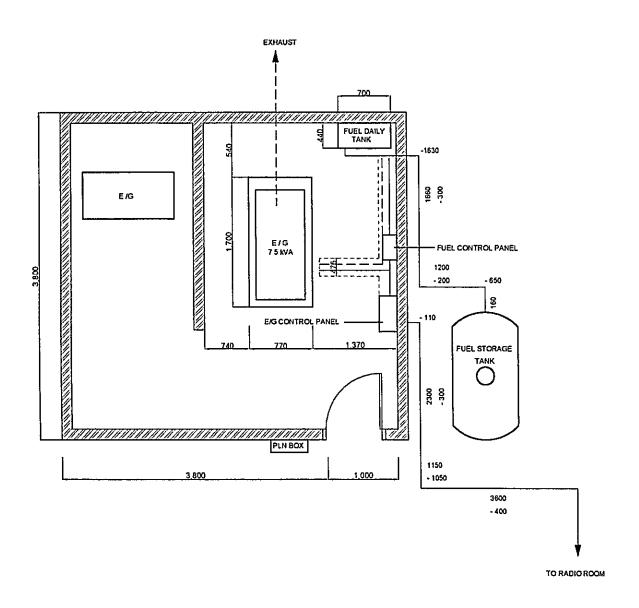
AVR · AUTOMATIC VOLTAGE REGULATOR

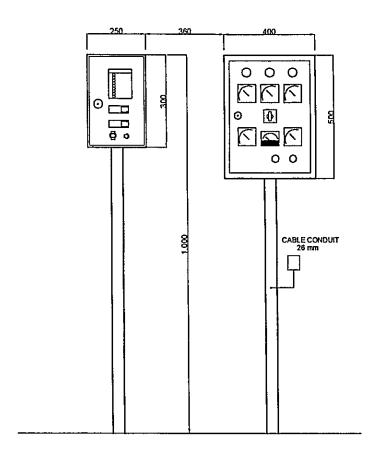
IST ISOLATION TRANSFORMER

PDB . POWER DISTRIBUTION BOARD

SUT . STEP - UP TRANSFORMER

DATE	DRAWING TITLE	SHEET NO
July 13, 2001	EQUIPMENT FLOOR LAYOUT	1/1
SCALE	SITE NAME	
1:50	FAK-FAK	•
DIMENSION	DRAWING NO	
Millmeter	S,R,O,P,-,F,K,F,-,	2,0,9,-,3,
	- R PT. Aneka As	





E/G : ENGINE GENERATOR kVA : KILO VOLT AMPERE

DATE		DRAWING TITLE	SHEET NO
July	/ 13, 2001	E/G FLOOR LAYOUT	1/1
SCALE		SITE NAME	
1:	50/1:25	FAK-FAK	
DIMENSION		DRAWING NO	
	Milimeter	S,R,O,P,-,F,K,F,-,	2,0,9,-,4,
		- B PT. Aneka Asi	ia Buana

BY AAB APPROVED BY JICA:

