

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

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

MARITIME TELECOMMUNICATION FACILITIES:
INVENTORY, PLANT RECORDS AND
OUTLOOK-2001

VOLUME - 2

DISTRICT NAVIGATION AREAS
OF
JAWA - BALI

8	1st Class Disnav	Tanjung Priok
9	2nd Class Disnav	Semarang
10	Sub-Disnav	Cilacap
11	1st Class Disnav	Surabaya
12	2nd Class Disnav	Benca

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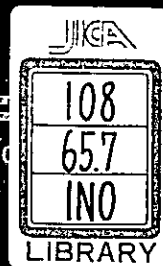
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

MARITIME TELECOMMUNICATION FACILITIES:
INVENTORY, PLANT RECORDS AND OUTLOOK-2001

VOLUME - 2

DISTRICT NAVIGATION AREAS





**THE STUDY FOR
MARITIME TRAFFIC SAFETY SYSTEM DEVELOPMENT PLAN
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**Maritime Telecommunication Facilities:
Inventory, Plant Records and
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**VOLUME - 2
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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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MARITIME TRAFFIC SAFETY SYSTEM DEVELOPMENT PLAN
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**Maritime Telecommunication Facilities:
Inventory, Plant Records and
Outlook-2001**

**1ST CLASS DISTRICT NAVIGATION AREA (8)
TANJUNG PRIOK**

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

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

1st Class District Navigation Area (8) Tanjung Priok

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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

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

**1st Class District Navigation Office (Area-8)
Jakarta**

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
- Unnecessary in this list

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY OF DISNAV

SITE	TANJUNG PRIOK		
CLASS	1st	NO.	8

1. LOCATION

Address	Tel.	Fax	Longitude	Latitude
Jl. Ancol Baru Jakarta Utara			107° 01' 57" E	06° 12' 21" S

2. GENERAL CONDITIONS

Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
By Car to Location [Taking time: 1:30 hr.]	<input checked="" type="checkbox"/> Highway	<input checked="" type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	1,200,000
	<input type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input type="checkbox"/> Motel	
	<input type="checkbox"/> Unpaved road	<input type="checkbox"/> Light		
		<input type="checkbox"/> None		

3. CONDITIONS OF DISNAV OFFICE

Refer to attached drawing

3.1 Site Conditions

Topography	Nature of Soil	Past disaster of site	Confirmation of existing system	
<input checked="" type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Flood	Yes	No
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Flood Tide	<input checked="" type="checkbox"/>	<input type="checkbox"/> Antenna
<input type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rain Leakage	<input type="checkbox"/>	<input checked="" type="checkbox"/> Towers (Masts)
<input type="checkbox"/> Basin	<input checked="" type="checkbox"/> Clay	<input type="checkbox"/> Ground Subsidence	<input checked="" type="checkbox"/>	<input type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy		<input checked="" type="checkbox"/>	<input type="checkbox"/> Lightning system
Altitude	16 m	Telephone Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/> Feeder Cable Way
Land area	23,985 m ²	<input checked="" type="checkbox"/> 3 Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/> City water

3.2 Building Conditions

3.3 Power Source

Constructions		PLN Source	E/G	Existing Power Conditions	
Num. of story	Two	Voltage	220 V	V	Good Bad
Structure	Concrete	Phase	3	1	<input type="checkbox"/> <input checked="" type="checkbox"/> Power Supply System
Type of roof	Asbestos	Wire	4		<input type="checkbox"/> <input type="checkbox"/> Operations of E/G
Type of ceiling	Triplex	kVA	41.5		<input type="checkbox"/> <input type="checkbox"/> Operations of AVR
Type of wall	Concrete	Quality of PLN source		Capacity of fuel for engine	
Wall finish	Mortar	Fluctuations	V ± %		Day tank
Flooring	Ceramic	Availability of power per day	24 Hours	Main tank	100 Liter
Room Area (m ²)		Power interruption /month	2 Times	E/G Stand-by System	
Operation room	3.00	Total interpt. hours /month	3 Hours	<input type="checkbox"/> Single System	
E / G room		Max. interpt. hours at once	72 Hours	<input type="checkbox"/> Dual System	
Remark					

4. OPERATION AND MAINTENANCE

5. PERSONNEL FORMATIONS

Actions taken in equipment failure									
Restoration flow	Routine Maintenance			Chief	1				
Examples of major failure				Operator (skilled)	2 ()				
Sufficiency of spares				Technician (skilled)	()				
Records of damages		Environmental Conditions			Administrator				
<input type="checkbox"/> Heavy rainfall		Good	Bad						
<input type="checkbox"/> Storm		<input checked="" type="checkbox"/>	<input type="checkbox"/>	External noises	Total	3			
<input type="checkbox"/> Lightning		<input checked="" type="checkbox"/>	<input type="checkbox"/>	Air pollution					
<input type="checkbox"/> Other calamity									
Institutional and Human Statuses				Training Record					
1 Budget	<input type="checkbox"/> Sufficient	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Insufficient	Course	Class	Location	Period	Trainee	
2 Spares	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough						
3 Measuring eqpt./tools	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough						
4 Number of Operator	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough						
5 Number of Technician	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough						
6 Capability of Operator	<input type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable						
7 Capability of Technician	<input type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable						

SUMMARY OF DISNAV	SITE	TANJUNG PRIOK		
	CLASS	1st	NO.	8

6. STATISTICAL COMMUNICATION TRAFFIC DATA												
Maritime Safety					Public Telecommunication Service							
Years	TG	TEL	DSC	NBDP	Years	Telephone		TG Call	Years	Telephone		TG Call
						Call	Minute			Call	Minute	
1996					1991				1996			
1997					1992				1997			
1998					1993				1998			
1999					1994				1999			
2000					1995				2000			

7. COMMENTS	
Suggestion	Since Feb. 1, 1999 (full GMDSS) public correspondense decreased, because the communications by using Satelite, Handphone, and illegal station , DGSC only for safety navigation
Remarks	

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

**Kanwil Office (Disnav Area - 8)
Jakarta**

Table of Content

- Summary of Coast Station
- Inventory
- Status of Trouble
- Operation Schedule (Frequencies)
- Site Location

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

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY OF KANWIL	SITE	TANJUNG PRIOK		
	CLASS	NO.	8	

1. LOCATION				
Address	Tel.	Fax	Longitude	Latitude
			° ' "	° ' "

2. GENERAL CONDITIONS				
Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
By Car to Location [Taking time: 1:00 hr.]	<input checked="" type="checkbox"/> Highway	<input checked="" type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	
	<input type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input type="checkbox"/> Motel	
	<input type="checkbox"/> Unpaved road	<input type="checkbox"/> Light		
		<input type="checkbox"/> None		

3. CONDITIONS OF KANWIL OFFICE	Refer to attached drawing
---------------------------------------	---------------------------

3.1 Site Conditions			
Topography	Nature of Soil	Past disaster of site	Confirmation of existing system
<input checked="" type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	Yes No
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input type="checkbox"/> Antenna
<input type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rocky	<input type="checkbox"/> Towers (Masts)
<input type="checkbox"/> Basin	<input checked="" type="checkbox"/> Clay	<input type="checkbox"/> Ground Subsidence	<input type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy		<input type="checkbox"/> Lightning system
Altitude	m	Telephone Lines	<input type="checkbox"/> Feeder Cable Way
Land area	m ²	<input type="checkbox"/> Lines	<input type="checkbox"/> City water

3.2 Building Conditions		3.3 Power Source			
Constructions		PLN Source	E/G	Existing Power Conditions	
Num. of story		Voltage	220 V	Good Bad	
Structure		Phase		<input type="checkbox"/> Power Supply System	
Type of roof		Wire		<input type="checkbox"/> Operations of E/G	
Type of ceiling		kVA		<input type="checkbox"/> Operations of AVR	
Type of wall		Quality of PLN source		Capacity of fuel for engine	
Wall finish		Fluctuations	V ± %	Day tank	Liter
Flooring		Availability of power per day	Hours	Main tank	k Liter
Room Area (m²)		Power interruption /month	Times	E/G Stand-by System	
Operation room		Total interpt. hours /month	Hours	<input type="checkbox"/> Single System	
E / G room		Max. interpt. hours at once	Hours	<input type="checkbox"/> Dual System	
Remark					

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS				
Actions taken in equipment failure								
Restoration flow				Chief				
Examples of major failure				Operator (skilled) ()				
Sufficiency of spares				Technician (skilled) ()				
Records of damages		Environmental Conditions		Administrator				
<input type="checkbox"/> Heavy rainfall		Good	Bad					
<input type="checkbox"/> Storm		<input type="checkbox"/>	<input checked="" type="checkbox"/>	External noises				
<input type="checkbox"/> Lightning		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Air pollution				
<input type="checkbox"/> Other calamity				Total				
Institutional and Human Statuses				Training Record				
1 Budget	<input type="checkbox"/> Sufficient	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Insufficient	Course	Class	Location	Period	Trainee
2 Spares	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
3 Measuring eqpt./tools	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
4 Number of Operator	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
5 Number of Technician	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
6 Capability of Operator	<input type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					
7 Capability of Technician	<input type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					

SUMMARY OF KANWIL	SITE	TANJUNG PRIOK		
	CLASS	NO.	8	

6. STATISTICAL COMMUNICATION TRAFFIC DATA												
Maritime Safety					Public Telecommunication Service							
Years	TG	TEL	DSC	NBDP	Years	Telephone		TG Call	Years	Telephone		TG Call
						Call	Minute			Call	Minute	
1996					1991				1996			
1997					1992				1997			
1998					1993				1998			
1999					1994				1999			
2000					1995				2000			

7. COMMENTS	
Suggestion	
Remarks	All Radio equipment stored in Jakarta Radio Station

INVENTORY

Site Name: Kanwil Jakarta

KWIL-JKT-VIII-(1 / 2)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		Operator Console/Desk/Rack							
1-1-1		Console-II-1	NRD-93		JRC	1989	SAR Project		
		All Wave Receiving	NDII-93		JRC	1989	SAR Project		
		Spot Scanning Unit	NCH-300		JRC	1989	SAR Project		
		Telecontroller (TX)	NCG-95		JRC	1989	SAR Project		
		Telecontroller (RX)	NTE-26		JRC	1989	SAR Project		
		Air VHF Radio Telephone	NCT-60C		JRC	1989	SAR Project		
		Digital Selective Calling			JRC	1989	SAR Project		
		Signal Controller			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		
		Dialing Unit			JRC	1989	SAR Project		
		Headset (x2)			JRC	1989	SAR Project		
		Ancillaries			JRC	1989	SAR Project		
		Telephone Device (x2)			JRC	1989	SAR Project		
		2182kHz A/A RX Monitor			JRC	1989	SAR Project		
		(TX) Telecontroller (For E)			JRC	1989	SAR Project		
		Fax			JRC	1989	SAR Project		
		TTY (x2)			JRC	1989	SAR Project		
		Telephony			JRC	1989	SAR Project		
		Telex			JRC	1989	SAR Project		
1-1-2		Power Supply Equipment							
		Isolation Transformer 3kVA			JRC	1989	SAR Project		
		Battery Charger 24V, 20A			JRC	1989	SAR Project		
		Battery 60AH, 12cells			JRC	1989	SAR Project		

INVENTORY

Site Name: Kanwil Jakarta

KWIL-JKT-VIII-(2 / 2)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1-2		Remote Control Equipment							
1-2-1		DRCS-II LOX MES TTY Telephony (x8) CE TDMA			JRC JRC JRC JRC JRC JRC JRC	1989 1989 1989 1989 1989 1989 1989	SAR Project SAR Project SAR Project SAR Project SAR Project SAR Project SAR Project		

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

**ADPEL/KPLP Office (Disnav Area - 8)
Jakarta**

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- E/G Floor Layout
- System Block Diagram
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Note :

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

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY OF ADPEL / KPLP	SITE	TANJUNG PRIOK		
	CLASS	NO.	VIII	

1. LOCATION				
Address	Tel.	Fax	Longitude	Latitude
Jl. Pelabuhan Pos 9, Tanjung Priok			° ' "	° ' "

2. GENERAL CONDITIONS				
Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
By Car to Location {Taking time: 1:00 hr}	<input checked="" type="checkbox"/> Highway	<input checked="" type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	
	<input type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input type="checkbox"/> Motel	
	<input type="checkbox"/> Unpaved road	<input type="checkbox"/> Light		
		<input type="checkbox"/> None		

3. CONDITIONS OF ADPEL/KPLP OFFICE	Refer to attached drawing
---	---------------------------

3.1 Site Conditions			
Topography	Nature of Soil	Past disaster of site	Confirmation of existing system
<input checked="" type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	Yes No
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input checked="" type="checkbox"/> Antenna
<input type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rocky	<input type="checkbox"/> Towers (Masts)
<input type="checkbox"/> Basin	<input type="checkbox"/> Clay	<input type="checkbox"/> Ground Subsidence	<input checked="" type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy		<input checked="" type="checkbox"/> Lightning system
Altitude	m	Telephone Lines	<input checked="" type="checkbox"/> Feeder Cable Way
Land area	m ²	<input type="checkbox"/> Lines	<input checked="" type="checkbox"/> City water

3.2 Building Conditions		3.3 Power Source		
Constructions		PLN Source	E/G	Existing Power Conditions
Num. of story		Voltage 220 V	V	Good Bad
Structure		Phase		<input type="checkbox"/> Power Supply System
Type of roof		Wire		<input type="checkbox"/> Operations of E/G
Type of ceiling		kVA		<input type="checkbox"/> Operations of AVR
Type of wall		Quality of PLN source		Capacity of fuel for engine
Wall finish		Fluctuations	V ± %	Day tank Liter
Flooring		Availability of power per day	Hours	Main tank k Liter
Room Area (m ²)		Power interruption /month	Times	E/G Stand-by System
Operation room		Total interpt. hours /month	Hours	<input type="checkbox"/> Single System
E / G room		Max. interpt. hours at once	Hours	<input type="checkbox"/> Dual System
Remark				

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS				
Actions taken in equipment failure								
Restoration flow				Chief				
Examples of major failure				Operator (skilled) ()				
Sufficiency of spares				Technician (skilled) ()				
Records of damages		Environmental Conditions		Administrator				
<input type="checkbox"/> Heavy rainfall		Good	Bad	Total				
<input type="checkbox"/> Storm		<input type="checkbox"/>	<input checked="" type="checkbox"/>	External noises				
<input type="checkbox"/> Lightning		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Air pollution				
<input type="checkbox"/> Other calamity								
Institutional and Human Statuses				Training Record				
1 Budget	<input type="checkbox"/> Sufficient	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Insufficient	Course	Class	Location	Period	Trainee
2 Spares	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
3 Measuring eqpt /tools	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
4 Number of Operator	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
5 Number of Technician	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
6 Capability of Operator	<input type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					
7 Capability of Technician	<input type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					

SUMMARY OF ADPEL / KPLP	SITE	TANJUNG PRIOK		
	CLASS		NO.	VIII

6. STATISTICAL COMMUNICATION TRAFFIC DATA

Maritime Safety					Public Telecommunication Service							
Years	TG	TEL	DSC	NBDP	Years	Telephone		TG Call	Years	Telephone		TG Call
						Call	Minute			Call	Minute	
1996					1991				1996			
1997					1992				1997			
1998					1993				1998			
1999					1994				1999			
2000					1995				2000			

7. COMMENTS

Suggestion	
Remarks	

INVENTORY

Site Name: Adpel Jakarta

KPLP-JKT-VIII-(1 / 1)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1	1-1 1-1-1	Radio Equipment Operator Console/Desk/Rack Console-III-II - Marine VHF Telecontroller - Analog Clock - Digital Clock - Remote Control Unit (For MTRX) - Dialing Unit - Headset (For MTRX) - Ancillaries - Console - Telephone Device (x2) - Telex - Telephony	J-70-P-b NKH-100 JCC-300RR8		JRC JRC JRC JRC JRC JRC JRC JRC JRC JRC JRC	1989 1989 1989 1989 1989 1989 1989 1989 1989 1989 1989	SAR Project SAR Project SAR Project SAR Project SAR Project SAR Project SAR Project SAR Project SAR Project SAR Project SAR Project		
1-1-2		Power Supply Equipment Isolation Transformer 0.5kVA Battery 6V, 45AH, 8cells AC Power Unit DC Power Unit			JRC JRC JRC JRC	1989 1989 1989 1989	SAR Project SAR Project SAR Project SAR Project		
1-2	1-2-1	Remote Control Equipment DRCS-I LOX MES TTY Telephony (x2) CE TDMA Fax			JRC JRC JRC JRC JRC JRC JRC JRC	1989 1989 1989 1989 1989 1989 1989 1989	SAR Project SAR Project SAR Project SAR Project SAR Project SAR Project SAR Project SAR Project		

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

**Training Centre District Navigation Office (Area-8)
Jakarta**

Table of Content

- Summary of Coast Station
- Inventory
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- 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
- Unnecessary in this list

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY OF DISNAV	SITE	TRAINING CENTER	
	CLASS	NO.	8

1. LOCATION				
Address	Tel.	Fax	Longitude	Latitude
Jl. Ancol Baru No. 2, Jakarta Utara	498534	490545	106° 51' 16" E	06° 07' 28" S

2. GENERAL CONDITIONS				
Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
By Car to Tg. Priok [Taking time 1.00 hr.]	<input checked="" type="checkbox"/> Highway	<input checked="" type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	
	<input type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input type="checkbox"/> Motel	
	<input type="checkbox"/> Unpaved road	<input type="checkbox"/> Light		
		<input type="checkbox"/> None		

3. CONDITIONS OF DISNAV OFFICE	Refer to attached drawing
---------------------------------------	---------------------------

3.1 Site Conditions			
Topography	Nature of Soil	Past disaster of site	Confirmation of existing system
<input checked="" type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	Yes No
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input type="checkbox"/> Antenna
<input type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rocky	<input type="checkbox"/> Towers (Masts)
<input type="checkbox"/> Basin	<input type="checkbox"/> Clay	<input type="checkbox"/> Ground Subsidence	<input checked="" type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy		<input checked="" type="checkbox"/> Lightning system
Altitude	2 m	Telephone Lines	<input checked="" type="checkbox"/> Feeder Cable Way
Land area	m ²	<input checked="" type="checkbox"/> 2 Lines	<input checked="" type="checkbox"/> City water

3.2 Building Conditions		3.3 Power Source		
Constructions		PLN Source	E/G	Existing Power Conditions
Num. of story	Two	Voltage	220 V	380 V
Structure	Concrete	Phase	3	3
Type of roof		Wire	4	4
Type of ceiling		kVA		225
Type of wall	Concrete	Quality of PLN source		Capacity of fuel for engine
Wall finish	Mortar	Fluctuations	V ± %	
Flooring	Ceramic	Availability of power per day	24 Hours	Day tank
		Power interruption /month	4 Times	1,000 Liter
		Total interpt. hours /month	10 Hours	Main tank
		Max. interpt. hours at once	6 Hours	k Liter
				E/G Stand-by System
Operation room	102			<input type="checkbox"/> Single System
E / G room				<input type="checkbox"/> Dual System
Remark				

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS				
Actions taken in equipment failure								
Restoration flow	Change the spare part/unit or repairing			Chief				
Examples of major failure	Display Signal Controller NQP-21 damaged			Operator (skilled)		()		
Sufficiency of spares				Technician (skilled)		()		
Records of damages			Environmental Conditions		Administrator			
<input type="checkbox"/> Heavy rainfall			Good	Bad				
<input type="checkbox"/> Storm			<input type="checkbox"/>	<input checked="" type="checkbox"/>	External noises			
<input type="checkbox"/> Lightning			<input type="checkbox"/>	<input checked="" type="checkbox"/>	Air pollution			
<input type="checkbox"/> Other calamity					Total			
Institutional and Human Statuses				Training Record				
1 Budget	<input type="checkbox"/> Sufficient	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Insufficient	Course	Class	Location	Period	Trainee
2 Spares	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
3 Measuring eqpt /tools	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
4 Number of Operator	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
5 Number of Technician	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
6 Capability of Operator	<input type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					
7 Capability of Technician	<input type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					

SUMMARY OF DISNAV	SITE	TRAINING CENTER		
	CLASS		NO.	8

6. STATISTICAL COMMUNICATION TRAFFIC DATA												
Maritime Safety					Public Telecommunication Service							
Years	TG	TEL	DSC	NBDP	Years	Telephone		TG Call	Years	Telephone		TG Call
						Call	Minute			Call	Minute	
1996	2				1991		20.051		1996		12.193	
1997					1992		23.501		1997		19.220	
1998					1993		19.257		1998		22,064	
1999					1994		18.519		1999		22.941	
2000	1				1995		16.740		2000		10.726	

7. COMMENTS	
Suggestion	
Remarks	

INVENTORY

Site Name: Jakarta Training Centre

JKT-TRC- (1 / 2)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
		SIMULATOR GMDSS							
1		1 kW MF/HF Transmitter	JRS-106MB	BS-61930	JRC	1987			Good
2		1 kW MF Transmitter	JRS-108	BS-62004	JRC	1987			Damage
3		MF/HF Training Radio Console	NCA-646	BP-90863	JRC	1987			Good
4		400 Mhz Band SS-FM Multiplex	JUP-401A	EM-11782	JRC	1987			Good
5		VHF Console	GFD-501YB	EM-11784	JRC	1987			Good
6		VHF Marine TX/RX	GFD-260YM	CM-63489	JRC	1987			Good
7		Remote Control	JCC-300LR 8W	CM-63462	JRC	1987			Good
8		Remote Control	JCC-300LR 8W	BP-90902	JRC	1987			Good
9		DSC/NBDP Console	NCA-748B	BP-90903	JRC	1987			Good
10		DCC WK RX Lock	GCD-1248A	BP-98289	JRC	1995			Good
11		Cabinet for Ship Station Transmitter	NCU-103A	BP-98295	JRC	1995			Good
12		Teleprinter Set	NSD-585	BP-31411	JRC	1987			Good
13		AVR 15 KVA	ERED-00016	BP-35084	JRC	1987			Good
14		Power Distribution Board	BNE-10834	S-23536	JRC	1987			Good
15		Power Distribution Board	NBJ-223E	70708 K	JRC	1987			Good
16		Marine VHF	JHV-227	W-100836-13	JRC	1987			Good
17				CV-52011	JRC	1987			Damage
18					JRC	1987			Damage
		NAVIGATION SIMULATOR							
1		Radar Simulator	JPZ-250/10	8701	JRC	1987			Damage
2		Signal Generator Cabinet	NGS-134	8701	JRC	1987			Good
3		Navigational Eq. Simulator	JAT-5	8701	JRC	1987			Good
4		Instructure Console	NGP-58	8701	JRC	1987			Good
5		Instructure Console	NGP-25A	8704	JRC	1987			Damage
6		X-Y Plotter	NGP-24A	8704	JRC	1987			Good
7		Printer	ADG-153A	8704	JRC	1987			Good
8		JAS-800 M II ARPA	RPS-4MM-2	R-85020	JRC	1987			Damage

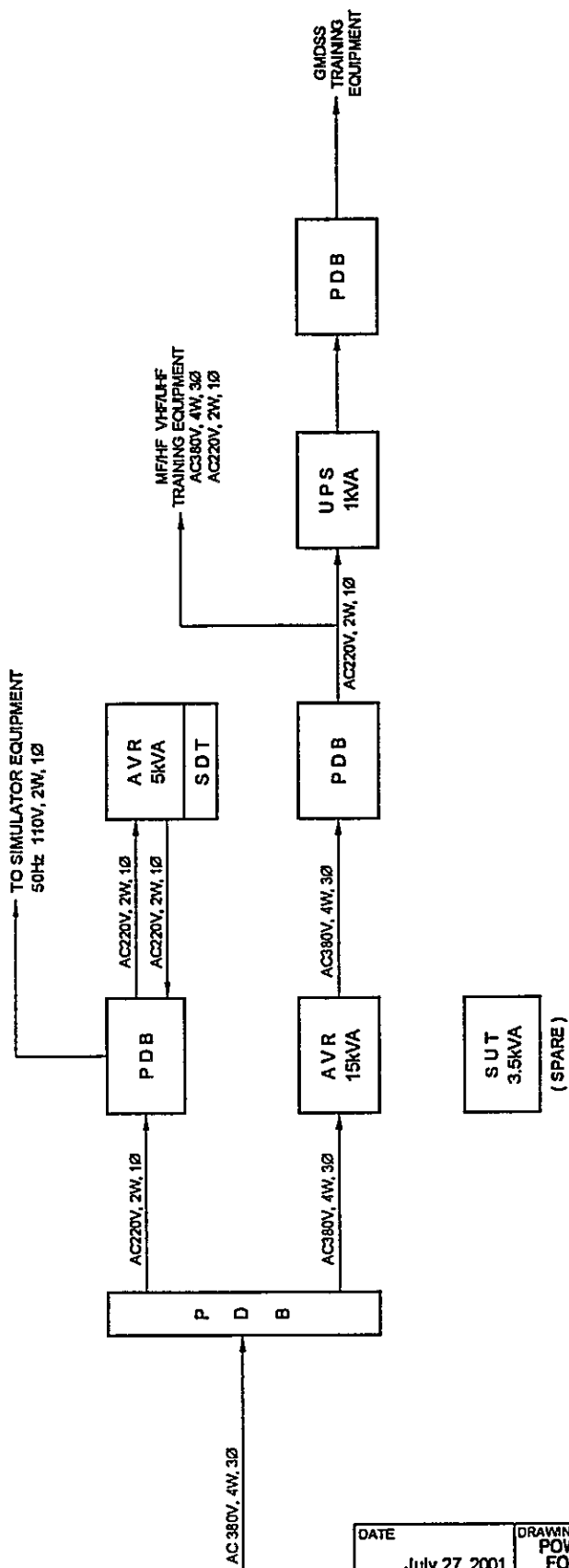
INVENTORY

Site Name: Jakarta Training Centre

JKT-TRC-(2/2)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
9		Control Console	NGM-168	8706	JRC	1987			Good
10		ADF	JLD-1100	MF-50789	JRC	1987			Good
11		Echosounder	JFE-570S	LF-67765	JRC	1987			Good
12		Loram C Navigator	JNA-761	KL-11115	JRC	1987			Good
13		Decca Navigation	RS-4000	8701	JRC	1987			Good
14		Omega Navigation	JLA-10A	LK-52706	JRC	1987			Good
15		NNSS	JLE-3850	KC-59489	JRC	1987			Good
16		AVR 5 KVA	NGQ-46B	8701	JRC	1987			Good

DRAWN BY AAB
 APPROVED BY JICA.



LEGEND.

AC : ALTERNATING CURRENT
 AVR : AUTOMATIC VOLTAGE REGULATOR
 HF : HIGH FREQUENCY
 KVA : KILO VOLT AMPERE
 MF : MEDIUM FREQUENCY
 PDB : POWER DISTRIBUTION BOARD
 SUT : STEP - UP TRANSFORMER

UPS : UNINTERRUPTED POWER SUPPLY
 UHF : ULTRA HIGH FREQUENCY
 V : VOLT
 VHF : VERY HIGH FREQUENCY
 W : WIRE
 Ø : PHASE

DATE July 27, 2001	DRAWING TITLE POWER BLOCK DIAGRAM FOR TRAINING CENTRE	SHEET NO 1 / 1
SCALE No Scale	SITE NAME TANJUNG PRIOK	
DIMENSION Milimeter	DRAWING NO. S, R, O, P, -, J, K, T, -, 0, 6, 5, -, 6,	
- PT. Aneka Asia Buana		

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

1st Class Coast Station
Jakarta
(Coast Station No. 65)

Table of Content

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

RX	TX	VHF	Drawings:
<input checked="" type="checkbox"/> *	<input checked="" type="checkbox"/> *	<input type="checkbox"/>	Site Location
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Antenna Layout
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Equipment Floor Layout
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	E/G Floor Layout
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	System Block Diagram
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Power Block Diagram

Note :

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

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY OF COAST STATION	SITE	JAKARTA		
	CLASS	1st	NO.	65

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
RX	Jl. H. Agus Salim No. 18, Tambun	8812286-87	8808470	107° 01' 57" E	06° 12' 21" S
TX	Jl. Ancol Baru, Tanjung Priok	490545		106° 51' 16" E	06° 07' 28" S

2. GENERAL CONDITIONS					
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population
By Car	to Bekasi [Taking time: 1:30 hr.]	<input checked="" type="checkbox"/> Highway	<input checked="" type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	
		<input type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input type="checkbox"/> Motel	
		<input type="checkbox"/> Unpaved road	<input type="checkbox"/> Light		
			<input type="checkbox"/> None		

3. CONDITIONS OF RECEIVING STATION	Refer to attached drawing
---	---------------------------

3.1 Site Conditions					
Topography	Nature of Soil		Past disaster of site	Confirmation of existing system	
<input checked="" type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	<input type="checkbox"/> Flood	Yes	No
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input type="checkbox"/> Flood Tide	<input checked="" type="checkbox"/>	<input type="checkbox"/> Antenna
<input type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rocky	<input type="checkbox"/> Rain Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/> Towers (Masts)
<input type="checkbox"/> Basin	<input checked="" type="checkbox"/> Clay		<input type="checkbox"/> Ground Subsidence	<input checked="" type="checkbox"/>	<input type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy			<input checked="" type="checkbox"/>	<input type="checkbox"/> Lightning system
Altitude	16.00 M		Telephone Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/> Feeder Cable Way
Land area	23,985 m ²		<input checked="" type="checkbox"/> 6 Lines	<input type="checkbox"/>	<input checked="" type="checkbox"/> City water
3.2 Building Conditions			3.3 Power Source		
Constructions		PLN Source	E/G	Existing Power Conditions	
Num. of story	Two	Voltage	220/380 V	Good Bad	
Structure	Concrete	Phase	3	<input checked="" type="checkbox"/> <input type="checkbox"/> Power Supply System	
Type of roof	Asbestos	Wire	4	<input checked="" type="checkbox"/> <input type="checkbox"/> Operations of E/G	
Type of ceiling	Triplex	kVA	41.5	<input checked="" type="checkbox"/> <input type="checkbox"/> Operations of AVR	
Type of wall	Brick	Quality of PLN source		Capacity of fuel for engine	
Wall finish	Mortar	Fluctuations	V ± %	Day tank	100 Liter
Flooring	Ceramic	Availability of power per day	24 Hours	Main tank	5 k Liter
Room Area (m²)		Power interruption /month	2 Times	E/G Stand-by System	
Operation room	544.50	Total interpt. hours /month	3 Hours	<input type="checkbox"/> Single System	
E / G room	60.00	Max. interpt. hours at once	72 Hours	<input checked="" type="checkbox"/> Dual System	
Remark					

4. CONDITIONS OF TRANSMITTING STATION	Refer to attached drawing
--	---------------------------

Site Conditions					
Topography	Nature of Soil		Past disaster of site	Confirmation of existing system	
<input checked="" type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	<input type="checkbox"/> Flood	Yes	No
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input checked="" type="checkbox"/> Flood Tide	<input checked="" type="checkbox"/>	<input type="checkbox"/> Antenna
<input type="checkbox"/> Hill-top	<input checked="" type="checkbox"/> Swampy	<input type="checkbox"/> Rocky	<input type="checkbox"/> Rain Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/> Towers (Masts)
<input type="checkbox"/> Basin	<input type="checkbox"/> Clay		<input type="checkbox"/> Ground Subsidence	<input checked="" type="checkbox"/>	<input type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy			<input checked="" type="checkbox"/>	<input type="checkbox"/> Lightning system
Altitude	2.00 m		Telephone Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/> Feeder Cable Way
Land area	14,081 m ²		<input checked="" type="checkbox"/> Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/> City water

SUMMARY OF COAST STATION	SITE	JAKARTA		
	CLASS	1st	NO.	65

4. CONDITIONS OF TRANSMITTING STATION (Continued) Refer to attached drawing

Building Conditions		Power Source			
Constructions		PLN Source		E/G	Existing Power Conditions
Num. of story	Two	Voltage	220/380 V	380/220 V	Good Bad
Structure	Concrete	Phase	3	3	<input checked="" type="checkbox"/> <input type="checkbox"/> Power Supply System
Type of roof	Asbestos	Wire	4	4	<input checked="" type="checkbox"/> <input type="checkbox"/> Operations of E/G
Type of ceiling	Triplex	kVA	150	225/100	<input checked="" type="checkbox"/> <input type="checkbox"/> Operations of AVR
Type of wall	Brick	Quality of PLN source		Capacity of fuel for engine	
Wall finish	Mortar	Fluctuations	V ± %		Day tank 1,000 Liter
Flooring	Ceramic	Availability of power per day	24 Hours		Main tank 5.00 k Liter
Room Area (m ²)		Power interruption /month		E/G Stand-by System	
Operation room	1,200	Total interpt. hours /month		<input type="checkbox"/> Single System	
E / G room	200.00	Max. interpt. hours at once		<input checked="" type="checkbox"/> Dual System	
Remark					

5. OPERATION AND MAINTENANCE **6. PERSONNEL FORMATIONS**

Actions taken in equipment failure				RX			TX			
Restoration flow	Routine Maintenance			Chief	1					
Examples of major failure				Operator (skilled)	96 (96)		9 (9)			
Sufficiency of spares				Technician (skilled)	5 (5)		5 (5)			
Records of damages		Environmental Conditions		Administrator						
<input type="checkbox"/> Heavy rainfall		Good	Bad							
<input type="checkbox"/> Storm		<input checked="" type="checkbox"/>	<input type="checkbox"/>	External noises	Total		102		14	
<input checked="" type="checkbox"/> Lightning	NBDP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Air pollution						
<input type="checkbox"/> Other calamity										
Institutional and Human Statuses				Training Record						
1 Budget	<input type="checkbox"/> Sufficient	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Insufficient	Course	Class	Location	Period	Trainee		
2 Spares	<input type="checkbox"/> Enough	<input checked="" type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough							
3 Measuring eqpt./tools	<input checked="" type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough							
4 Number of Operator	<input checked="" type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough							
5 Number of Technician	<input type="checkbox"/> Enough	<input checked="" type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough							
6 Capability of Operator	<input type="checkbox"/> Skilled	<input checked="" type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable							
7 Capability of Technician	<input type="checkbox"/> Skilled	<input checked="" type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable							

7. STATISTICAL COMMUNICATION TRAFFIC DATA

Maritime Safety					Public Telecommunication Service							
Years	TG	TEL	DSC	NBDP	Years	Telephone		TG Call	Years	Telephone		TG Call
						Call	Minute			Call	Minute	
1996	2	34	13		1991		20,051	31,332	1996		12,193	13,087
1997		30	14		1992		23,501	29,593	1997		19,220	11,446
1998		17	9		1993		19,257	26,951	1998		22,064	9,545
1999		22	10		1994		18,539	23,250	1999		22,941	4,572
2000	1	26	11		1995		16,74	17,333	2000		10,726	2,604

8. COMMENTS

Suggestion	Since Feb 1, 1999 (Fully GMDSS) public correspondence via terrestrial communication was decrease, doe to the communication using Satellite, Hand Phone, and illegal radio station. Therefore DGSC services only for marine safety and navigation.
Remarks	

INVENTORY

Site Name: Jakarta

JKT-065- (1 / 17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		Transmitter							
1		5 kW MF Transmitter	JKS-503E	BS-61413	JRC	1985	F-TA-193:PH1		Good
2		5 kW MF Transmitter	JKS-503E	BS-61414	JRC	1985	F-TA-193:PH1		Good
3		5 kW MF Transmitter	JKS-503E	BS-61415	JRC	1985	F-TA-193:PH1		Good
4		5 kW HF Transmitter	VRS-501V	BS-61443	JRC	1985	F-TA-193:PH1		Good
5		5 kW HF Transmitter	VRS-501V	BS-61444	JRC	1985	F-TA-193:PH1		Good
6		5 kW HF Transmitter	VRS-501V	BS-61445	JRC	1985	F-TA-193:PH1		Good
7		5 kW HF Transmitter	VRS-501V	BS-61446	JRC	1985	F-TA-193:PH1		Good
8		5 kW HF Transmitter	VRS-501V	BS-61447	JRC	1985	F-TA-193:PH1		Good
9		5 kW HF Transmitter	VRS-501V	BS-61448	JRC	1985	F-TA-193:PH1		Good
10		5 kW HF Transmitter	VRS-501V	BS-61449	JRC	1985	F-TA-193:PH1		Good
11		5 kW HF Transmitter	VRS-501V	BS-61450	JRC	1985	F-TA-193:PH1		Good
12		1 kW SSB Transmitter	JRS-106NB	BS-61487	JRC	1985	F-TA-193:PH1		Trouble
13		1 kW SSB Transmitter	JRS-106NB	BS-61488	JRC	1985	F-TA-193:PH1		Good
14		1 kW SSB Transmitter	JRS-106NB	BS-61489	JRC	1985	F-TA-193:PH1		Good
15		1 kW Transmitter	JRS-106NB	BS-61483	JRC	1985	F-TA-193:PH1		Good
16		1 kW MH/HF Transmitter	JRS-106NB	BS-61934	JRC	1987	F-TA-193:PH2		Good
17		1 kW HF Transmitter	JRS-106NB	BS-62100	JRC	1989	F-TA-193:PH2		Good
18		1 kW HF Transmitter	JRS-106NB	BS-62101	JRC	1989	F-TA-193:PH2		Good
19		1 kW HF Transmitter	JRS-106NB	BS-62110	JRC	1989	F-TA-193:PH2		Good
20		1 kW HF Transmitter	JRS-106NB	BS-62111	JRC	1989	F-TA-193:PH2		Good
21		2 kW HF Transmitter	JRS-106NB		JRC	1990	SAR PROJECT		Good
22		3 kW HF Transmitter	JRS-106NB		JRC	1990	SAR PROJECT		Good
23		2 kW HF Transmitter	JRS-713B	JF-00040	JRC	1997	F-TA-193:PH3		Good
24		3 kW HF Transmitter	JRS-713B	JF-00041	JRC	1997	F-TA-193:PH3		Good
25		4 kW HF Transmitter	JRS-713B	JF-00042	JRC	1997	F-TA-193:PH3		Good
26		5 kW HF Transmitter	JRS-713B	JF-00043	JRC	1997	F-TA-193:PH3		Good
27		1 kW ISB Transmitter	-	3522.144.87991	Phillips	1968			Not use
28		1 kW ISB Transmitter	-	3522.144.80220	Phillips	1968			Not use
29		1 kW ISB Transmitter	-	3522.321.53402	Phillips	1968			Not use
30		1 kW ISB Transmitter	-	3522.321.53403	Phillips	1968			Not use

Tanjung Priok

INVENTORY

Site Name: Jakarta

JKT-065- (2 / 17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1-2		Remote Control System							
1-2-1		Remote Control							
1		Remote Control Rack	GED-1049A	BP-89017	JRC	1985	F-TA-193:PHI		Good
2		Remote Control Rack	GED-1113A	BP-91858	JRC	1989	F-TA-193:PH2		Good
3		Local Terminal Unit	JCC-300LR8	BP-89302	JRC	1985	F-TA-193:PH1		Good
4		Local Terminal Unit	JCC-300LR8	BP-89303	JRC	1985	F-TA-193:PH1		Good
5		Local Terminal Unit	JCC-300LR8	BP-89304	JRC	1985	F-TA-193:PH1		Good
6		Local Terminal Unit	JCC-300LR8	BP-89305	JRC	1985	F-TA-193:PH1		Good
7		Local Terminal Unit	JCC-300LR8	BP-89306	JRC	1985	F-TA-193:PH1		Good
8		Local Terminal Unit	JCC-300LR8	BP-90893	JRC	1985	F-TA-193:PH1		Good
9		Local Terminal Unit	JCC-300LR8	BP-91762	JRC	1985	F-TA-193:PH1		Good
10		Local Terminal Unit	JCC-300LR8	BP-91763	JRC	1985	F-TA-193:PH1		Good
11		Local Terminal Unit	JCC-300LR8	BP-91764	JRC	1985	F-TA-193:PH1		Not Good
12		Local Terminal Unit	JCC-300LR8	BP-91765	JRC	1985	F-TA-193:PH1		Good
13		Voice Frequency Telegraph	JUT-1A	EQ-12836	JRC	1985	F-TA-193:PH1		Good
14		Voice Frequency Telegraph	JUT-1A	EQ-12856	JRC	1985	F-TA-193:PH1		Good
15		Main Distribution Frame	NQE-40A2	EQ-12823	JRC	1985	F-TA-193:PH1		Good
16		Coaxial Arrester	NYZ-400	84019	JRC	1985	F-TA-193:PH1		Good
17		Remote Control & Morse Transmitter Rack	GED-1050	BP89021	JRC	1985	F-TA-193:PH1		Good
18		Remote Control Unit	JCC-300R0S	BP-89318	JRC	1985	F-TA-193:PH1		Good
19		Remote Control Unit	JCC-300R0S	BP-89319	JRC	1985	F-TA-193:PH1		Good
20		Remote Control Unit	JCC-300R0S	BP-89320	JRC	1985	F-TA-193:PH1		Good
21		Remote Control Unit	JCC-300R0S	BP-89321	JRC	1985	F-TA-193:PH1		Good
22		Remote Control Unit	JCC-300R0S	BP-89322	JRC	1985	F-TA-193:PH1		Good
23		Morse Transmitter	NGK-2	BS-61451	JRC	1985	F-TA-193:PH1		Damaged
24		Morse Transmitter	NGK-2	BS-61452	JRC	1985	F-TA-193:PH1		Damaged
25		Local Terminal Unit	JCC-300LR8	BP98362	JRC	1995	F-TA-193:PH3		Good
26		Local Terminal Unit	JCC-300LR8	BP98363	JRC	1995	F-TA-193:PH3		Good
27		7.5G Radio Equipment	JUK-236AH	JA20324	JRC	1995	F-TA-193:PH3		Good
28		7.5G Radio Equipment	JUK-236AH	JA20325	JRC	1995	F-TA-193:PH3		Good
29		7.5G Radio Equipment	JUK-236AH	JA20326	JRC	1995	F-TA-193:PH3		Good
30		7.5G Radio Equipment	JUK-236AH	JA20327	JRC	1995	F-TA-193:PH3		Good

INVENTORY

Site Name: Jakarta

JKT-065- (3 / 17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
31		1st MUX Eqpt. (60/120CH)	JUJ-30A	JB10117	JRC	1995	F-TA-193:PH3		Good
32		1st MUX Eqpt. (90/120CH)	JUJ-30A	JB10118	JRC	1995	F-TA-193:PH3		Good
33		2nd MUX Equipment	JUJ-11A	1	JRC	1995	F-TA-193:PH3		Good
34		2nd MUX Equipment	JUJ-11A	JB10116	JRC	1995	F-TA-193:PH3		Good
35		2nd MUX Equipment	JUJ-11A	JB10115	JRC	1995	F-TA-193:PH3		Good
36		2nd MUX Equipment	JUJ-11A	EP12318	JRC	1995	F-TA-193:PH3		Good
37		TEL REP (12/30CH)	JUR-30A	JB51005	JRC	1995	F-TA-193:PH3		Good
38		TEL REP (18/30CH)	JUR-30A	JB51006	JRC	1995	F-TA-193:PH3		Good
39		Wave Guide	FR-7K	1	JRC	1995	F-TA-193:PH3		Good
40		Wave Guide	FR-7K	1	JRC	1995	F-TA-193:PH3		Good
41		Connector	FRT-7K05	1	JRC	1995	F-TA-193:PH3		Good
42		Connector	FRT-7K05	1	JRC	1995	F-TA-193:PH3		Good
43		Dehydrator	DBP-L5B59	24123	JRC	1995	F-TA-193:PH3		Good
44		Dehydrator	DBP-L5B59	24124	JRC	1995	F-TA-193:PH3		Good
45		Arrestor Box	NEQ-357T1	1	JRC	1995	F-TA-193:PH3		Good
46		Arrestor Box	NEQ-357T1	S33345	JRC	1995	F-TA-193:PH3		Good
47		Telephone Set	TSC-3031	1	JRC	1995	F-TA-193:PH3		Good
48		Telephone Set	TSC-3031	1	JRC	1995	F-TA-193:PH3		Good
49		Telephone Set	TSC-3031	1	JRC	1995	F-TA-193:PH3		Good
50		MDF	6JFTE00007	S-31059	JRC	1995	F-TA-193:PH3		Good
51		MDF	NQE-40A2	S-34299	JRC	1995	F-TA-193:PH3		Good
1-2-2		Supervisory Console							
1		Receiver	NRD-93	BR-33355	JRC	1985	F-TA-193:PH1		Good
2		Speaker Panel (1)	NVA-64G	-	JRC	1985	F-TA-193:PH1		Good
3		TX Status Display Panel	NCG-61C	-	JRC	1985	F-TA-193:PH1		Good
4		Ant. Matrix Status Displ. Panel	NCG-62B	-	JRC	1985	F-TA-193:PH1		Not Good
5		Independent Clock (1)	QA-513	-	JRC	1985	F-TA-193:PH1		Good
6		Power Supply (1)	CBD-665	-	JRC	1985	F-TA-193:PH1		Good
1-3		Operator Console/Desk/Rack							
1-3-1		MF TG Console							
1		Receiver	NRD-93	BR-44898	JRC	1985	F-TA-193:PH1		Good
2		Receiver	NRD-93	BR-33359	JRC	1985	F-TA-193:PH1		Good
3		Speaker Panel (1)	NVA-64G	-	JRC	1985	F-TA-193:PH1		Good
4		Radio Terminal	NQP-11	BP-89418	JRC	1985	F-TA-193:PH1		Good

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JKT-065- (4 / 17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
5		Radio Terminal	NQP-11	BP-89396	JRC	1985	F-TA-193:PHI		Good
6		TX Controller	NCH-230	BP-89477	JRC	1985	F-TA-193:PHI		Good
7		TX Controller	NCH-230	BP-89478	JRC	1985	F-TA-193:PHI		Good
8		TX Controller	NCH-230	BP-89479	JRC	1985	F-TA-193:PHI		Good
9		CQ Transmitter (1)	RS-4K	-	JRC	1985	F-TA-193:PHI		Damaged
10		Telephone Type Station	YT-A	-	JRC	1985	F-TA-193:PHI		Good
11		Slave Clock			JRC	1985	F-TA-193:PHI		Good
12		Power Supply (1)			JRC	1985	F-TA-193:PHI		Good
1-3-2		HF TG Console	NBK-31B	-	JRC	1985	F-TA-193:PHI		Good
1		Receiver	NRD-93	BR-33337	JRC	1985	F-TA-193:PHI		Good
2		Receiver	NRD-93	BR-33361	JRC	1985	F-TA-193:PHI		Good
3		Receiver	NRD-93	BR-33362	JRC	1985	F-TA-193:PHI		Good
4		Receiver	NRD-93	BR-33365	JRC	1985	F-TA-193:PHI		Good
5		Scanning Unit	NDH-93	BR-35448	JRC	1985	F-TA-193:PHI		Good
6		Scanning Unit	NDH-93	BR-35449	JRC	1985	F-TA-193:PHI		Good
7		Speaker Panel (1)	NVA-64G	-	JRC	1985	F-TA-193:PHI		Good
8		Radio Terminal	NQP-11	BP-89403	JRC	1985	F-TA-193:PHI		Good
9		Radio Terminal	NQP-11	BP-89410	JRC	1985	F-TA-193:PHI		Good
10		TX Controller	NCH-230	BP-89486	JRC	1985	F-TA-193:PHI		Good
11		TX Controller	NCH-230	BP-89502	JRC	1985	F-TA-193:PHI		Good
12		TX Controller	NCH-230	BP-89507	JRC	1985	F-TA-193:PHI		Good
13		TX Controller	NCH-230	BP-89489	JRC	1985	F-TA-193:PHI		Good
14		CQ Transmitter (1)	RS-4K	-	JRC	1985	F-TA-193:PHI		Good
15		Telephone Type Station	YT-A	-	JRC	1985	F-TA-193:PHI		Good
16		Slave Clock			JRC	1985	F-TA-193:PHI		Good
17		Power Supply (1)	NBK-31A	-	JRC	1985	F-TA-193:PHI		Good
18		Power Supply (1)	NBK-31B	-	JRC	1985	F-TA-193:PHI		Good
1-3-3		HF TP Console			JRC	1985	F-TA-193:PHI		Good
1		Receiver	NRD-93	BR-33336	JRC	1985	F-TA-193:PHI		Good
2		Receiver	NRD-93	BR-33359	JRC	1985	F-TA-193:PHI		Good
3		Receiver	NRD-93	BR-33356	JRC	1985	F-TA-193:PHI		Good
4		Receiver	NRD-93	BR-69360	JRC	1985	F-TA-193:PHI		Good
5		Scanning Unit	NDH-93	BR-35446	JRC	1985	F-TA-193:PHI		Good
6		Scanning Unit	NDH-93	BR-35447	JRC	1985	F-TA-193:PHI		Good

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JKT-065- (5 / 17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
7		Speaker Panel (2)	NVA-64G	-	JRC	1985	F-TA-193:PHI		Good
8		Radio Terminal	NQP-11	BP-89393	JRC	1985	F-TA-193:PHI		Good
9		Radio Terminal	NQP-11	BP-89394	JRC	1985	F-TA-193:PHI		Good
10		TX Controller	NCH-230	BP-89473	JRC	1985	F-TA-193:PHI		Good
11		TX Controller	NCH-230	BP-89474	JRC	1985	F-TA-193:PHI		Good
12		TX Controller	NCH-230	BP-89475	JRC	1985	F-TA-193:PHI		Good
13		TX Controller	NCH-230	BP-89476	JRC	1985	F-TA-193:PHI		Good
14		Telephone Repeater	NQQ-31A	BP-89436	JRC	1985	F-TA-193:PHI		Good
15		Telephone Repeater	NQQ-31A	BP-89437	JRC	1985	F-TA-193:PHI		Good
16		Telephone Repeater	NQQ-31B	BP-91863	JRC	1985	F-TA-193:PHI		Good
17		Telephone Repeater	NQQ-31B	BP-91864	JRC	1985	F-TA-193:PHI		Good
18		Telephone Type Station	YT-A	-	JRC	1985	F-TA-193:PHI		Good
19		Slave Clock (1)		-	JRC	1985	F-TA-193:PHI		Good
20		Power Supply (1)	NBK-31A	-	JRC	1985	F-TA-193:PHI		Good
21		Power Supply (1)	NBK-31B	-	JRC	1985	F-TA-193:PHI		Good
1-3-4		MF/HF Telephone Console							
1		Receiver	NRD-93	BR-33357	JRC	1985	F-TA-193:PHI		Good
2		Receiver	NRD-93	BR-33354	JRC	1985	F-TA-193:PHI		Good
3		Receiver	NRD-93	BR-41471	JRC	1985	F-TA-193:PHI		Good
4		Scanning Unit	NDH-93	BR-35455	JRC	1985	F-TA-193:PHI		Good
5		Speaker Panel (2)	NVA-64	-	JRC	1985	F-TA-193:PHI		Good
6		Radio Terminal	NQP-11	BP-31666	JRC	1985	F-TA-193:PHI		Good
7		Radio Terminal	NQP-11	BP-89394	JRC	1985	F-TA-193:PHI		Good
8		TX Controller	NCH-230	BP-89498	JRC	1985	F-TA-193:PHI		Good
9		TX Controller	NCH-230	BP-89499	JRC	1985	F-TA-193:PHI		Good
10		TX Controller	NCH-230	BP-89500	JRC	1985	F-TA-193:PHI		Good
11		TX Controller	NCH-230	BP-89501	JRC	1985	F-TA-193:PHI		Good
12		TX Controller	NCH-230	BP-89502	JRC	1985	F-TA-193:PHI		Good
13		Telephone Repeater	NQQ-31A	BP-89448	JRC	1985	F-TA-193:PHI		Good
14		Telephone Repeater	NQQ-31A	BP-89449	JRC	1985	F-TA-193:PHI		Good
15		Telephone Repeater	NQQ-31B	JF-31900	JRC	1995	F-TA-193:PH3		Good
16		Telephone Repeater	NQQ-31B	JF-31902	JRC	1995	F-TA-193:PH3		Good
17		Telephone Type Station	YT-A	-	JRC	1985	F-TA-193:PHI		Good
17		Slave Clock (1)		-	JRC	1985	F-TA-193:PHI		Good

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JKT-065- (6 / 17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
18		Power Supply (1)	NBK-31A	-	JRC	1985	F-TA-193:PHI		Good
19		Power Supply (1)	NBK-31B	-	JRC	1985	F-TA-193:PHI		Good
20		Telecontroller	NCH-300P	BP-91743	JRC	1985	F-TA-193:PHI		Good
21		Telecontroller	NCH-300P	BP-91744	JRC	1985	F-TA-193:PHI		Good
1-3-5		FIX COM Console	NCA-561A	BP-31107	JRC	1985	F-TA-193:PHI		Good
1		Receiver	NRD-93	BR-33429	JRC	1985	F-TA-193:PHI		Good
2		Receiver	NRD-93	BR-33430	JRC	1985	F-TA-193:PHI		Good
3		Receiver	NRD-93	BR-33385	JRC	1989	F-TA-193:PHI		Good
4		Speaker Panel (1)	NVA-64	-	JRC	1985	F-TA-193:PHI		Good
5		Radio Terminal	NQP-11	BP-89396	JRC	1985	F-TA-193:PHI		Good
6		TX Controller	NCH-230	BP-89494	JRC	1985	F-TA-193:PHI		Good
7		Telephone Repeater	NQQ-31A	-	JRC	1985	F-TA-193:PHI		Good
8		Telephone Repeater	NQQ-31B	JF-31901	JRC	1995	F-TA-193:PH3		Good
9		Telephone Repeater	NQQ-31B	JF-31904	JRC	1995	F-TA-193:PH3		Good
10		LINCOMPEX	NZA-15	BB-10090	JRC	1985	F-TA-193:PHI		Good
11		LINCOMPEX	NZA-15	BB-10191	JRC	1989	F-TA-193:PHI		Good
12		ARQ Equipment	NCL-550A	GA-10259	JRC	1985	F-TA-193:PHI		Good
13		ARQ Equipment	NCL-550A	GA-11031	JRC	1985	F-TA-193:PHI		Good
14		Telephone Type Station	YT-A	-	JRC	1985	F-TA-193:PHI		Good
15		Slave Clock (1)		-	JRC	1985	F-TA-193:PHI		Good
16		Power Supply (1)	NBK-31A	-	JRC	1989	F-TA-193:PH2		Good
17		Power Supply (1)	NBK-31B	-	JRC	1989	F-TA-193:PH2		Good
19		Signal Controller	NQP-21	BR-91740	JRC	1989	F-TA-193:PH2		Good
20		Telecontroller	NCH-300P	BR-91741	JRC	1989	F-TA-193:PH2		Good
1-3-6		FIX COM Console	NCA-561B	BP-31108	JRC	1985	F-TA-193:PHI		Good
1		Receiver	NRD-93	BR-33368	JRC	1985	F-TA-193:PHI		Good
2		Receiver	NRD-93	BR-33437	JRC	1985	F-TA-193:PHI		Good
3		Receiver	NRD-93	BR-44900	JRC	1985	F-TA-193:PHI		Good
4		Speaker Panel (2)	NVA-64G	-	JRC	1985	F-TA-193:PHI		Good
5		Radio Terminal	NQP-11	BP-89412	JRC	1985	F-TA-193:PHI		Good
6		Radio Terminal	NQP-11	BP-89403	JRC	1985	F-TA-193:PHI		Good
7		Telephone Repeater	NQQ-31A	BP-89439	JRC	1985	F-TA-193:PHI		Good
8		Telephone Repeater	NQQ-31B	BP-81889	JRC	1985	F-TA-193:PHI		Good
9		Telephone Repeater	NQQ-31B	BP-91870	JRC	1989	F-TA-193:PH2		Good

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JKT-065-(7/17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
10		Telephone Repeater	NQQ-31B	BP-91868	JRC	1989	F-TA-193:PH2		Good
11		Telephone Repeater	NQQ-31B	BP-91869	JRC	1989	F-TA-193:PH2		Good
12		Telephone Repeater	NQQ-31B	BP-91870	JRC	1989	F-TA-193:PH2		Good
13		LINCOMPEX	NZA-15	BB-10090	JRC	1989	F-TA-193:PH2		Good
14		LINCOMPEX	NZA-15	BB-10191	JRC	1989	F-TA-193:PH2		Good
15		ARQ Equipment	NCL-550A	GA-10255	JRC	1985	F-TA-193:PH1		Good
16		ARQ Equipment	NCL-550A	GA-10258	JRC	1985	F-TA-193:PH1		Good
17		Telephone Type Station	YT-A	-	JRC	1985	F-TA-193:PH1		Good
18		Slave Clock (1)		-	JRC	1985	F-TA-193:PH1		Good
19		Power Supply (1)	NBK-31A	-	JRC	1989	F-TA-193:PH2		Good
20		Power Supply (1)	NBK-31B	-	JRC	1989	F-TA-193:PH2		Good
1-3-7		FIX COM Console	NCA-561B	BP-31109	JRC	1985	F-TA-193:PH1		Good
1		Receiver	NRD-93	BR-33432	JRC	1985	F-TA-193:PH1		Damaged
2		Receiver	NRD-93	BR-33435	JRC	1985	F-TA-193:PH1		Good
3		Receiver	NRD-93	BR-44903	JRC	1985	F-TA-193:PH1		Good
4		Speaker Panel (2)	NVA-64G	-	JRC	1985	F-TA-193:PH1		Good
5		Radio Terminal	NQP-11	BP-31866	JRC	1985	F-TA-193:PH1		Good
6		Radio Terminal	NQP-11	BP-89411	JRC	1985	F-TA-193:PH1		Good
7		Telephone Repeater	NQQ-31B	JF-31007	JRC	1995	F-TA-193:PH3		Good
8		Telephone Repeater	NQQ-31B	JF-31909	JRC	1995	F-TA-193:PH3		Good
9		LINCOMPEX	NZA-15	BB-10094	JRC	1985	F-TA-193:PH1		Good
10		LINCOMPEX	NZA-15	BB-10193	JRC	1985	F-TA-193:PH1		Good
11		ARQ Equipment	NCL-550A	GA-11031	JRC	1985	F-TA-193:PH1		Good
12		ARQ Equipment	NCL-550A	GA-10254	JRC	1985	F-TA-193:PH1		Good
13		Telephone Type Station	YT-A	-	JRC	1985	F-TA-193:PH1		Good
14		Slave Clock (1)		-	JRC	1985	F-TA-193:PH1		Good
15		Power Supply (1)	NBK-31A	-	JRC	1985	F-TA-193:PH1		Good
16		Power Supply (1)	NBK-31B	-	JRC	1985	F-TA-193:PH1		Good
1-3-8		FIX COM Console	NCA-561C	BP-31110	JRC	1985	F-TA-193:PH1		Good
1		Receiver	NRD-93	BR-33435	JRC	1985	F-TA-193:PH1		Good
2		Receiver	NRD-93	BR-33438	JRC	1985	F-TA-193:PH1		Not Good
3		Receiver	NRD-93	BR-33439	JRC	1985	F-TA-193:PH1		Good
4		Speaker Panel (2)	NVA-64G	-	JRC	1985	F-TA-193:PH1		Good
5		Radio Terminal	NQP-11	BP-89412	JRC	1985	F-TA-193:PH1		Good

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JKT-065- (8 / 17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
6		Radio Terminal	NQP-11	BP-89403	JRC	1985	F-TA-193:PH1		Good
7		TX Controller	NCH-230	BP-89493	JRC	1985	F-TA-193 PH1		Good
8		TX Controller	NCH-230	BP-89494	JRC	1985	F-TA-193:PH1		Good
9		Telephone Repeater	NQQ-31A	BP-89443	JRC	1985	F-TA-193 PH1		Good
10		Telephone Repeater	NQQ-31A	BP-89444	JRC	1985	F-TA-193:PH1		Good
11		Telephone Repeater	NQQ-31B	JF-31897	JRC	1995	F-TA-193:PH3		Good
12		Telephone Repeater	NQQ-31B	BP-91872	JRC	1989	F-TA-193 PH2		Good
13		LINCOMPEX	NZA-15	BB-10094	JRC	1989	F-TA-193 PH2		Good
14		LINCOMPEX	NZA-15	BB-10198	JRC	1989	F-TA-193 PH2		Good
15		ARQ Equipment	NCL-550A	GA-10255	JRC	1985	F-TA-193:PH1		Good
16		ARQ Equipment	NCL-550A	GA-10258	JRC	1985	F-TA-193:PH1		Good
17		Telephone Type Station	YT-A	-	JRC	1985	F-TA-193:PH1		Good
18		Slave Clock (1)	-	-	JRC	1985	F-TA-193:PH1		Good
19		Power Supply (1)	NBK-31A	-	JRC	1989	F-TA-193:PH2		Good
20		Power Supply (1)	NBK-31B	-	JRC	1989	F-TA-193:PH2		Good
21		Telecontroller	NCH-300P	-	JRC	1989	F-TA-193:PH2		Good
1-3-9		NAVTEX Terminal (RX)		BP-91742	JRC	1989	F-TA-193:PH2		Good
1		Desk	CD4-398	1	JRC	1995	F-TA-193:PH3		Good
2		ARQ Modem (for Navtex) System FD	NCL-800	BP73266	JRC	1995	F-TA-193 PH3		Good
3		PC 486 DX4-100MHz	6281V5B	1	JRC	1995	F-TA-193:PH3		Good
4		CRT Display	6542-105		JRC	1995	F-TA-193:PH3		Good
5		Printer	LX-300	1	Epson	1995	F-TA-193:PH3		Good
6		Paper		2	JRC	1995	F-TA-193:PH3		Good
7		NAVTEX Receiver	NCR-300A	GD22727	JRC	1995	F-TA-193:PH3		Good
8		With Antenna	NAW-300	1	JRC	1995	F-TA-193:PH3		Good
9		Chair		1	JRC	1995	F-TA-193:PH3		Good
1-3-10		Search & Monitor Console							
1		Receiver	NRD-93	BR-33360	JRC	1985	F-TA-193:PH1		Good
2		Scanning Unit	NDH-93	BR-35456	JRC	1985	F-TA-193 PH1		Good
3		Speaker Panel (1)	NVA-64G	-	JRC	1985	F-TA-193 PH1		Good
4		500 kHz AA RCVR	JXA-15A	BA-29742	JRC	1985	F-TA-193:PH1		Good
5		2182 kHz AA RCVE	JXA-8A	BA-21040	JRC	1985	F-TA-193:PH1		Good
6		Automatic Direction Finder	JLR-1002	MF-12474	JRC	1985	F-TA-193 PH1		Good
7		Telephone Type Station	YT-A	-	JRC	1985	F-TA-193:PH1		Good

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JKT-065- (9 / 17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
8		Slave Clock (1)	-	-	JRC	1985	F-TA-193:PH1		Good
9		Power Supply (1)	NBK-31B	-	JRC	1985	F-TA-193:PH1		Good
10		500 kHz AA Buzzer	BZ-18	BA-29742	JRC	1985	F-TA-193:PH1		Good
11		Power Unit	NBA-3579	BP-20742	JRC	1985	F-TA-193:PH1		Good
12		Power Supply	NBA-1180	MF-12474	JRC	1985	F-TA-193:PH1		Good
1-3-11		DSC Console							
1		Junction Box	NQD-3655B		JRC	1995	F-TA-193:PH3		Good
2		DSC Console (Distress/Gen.Call)	NCA-783	BP98264	JRC	1995	F-TA-193:PH3		Good
3		Junction Box	NQD-3655	1	JRC	1995	F-TA-193:PH3		Good
4		Power Supply	NBK-31	1	JRC	1995	F-TA-193:PH3		Good
5		Telecontroller	NCH-300P	BP98359	JRC	1995	F-TA-193:PH3		Good
6		PC 150 DX4-100MHz	6281V5B	1	JRC	1995	F-TA-193:PH3		Good
7		CRT Display	6542-105	1	JRC	1995	F-TA-193:PH3		Good
8		Sys. Floppy Disk (DSC/NBDP)	7YLED10102	1	JRC	1995	F-TA-193:PH3		Good
9		AF Changer	NCE-6647	BP99815	JRC	1995	F-TA-193:PH3		Good
10		Master Clock	NKH-100	BP99584	JRC	1995	F-TA-193:PH3		Good
11		Chair	-	-	JRC	1995	F-TA-193:PH3		Good
12		Printer Rack	P-1020G	-	JRC	1995	F-TA-193:PH3		Good
13		Printer	LX-300	2	JRC	1995	F-TA-193:PH3		Good
14		Paper	-	4	JRC	1995	F-TA-193:PH3		Good
1-3-12		DSC Rack							
1		DSC W/K RX Rack (2U type)	GED-1249	BP98296	JRC	1995	F-TA-193:PH3		Good
2		RF Jack Panel	NQE-384R-C	1	JRC	1995	F-TA-193:PH3		Good
3		Junction Box	NQD-3631	1	JRC	1995	F-TA-193:PH3		Good
4		ALM Buzzer	CCD-242	1	JRC	1995	F-TA-193:PH3		Good
5		DSC W/K Receiver	NRD-740	BR69400	JRC	1995	F-TA-193:PH3		Good
6		DSC W/K Receiver	NRD-740	BR69401	JRC	1995	F-TA-193:PH3		Good
7		DSC W/K Receiver	NRD-740	BR69402	JRC	1995	F-TA-193:PH3		Good
8		DSC W/K Receiver	NRD-740	BR69403	JRC	1995	F-TA-193:PH3		Good
9		DSC W/K Receiver	NRD-740	BR69404	JRC	1995	F-TA-193:PH3		Good
10		DSC W/K Receiver	NRD-740	BR69405	JRC	1995	F-TA-193:PH3		Good
11		DSC W/K Receiver	NRD-740	BR69406	JRC	1995	F-TA-193:PH3		Good
12		DSC W/K Receiver	NRD-740	BR69407	JRC	1995	F-TA-193:PH3		Good
13		DSC W/K Receiver	NRD-740	BR69408	JRC	1995	F-TA-193:PH3		Good

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JKT-065- (10 / 17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
14		DSC W/K Receiver	NRD-740	BR69409	JRC	1995	F-TA-193:PH3		Good
15		DSC W/K Receiver	NRD-740	BR69410	JRC	1995	F-TA-193:PH3		Good
16		DSC W/K Receiver	NRD-740	BR69411	JRC	1995	F-TA-193:PH3		Good
17		DSC W/K Receiver	NRD-740	BR69412	JRC	1995	F-TA-193:PH3		Good
18		DSC W/K Receiver	NRD-740	BR69413	JRC	1995	F-TA-193:PH3		Good
19		RX Controller	NCJ-336A	BP98372	JRC	1995	F-TA-193:PH3		Good
20		RX Controller	NCJ-336A	BP98373	JRC	1995	F-TA-193:PH3		Good
21		Antenna Multi Coupler	NAJ-110A	BC19363	JRC	1995	F-TA-193:PH3		Good
22		1600kHz High Pass Filter	CFK-2	BC19348	JRC	1995	F-TA-193:PH3		Good
23		System Rack with Mother Board &PS	NCT-32	BP98541	JRC	1995	F-TA-193:PH3		Good
24		DSC DEM	CND-129A	BP98452	JRC	1995	F-TA-193:PH3		Good
25		DSC DEM	CND-129A	BP98453	JRC	1995	F-TA-193:PH3		Good
26		DSC DEM	CND-129A	BP98454	JRC	1995	F-TA-193:PH3		Good
27		DSC DEM	CND-129A	BP98455	JRC	1995	F-TA-193:PH3		Good
28		DSC MOD	CNM-159A	BP98493	JRC	1995	F-TA-193:PH3		Good
29		VHF DSC Modem (CH70)	CNM-158A	BP98517	JRC	1995	F-TA-193:PH3		Good
30		FS Modem	CHF-12A	BP98302	JRC	1995	F-TA-193:PH3		Good
31		CPU IF	CDC-721A	BP98415	JRC	1995	F-TA-193:PH3		Good
32		Power Supply	NBA-3979C	BP98554	JRC	1995	F-TA-193:PH3		Good
1-3-13		NBDP Console (RX Station)							
1		Console (2U Type)	NCA-784	BP98276	JRC	1995	F-TA-193:PH3		Good
2		Jack Panel	NQC-742A	1	JRC	1995	F-TA-193:PH3		Good
3		RF Jack Panel	NQE-584R-C	1	JRC	1995	F-TA-193:PH3		Good
4		Junction Box	NQD-3655 B	1	JRC	1995	F-TA-193:PH3		Good
5		Power Supply	NBK-31	1	JRC	1995	F-TA-193:PH3		Good
6		Receiver	NRD-93	BR69359	JRC	1995	F-TA-193:PH3		Good
7		Receiver	NRD-93	BR69360	JRC	1995	F-TA-193:PH3		Good
8		Hybrid	CB721S-S	1	JRC	1995	F-TA-193:PH3		Good
9		Speaker Panel	NVA-64	1	JRC	1995	F-TA-193:PH3		Good
10		Telecontroller	NCH-300P	BP98360	JRC	1995	F-TA-193:PH3		Good
11		Signal Controller	NQP-21-1	BP98627	JRC	1995	F-TA-193:PH3		Good
12		Telephone Repeater	NQQ-31BA	BP98640	JRC	1995	F-TA-193:PH3		Good
13		System Rack with Mother Board &PS	NCT-32S-A	BP98567	JRC	1995	F-TA-193:PH3		Good
14		FS Modem	CHF-12A	BP98392	JRC	1995	F-TA-193:PH3		Good

Tanjung Priok

INVENTORY

Site Name: Jakarta

JKT-065- (11 / 17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
15		CPU II:	CDC-721A	BP98415	JRC	1995	F-TA-193:PH3		Good
16		Modem	NQA-1604	BP12174	JRC	1995	F-TA-193:PH3		Good
17		Personal Computer	6281-V5B	1	JRC	1995	F-TA-193:PH3		Good
18		CRT Display	6542-105	1	JRC	1995	F-TA-193:PH3		Good
19		System Floppy Disk (NBDP/TELEX)	7YLED10106	1	JRC	1995	F-TA-193:PH3		Good
20		Clock (+7H)		1	JRC	1995	F-TA-193:PH3		Good
21		Head Set	NTR-3302	1	JRC	1995	F-TA-193:PH3		Good
22		Morse Key	HK-704	1	JRC	1995	F-TA-193:PH3		Good
23		Cable for Key	KC-547	1	JRC	1995	F-TA-193:PH3		Good
24		Headphone	ST-3	1	JRC	1995	F-TA-193:PH3		Good
25		Chair		1	JRC	1995	F-TA-193:PH3		Good
26		Printer Rack	P-1020G	1	JRC	1995	F-TA-193:PH3		Good
27		Printer	LX-300	2	JRC	1995	F-TA-193:PH3		Good
28		Paper		4	JRC	1995	F-TA-193:PH3		Good
29		Printer Auto-Switch	ASL-21(240)	1	JRC	1995	F-TA-193:PH3		Good
30		Paper Tape Reader/Puncher	DPT-610A	1	JRC	1995	F-TA-193:PH3		Good
1-4		VHF System							
1		Voice Frequency Telegraph	JUT-1A	EQ-12837	JRC	1985	F-TA-193:PH1		Good
2		Voice Frequency Telegraph	JUT-1A	EQ-12857	JRC	1985	F-TA-193:PH1		Good
3		Voice Frequency Telegraph	JUT-1A	EQ-12838	JRC	1985	F-TA-193:PH1		Good
4		Main Distribution Frame	NQE-40A2	EQ-12819	JRC	1985	F-TA-193:PH1		Good
5		Coaxial Arrester	NYZ-400	84047	JRC	1985	F-TA-193:PH1		Good
6		Voice Frequency Telegraph	JUT-1A	EQ-12836	JRC	1985	F-TA-193:PH1		Good
7		Main Distribution Frame	NQE-40A2	EQ-12820	JRC	1985	F-TA-193:PH1		Good
8		Coaxial Arrester	NYZ-400	84047	JRC	1985	F-TA-193:PH1		Good
9		VHF Transceiver	GFD-260YK	CV-57495	JRC	1985	F-TA-193:PH1		Good
10		VHF Transceiver (CH:20)	GFD-260YL	CV-57468	JRC	1985	F-TA-193:PH1		Good
11		VHF Transceiver (CH:20)	GFD-260YL	CV-57469	JRC	1985	F-TA-193:PH1		Good
12		VHF Transceiver (CH:20)	GFD-260YL	CV-57470	JRC	1985	F-TA-193:PH1		Good
13		Super Gain Antenna	SG-1504A	4427	JRC	1985	F-TA-193:PH1		Good
14		Super Gain Antenna	SG-1504A	4428	JRC	1985	F-TA-193:PH1		Good
15		Super Gain Antenna	SG-1504A	4429	JRC	1985	F-TA-193:PH1		Good
16		Super Gain Antenna	SG-1504A	4430	JRC	1985	F-TA-193:PH1		Good
17		Band Pass Filter	BP2-1500A	F-44445	JRC	1985	F-TA-193:PH1		Good

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Site Name: Jakarta

JKT-065- (12 / 17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
18		Duplexer	DF33-1500A	F-44454	JRC	1985	F-TA-193:PH1		Good
19		Duplexer	DF33-1500A	F-44463	JRC	1985	F-TA-193:PH1		Good
20		Duplexer	DF33-1500A	F-44468	JRC	1985	F-TA-193:PH1		Good
21		VHF Console	GFD-502YF	CV-57487	JRC	1985	F-TA-193:PH1		Good
22		Slave Clock	-	1891	JRC	1985	F-TA-193:PH1		Good
23		VHF TX/RX (CH70 DSC)	JRV-500APM	BH20433	JRC	1995	F-TA-193:PH3		Good
24		VHF Controller	NCU-272-11	BP98622	JRC	1995	F-TA-193:PH3		Good
25		Modem for NCU-272-11	CNM-162	1	JRC	1995	F-TA-193:PH3		Good
26		Modem for JRV-500APM	CNM-162A	1	JRC	1995	F-TA-193:PH3		Good
27		Desk	CD4-165	1	JRC	1995	F-TA-193:PH3		Good
28		Duplexer	AW-158YB	950714	JRC	1995	F-TA-193:PH3		Good
29		Coaxial Arrester	NYZ-150	95003	JRC	1995	F-TA-193:PH3		Good
30		Local Terminal Unit	JCC-300LR8W	BP98364	JRC	1995	F-TA-193:PH3		Good
31		Local Terminal Unit	JCC-300LR8W	BP98365	JRC	1995	F-TA-193:PH3		Good
32		VHF TX/RX Marine Radio	GFD-260YK	CV57495	JRC	1995	F-TA-193:PH3		Good
33		VHF TX/RX Marine Radio	GFD-260YL	CV57468	JRC	1995	F-TA-193:PH3		Good
34		VHF TX/RX Marine Radio	GFD-260YL	CV57469	JRC	1995	F-TA-193:PH3		Good
35		VHF TX/RX Marine Radio	GFD-260YL	CV57470	JRC	1995	F-TA-193:PH3		Good
36		BPF	BP2-1500A	F44445	JRC	1995	F-TA-193:PH3		Good
37		Duplexer	DF33-1500A	F44454	JRC	1995	F-TA-193:PH3		Good
37		Duplexer	DF33-1500A	F44463	JRC	1995	F-TA-193:PH3		Good
38		Duplexer	DF33-1500A	F44468	JRC	1995	F-TA-193:PH3		Good
39		VHF Operation Console	GFD-502YF	CV57487	JRC	1995	F-TA-193:PH3		Good
2		Tower & Antenna System							
2-1		Tower & Mast							
1		TX Station	Square	T1, T2, T3, T4					Good
2		30mH Self Supporting	Square	T6, T7, T8, T9					Good
3		35mH Self Supporting	Square	T5 & T9					Good
4		100mH Self Supporting	Square	(1)					Good
5		Panzer Mast	-	R24x2					Good
		Lightning Rod		1	JRC	1995	F-TA-193:PH3		Good

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Site Name: Jakarta

JKT-065- (13 / 17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		RX Station	Square	T2, T3 & T4		1986	F-TA-193:PH1		Good
2		30mH Self Supporting	Square	T6		1986	F-TA-193:PH1		Good
3		50mH Self Supporting	-	(1)		1986	F-TA-193:PH1		Good
2-2		50mH Guyed Mast							
		Antenna System							
		TX Station							
1		4W T Type Antenna x2				1990	F-TA-193 PH2		Good
2		Fan Antenna x5				1990	F-TA-193:PH2		Good
3		Single Doublet Antenna x12				1990	F-TA-193:PH2		Good
4		V Type Antenna x2				1990	F-TA-193:PH2		Good
5		VLP Antenna x1				1990	F-TA-193:PH2		Good
6		Multi Doublet Antenna x1				1990	F-TA-193:PH2		Good
7		UHF Antenna x1				1990	F-TA-193:PH2		Good
8		Inverted "L" Antenna	GT-045M	2	JRC	1995	F-TA-193:PH3		Good
9		Brown Cardiode Antenna (for V&S)	BRC-1511	1	JRC	1995	F-TA-193:PH3		Good
10		Super Gain Antenna (for V&S)	SG-1504A	4427	JRC	1995	F-TA-193:PH3		Good
11		Super Gain Antenna (for V&S)	SG-1504A	4428	JRC	1995	F-TA-193 PH3		Good
12		Super Gain Antenna (for V&S)	SG-1504A	4429	JRC	1995	F-TA-193:PH3		Good
13		Super Gain Antenna (for V&S)	SG-1504A	4430	JRC	1995	F-TA-193:PH3		Good
14		7.5G, 2m Antenna (for V&S)	NAY-075-209	M95646	JRC	1995	F-TA-193:PH3		Good
		RX Station							
1		Loop Antenna x1	AE-0-62	-		1990	F-TA-193:PH2		Good
2		Single Cone Antenna	3001-70-30ML	3001-70F		1990	F-TA-193:PH2		Good
3		Single Cone Antenna	I794-105	-		1990	F-TA-193:PH2		Good
4		V-Log Periodic Antenna x1	I703-101-5K	-		1990	F-TA-193:PH2		Good
5		Double Doublet Antenna x3	-	-		1990	F-TA-193:PH2		Good
6		Inverted L Antenna x1	-	-		1990	F-TA-193:PH2		Good
7		Inverted L Antenna x2	-	-		1990	F-TA-193:PH2		Good
8		VHF Antenna x1	-	-		1990	F-TA-193:PH2		Good
9		2 GHz Antenna	-	-		1990	F-TA-193:PH2		Good
10		7.5G, 2m Antenna	-	-		1990	F-TA-193:PH2		Good
2-3		Antenna Switch	NAY-075-209	M95647	JRC	1995	F-TA-193:PH3		Good
1		Antenna Switching Matrix	ASED00027	93821	-	1985	F-TA-193:PH1		Good
2		Antenna Switching Matrix	ASED00028	93822	-	1985	F-TA-193:PH1		Good

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INVENTORY

Site Name: Jakarta

JKT-065- (14 / 17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
3		Antenna Switching Matrix	ASED10003	500501	-	1989	F-TA-193:PH2		Good
4		Auto Antenna Charger	NQZ-168	BP-80392	-	1971			Good
5		Auto Antenna Charger	NQZ-168	BP-80393	-	1971			Good
6		Antenna Selector	GJD-107A	BP-89113	-	1985	F-TA-193:PH1		Good
7		Antenna Selector Rack	NKZ-220A	-	-	1985	F-TA-193:PH1		Good
8		Antenna Selector x1	NAF-80FA	BC-13458	-	1985	F-TA-193:PH1		Good
9		Antenna Multi Coupler	NAF-80FA	BC-13459	-	1985	F-TA-193:PH1		Good
10		Antenna Multi Coupler	NAF-80FA	BC-13460	-	1985	F-TA-193:PH1		Good
11		Antenna Multi Coupler	NAF-80FA	BC-13461	-	1985	F-TA-193:PH1		Good
12		Antenna Multi Coupler	NAF-80FA	BC-13462	-	1985	F-TA-193:PH1		Good
13		Antenna Multi Coupler	NAF-80FA	BC-13463	-	1985	F-TA-193:PH1		Good
14		Antenna Multi Coupler	NAF-80FA	BC-13464	-	1985	F-TA-193:PH1		Good
15		Antenna Multi Coupler	NAF-80FA	BC-13519	-	1985	F-TA-193:PH1		Good
16		BC Band Rejection Filter	CFL-172	BC-13520	-	1985	F-TA-193:PH1		Good
17		BC Band Rejection Filter	CFL-172	BC-13521	-	1985	F-TA-193:PH1		Good
18		BC Band Rejection Filter	CFL-172	BC-13522	-	1985	F-TA-193:PH1		Good
19		BC Band Rejection Filter	CFL-172	BC-13523	-	1985	F-TA-193:PH1		Good
20		BC Band Rejection Filter	CFL-172	BC-13524	-	1985	F-TA-193:PH1		Good
21		BC Band Rejection Filter	CFL-172	BC-13525	-	1985	F-TA-193:PH1		Good
22		Antenna Coupler	NFG-141	BP-91195	-	1988	F-TA-193:PH2		Good
23		Antenna Multi Coupler	NAJ-110A	BC-19363	JRC	1995	F-TA-193:PH3		Good
2-3		Antenna Matching Unit							
1		Antenna Matching Unit	NFG-5B	BP-88954	-	1985	F-TA-193:PH1		Good
2		Antenna Matching Unit	NFG-5B	BP-88955	-	1985	F-TA-193:PH1		Good
3		Antenna Matching Unit	NFG-2C	BP-88956	-	1985	F-TA-193:PH1		Good
4		Antenna Matching Unit	NFG-2C	BP-88957	-	1985	F-TA-193:PH1		Good
5		Matching Unit Control	NCM-134F	BP-88962	-	1985	F-TA-193:PH1		Good
6		Matching Unit Control	NCM-134F	BP-88963	-	1985	F-TA-193:PH1		Good
7		Antenna Matching Unit x4	AW-314	-	-	1985	F-TA-193:PH1		Good
8		TX AMU for I/L (for DSC)	NFG-140A	BP98589	JRC	1995	F-TA-193:PH3		Good
9		TX AMU for I/L (for NBDP)	NFG-140A	BP98590	JRC	1995	F-TA-193:PH3		Good

INVENTORY

Site Name: Jakarta

JKT-065- (15 / 17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
3		Power Supply Equipment							
3-1		Power Distribution Board	NBJ-155B	AAJ014B	-	1985	F-TA-193:PH1		Good
2		Power Distribution Board	NBJ-155A	AAJ014A	-	1985	F-TA-193:PH1		Good
3		Power Distribution Board	NBJ-402RC	BP98379	JRC	1995	F-TA-193:PH3		Good
3-2		Type RC (for VHF) 220V, 1P Isolation Transformer							
1		200kVA, 380V, 3P	NBL-227A	BP99801	JRC	1995	F-TA-193:PH3		Good
2		20kVA, 220V, 1P	NBL-227D	BP99813	JRC	1995	F-TA-193:PH3		Good
3		3kVA	MS-10AC	T-5324	JRC	1995	F-TA-193:PH3		Good
4		3kVA	MS-10AC	T-5325	JRC	1995	F-TA-193:PH3		Good
3-3		Step-Up Transformer							
1		3.5kVA, 220/380V, 3P (for TX)	NBA-226B	BP99788	JRC	1995	F-TA-193:PH3		Good
3-4		Step-Down Transformer							
1		200kVA, 380/220V, 3P, 4W	LVED-00394	72481	-	1987	F-TA-193:PH1		Good
3-5		UPS & AVR							
1		AVR 200kVA, 380V, 3P, 4W	ERED-00015	S523541	-	1987	F-TA-193:PH1		Good
2		AVR 17.5 kVA	LMS-17.5-115-1	AAJ012A	-	1985	F-TA-193:PH1		Good
3		AC Uninterruptible Power	FTRS-2L1-1	AAJ008A	-	1985	F-TA-193:PH1		Good
4		Rectifier (1)	-	-	-	-	-		Good
5		DC/AC Inverter (1)	-	-	-	-	-		Good
6		Storage Batteries (1)	-	-	-	-	-		Good
7		By Pass Circuit (1)	-	-	-	-	-		Good
8		Associated Control (1)	-	-	-	-	-		Good
9		Interrupted Power Equipment							
10		UPS 2kVA, 220V, 1P	NJD-2197	002	-	1987	F-TA-193:PH1		Good
11		UPS 2kVA, 220V, 1P	Net Pro 2000	NF20A0209523	JRC	1995	F-TA-193:PH3		Good
12		UPS 1kVA, 220V, 1P	Net Pro 2000	A018	JRC	1995	F-TA-193:PH3		Good
13		CHR/RECT (-24V/30A)	MICRO 110	9609A007	JRC	1995	F-TA-193:PH3		Good
14		CHR/RECT (-24V/30A)	NBB-31-30Z	S-16435	JRC	1995	F-TA-193:PH3		Good
15		CHR/RECT (-24V/30A)	NBB-31-30Z	S-16436	JRC	1995	F-TA-193:PH3		Good
16		Battery (210AH)	NBB-31-30Z	S-16437	JRC	1995	F-TA-193:PH3		Good
17		Battery (210AH)	CS-210Ex13	956-8555	JRC	1995	F-TA-193:PH3		Good

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Site Name: Jakarta

JKT-065- (16 / 17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
3-6		Engine Generator							
1		100kVA Engine Generator	SC-434D	OM-346-919F	D Benz	1995	F-TA-193:PH3		Good
2		22.5kVA Engine Generator	A-4L514	738001	Cumming	1989	F-TA-193:PH2		Good
3		60kVA Engine Generator	EUV-17.5-4LS-	2257549/52	D Benz	1995	F-TA-193:PH3		Good
4		17.5kVA Standby E/G	1-AA-SS	AAJ135A	-	1985	F-TA-193:PH1		Good
5		15kVA DEG (1)							Good
6		Control Cubicle (1)							Good
7		Starting Battery (1)							Good
8		Fuel Day Tank 100 l (1)							Good
9		Fuel Main Tank 5000 l (1)							Good
4		Measuring Equipment							
1		Oscilloscope	2235	B017839	-	-			Good
2		Digital Circuit Tester	MD-200C	841041	-	-			No Good
3		Frequency Counter	5383A	2412A06295	-	-			Good
4		Audio Distortion Meter	796F	M-14427013	-	-			Good
5		RF Signal Generator	MSG-2560B	84113131	-	-			Good
6		Mega Ohm Tester	3213	03479S	-	-			Good
7		Electronic Voltmeter with Prove	ML-69A	M15086	-	-			Good
8		VHF Signal Generator	MG-54E	M44584	-	-			Good
9		VHF Output Testing Equipment	MS-52B	M48883	-	-			Good
10		Directional Coupler	MA-52A	M94187	-	-			Good
11		VHF/UHF Dummy Load	TP-5J1D	22157	-	-			Good
12		Selec Level Meter/Gen.	AD-7530	534586	-	-			Good
13		UHF Signal Generator	MG-54D	M36491	-	-			Good
14		Psophometric Weighting Netw.	NJM-776B	ES11465	-	-			Good
15		Psophometric Weighting Netw.	NJM-776B	ES11466	-	-			Good
16		Portable Test Rack (1)	206		-	-			Good
17		DC Power Supply Unit	PAD-35-5L	1840885	-	-			Good
18		Motor Drive Wire Wrapper	EW-70		-	-			No Good
19		Tools (2)	ZPED00002		-	-			Good
20		Tools (1)	S-10		-	-			Good
21		Tools (1)	ND-XP217A-74		-	-			Good

INVENTORY

Site Name: Jakarta

JKT-065- (17 / 17)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
5		Others							
1		Dummy Load	DL-252F-20-A	93896	-	-			Good
2		AC Split (11)	SAP-C161B	-	-	-			Good
3		Air Conditioner 2PK (5)	Window	-	Panda	-			Good
4		Teleprinter with Stand (Receiver)	T-1000	BC/S280769	Siemens	1985	F-TA-193:PH1		Good
5		Teleprinter with Stand (Receiver)	T-1000	BC/S280773	Siemens	1985	F-TA-193:PH1		Good
6		Teleprinter with Stand (MSC)	T-1000	BC/S280771	Siemens	1985	F-TA-193:PH1		Good
7		Teleprinter with Stand (MSC)	T-1000	BC/S280774	Siemens	1985	F-TA-193:PH1		Good
8		TTY Connection Box x2	CQD-503B	-	Siemens	1985	F-TA-193:PH1		Good
9		TTY Connection Box x7	CQD-503B1	-	Siemens	1985	F-TA-193:PH1		Good
10		Telegraph Modem x6	FSM-86A	-	Siemens	1989	F-TA-193:PH2		Good
11		Telex (MSC)	MKN-8400	880145	Bakrie	1989	F-TA-193:PH2		Good
12		Master Clock	KM-6TH-IPS	2130	-	1985	F-TA-193:PH1		Good
13		Central Exchange x1	YKK-16	-	-	1985	F-TA-193:PH1		Good
14		Teleprinter	T-1000S	BC/V102550	Siemens	1987	F-TA-193:PH1		Good
15		Teleprinter	T-1000S	BC/W014574	Siemens	1997	F-TA-193:PH1		Good

STATUS OF TROUBLES

SITE NAME : JAKARTA

JKT-65-(1/1)

Item / Equipment	NBDP / -		
Manufacturer	JRC		
Manufacturer in year	1995		
Defective panel / unit	Telex Interface and Modem		
Details of Trouble Status	Cause doe to:	Urgency of Repair	
	<input type="checkbox"/> Aging		
	<input checked="" type="checkbox"/> Lightning		
	<input type="checkbox"/> Corrosion		
	<input checked="" type="checkbox"/> Lack of Spares		
<input type="checkbox"/> Others	Repairing to be:		
		<input checked="" type="checkbox"/> Immediacy	
		<input type="checkbox"/> By next year budget	
		<input type="checkbox"/> By next project	
		<input type="checkbox"/> Unnecessary	
<u>General Comment for Maintenance:</u>			
Telex's network PT. Telkom always trouble			

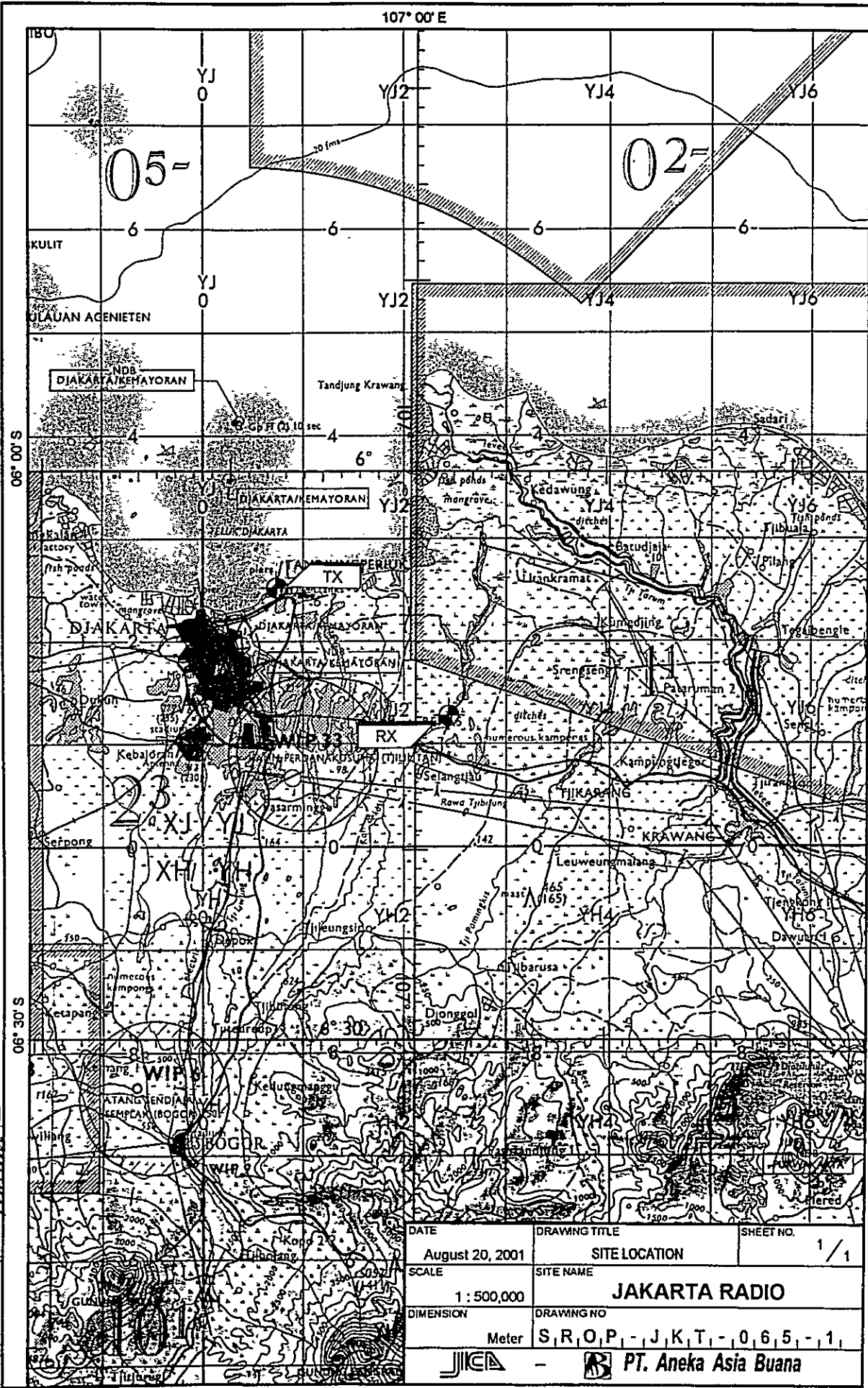
OPERATION SCHEDULE (FREQUENCIES)

Site Name: Jakarta Radio

JKT-065-(2/2)

Call Sign : Mobile Service : PKX
Fix Service :

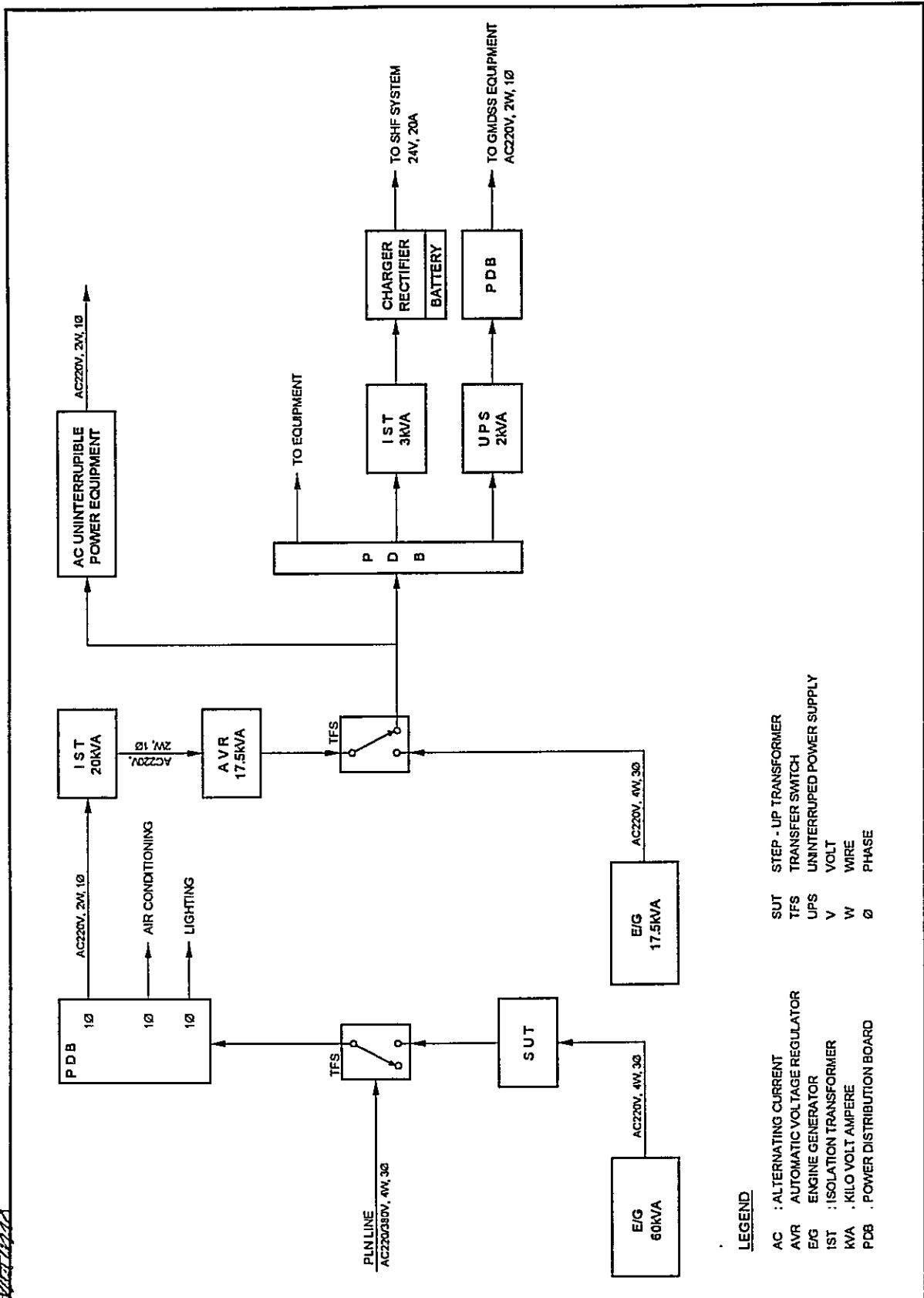
FREQUENCY (KHz)	EMISSION	POWER (W)	UTC																								REMARK
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
28	F1B	1000																									
29	F1B	1000																									
30	J3E	1000																									
31	J3E	1000																									
32	J3E	1000																									
33	J3E	1000																									
34	J3E	1000																									
35	J3E	1000																									
36	J3E	1000																									
37	J3E	1000																									
38	J3E	1000																									
39	J3E	1000																									
40	J3E	1000																									
41	J3E	1000																									
42	J3E	1000																									
43	J3E	1000																									
VHF Service																											
44	G2B	50																									
45	G3E	50																									
46	G3E	50																									
47	G3E	50																									
48	G3E	50																									
49	G3E	50																									
50	G3E	50																									
51	G3E	50																									
52																											
53																											



APPROVED BY JICA
 DRAWN BY ABB

DATE	DRAWING TITLE	SHEET NO.
August 20, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 500,000	JAKARTA RADIO	
DIMENSION	DRAWING NO	
Meter	S, R, O, P, - J, K, T, - 0, 6, 5, - 1,	

DRAWN BY AAB
 APPROVED BY JICA.



LEGEND

AC : ALTERNATING CURRENT
 AVR : AUTOMATIC VOLTAGE REGULATOR
 E/G : ENGINE GENERATOR
 I/S : ISOLATION TRANSFORMER
 kVA : KILO VOLT AMPERE
 PDB : POWER DISTRIBUTION BOARD
 SUT : STEP - UP TRANSFORMER
 TFS : TRANSFER SWITCH
 UPS : UNINTERRUPTED POWER SUPPLY
 V : VOLT
 W : WIRE
 Ø : PHASE

DATE June 27, 2001	DRAWING TITLE POWER BLOCK DIAGRAM FOR RX STATION	SHEET NO 1 / 1
SCALE No Scale	SITE NAME TANJUNG PRIOK	
DIMENSION Millimeter	DRAWING NO S, R, O, P, - J, K, T, - 0, 6, 5, - 6, R	
- PT. Aneka Asia Buana		

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

3rd Class Coast Station Panjang (Coast Station No. 66)

Table of Content

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

TRX Drawings:

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

Note :

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

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY OF COAST STATION	SITE	PANJANG		
	CLASS	3rd	NO.	66

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Jl. Jawa No. 9, Pel. Panjang	31139		105° 19' 03" E	05° 28' 23" S

2. GENERAL CONDITIONS					
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population
By Air	to Panjang [Taking time: 0:50 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	60,000
By Car	to Location [Taking time: 2:30 hr.]	<input checked="" type="checkbox"/> Paved	<input checked="" type="checkbox"/> Medium	<input type="checkbox"/> Motel	
By Car	to Location [Taking time: 8:00 hr.]	<input type="checkbox"/> Unpaved road	<input type="checkbox"/> Light		
			<input type="checkbox"/> None		

3. CONDITIONS OF STATION				Refer to attached drawing	
---------------------------------	--	--	--	---------------------------	--

3.1 Site Conditions					
Topography	Nature of Soil		Past disaster of site	Confirmation of existing system	
<input checked="" type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	<input type="checkbox"/> Flood	Yes	No
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input checked="" type="checkbox"/> Flood Tide	<input checked="" type="checkbox"/>	<input type="checkbox"/> Antenna
<input type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rocky	<input type="checkbox"/> Rain Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/> Towers (Masts)
<input type="checkbox"/> Basin	<input type="checkbox"/> Clay		<input type="checkbox"/> Ground Subsidence	<input checked="" type="checkbox"/>	<input type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input checked="" type="checkbox"/> Sandy			<input checked="" type="checkbox"/>	<input type="checkbox"/> Lightning system
Altitude	3.00 M		Telephone Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/> Feeder Cable Way
Land area	3,120 m ²		<input checked="" type="checkbox"/> 1 Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/> City water

3.2 Building Conditions			3.3 Power Source		
Constructions		PLN Source	E/G	Existing Power Conditions	
Num. of story	One	Voltage	220 V	Good Bad	
Structure	Vinyl	Phase	1	<input checked="" type="checkbox"/>	<input type="checkbox"/> Power Supply System
Type of roof	Roof Tile	Wire	2	<input checked="" type="checkbox"/>	<input type="checkbox"/> Operations of E/G
Type of ceiling	Triplex	kVA	6.6	<input type="checkbox"/>	<input checked="" type="checkbox"/> Operations of AVR
Type of wall	Brick	Quality of PLN source		Capacity of fuel for engine	
Wall finish	Mortar	Fluctuations	V ± %	Day tank	100 Liter
Flooring	Vinyl	Availability of power per day	24 Hours	Main tank	1 k Liter
Room Area (m²)		Power interruption /month	2 Times	E/G Stand-by System	
Operation room	57.00	Total interpt. hours /month	4 Hours	<input checked="" type="checkbox"/>	<input type="checkbox"/> Single System
E / G room	35.00	Max. interpt. hours at once	48 Hours	<input type="checkbox"/>	<input type="checkbox"/> Dual System
Remark					

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS				
Actions taken in equipment failure								
Restoration flow	Sent the technician from District Navigation Tg. Priok			Chief	TX/RX	1		
Examples of major failure				Operator (skilled)	8 (2)	(0)		
Sufficiency of spares				Technician (skilled)	1 (1)	(0)		
Records of damages				Environmental Conditions				
<input type="checkbox"/> Heavy rainfall				Good	Bad			
<input type="checkbox"/> Storm				<input checked="" type="checkbox"/>	<input type="checkbox"/>	External noises		
<input type="checkbox"/> Lightning				<input checked="" type="checkbox"/>	<input type="checkbox"/>	Air pollution		
<input type="checkbox"/> Other calamity								
Institutional and Human Statuses				Training Record				
1 Budget	<input type="checkbox"/> Sufficient	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Insufficient	Course	Class	Location	Period	Trainee
2 Spares	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
3 Measuring eqpt./tools	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
4 Number of Operator	<input type="checkbox"/> Enough	<input checked="" type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
5 Number of Technician	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
6 Capability of Operator	<input type="checkbox"/> Skilled	<input checked="" type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					

SUMMARY OF COAST STATION	SITE	PANJANG		
	CLASS	3rd	NO.	66

7 Capability of Technician Skilled Not so bad Not capable

6. STATISTICAL COMMUNICATION TRAFFIC DATA

Maritime Safety					Public Telecommunication Service							
Years	TG	TEL	DSC	NBDP	Years	Telephone		TG Call	Years	Telephone		TG Call
						Call	Minute			Call	Minute	
1996			1		1991			201	1996			270
1997	2		1		1992			200	1997			239
1998					1993			210	1998			263
1999					1994			257	1999			216
2000					1995			250	2000			210

7. COMMENTS

Suggestion	
Remarks	

INVENTORY

Site Name: Panjang

PJG-066- (1/7)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		MF/HF System							No Good
1		MF/ HF Transmitter	NAF-571	571	JRC	1982			No Good
2		MF Transmitter	NFG-551		JRC	1982			Good
3		Transmitter Receiver	NSC-17		JRC	1982			Good
4		100W SSB Radio Telephone	JSB-50	BS-12227	JRC	1972			Good
5		100W SSB Radio Telephone	JSB-50	BS-02730	INTI	1979			No Good
6		100W SSB Radio Telephone	JSB-161	BS-24886	JRC	1989			Good
7		Transceiver	NS-11A	5320044	Furuno	1988			No Good
8		Radio Console	JSS-270	BP-21457	JRC	1982			Good
1-2		MF/HF Operation Console							
1-2-1		MF Console	RH-002	001	Sailor	1996	F-TA-193; PH3		Good
1-2-2		MF Transmitter							
1		400W MF Transmitter	TI127L	504087	Sailor	1996	F-TA-193; PH3		Good
2		400W MF Transmitter	TI127L	504088	Sailor	1996	F-TA-193; PH3		Good
3		Exciter	S 1301L	504959	Sailor	1996	F-TA-193; PH3		Good
4		Exciter	S 1301L	504097	Sailor	1996	F-TA-193; PH3		Good
5		Tuner	HI201	504079	Sailor	1996	F-TA-193; PH3		Good
6		Tuner	HI201	504117	Sailor	1996	F-TA-193; PH3		Good
7		Power Supply	N1401	504108	Sailor	1996	F-TA-193; PH3		Good
8		Power Supply	N1401	504110	Sailor	1996	F-TA-193; PH3		Good
1-3		MF/HF Console							
1-3-1		MF / HF Console	RH-16-3	001	Sailor	1996	F-TA-193; PH3		Good
1-3-2		MF / HF Equipment							
1		600W MF/HF Transmitter	T2131	509900	Sailor	1996	F-TA-193; PH3		Good
2		600W MF/HF Transmitter	T2131	497112	Sailor	1996	F-TA-193; PH3		Good
3		AC Power Supply	N2171	509930	Sailor	1996	F-TA-193; PH3		Good
4		AC Power Supply	N2171	507817	Sailor	1996	F-TA-193; PH3		Good
5		Antenna Coupler	AT 2112	510024	Sailor	1996	F-TA-193; PH3		No Good
6		Antenna Coupler	AT 2112	509860	Sailor	1996	F-TA-193; PH3		Good
7		CW Unit	H2185	508479	Sailor	1996	F-TA-193; P113		Good

Tanjung Priok

INVENTORY

Site Name: Panjang

PJG-066- (2 / 7)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
8		CW Unit	H2185	506851	Sailor	1996	F-TA-193: PH3		Good
1-3-3		All Wave Receiver							
1		Control Unit	RE2100	511686	Sailor	1996	F-TA-193: PH3		Good
2		Control Unit	RE2100	511680	Sailor	1996	F-TA-193: PH3		Good
3		Duplex Receiver	R2120T	510718	Sailor	1996	F-TA-193: PH3		Good
4		Duplex Receiver	R2120T	492628	Sailor	1996	F-TA-193: PH3		Good
5		Loudspeaker	H2054	2	Sailor	1996	F-TA-193: PH3		Good
1-3-4		Spot Receiver							
1		MF/HF DSC W/K RX	RM2150	511368	Sailor	1996	F-TA-193: PH3		Good
2		Power Supply	N2165	510638	Sailor	1996	F-TA-193: PH3		Good
1-3-5		Terminal Unit (DSC VHF/HF)							
1		DSC System	TT-6200A	1	Sailor	1996	F-TA-193: PH3		Good
2		LAN	TT - 101064	1	Sailor	1996	F-TA-193: PH3		Good
3		LAN I/O	TT - 101065	1	Sailor	1996	F-TA-193: PH3		Good
4		CPU	TT - 101051	1	Sailor	1996	F-TA-193: PH3		Good
5		CPU I/O	TT - 10123	1	Sailor	1996	F-TA-193: PH3		Good
6		PARALEL	TT - 101190	1	Sailor	1996	F-TA-193: PH3		Good
7		PARALEL I/O	TT - 101217	1	Sailor	1996	F-TA-193: PH3		Good
8		VHF MODEM	TT - 102239	1	Sailor	1996	F-TA-193: PH3		Good
9		HF MODEM	TT - 102237	1	Sailor	1996	F-TA-193: PH3		Good
10		MODEM I/O	TT - 102238	2	Sailor	1996	F-TA-193: PH3		Good
11		ALARM I/O	TT - 101242	1	Sailor	1996	F-TA-193: PH3		Good
12		POWER SUPPLY	TT - 101122	1	Sailor	1996	F-TA-193: PH3		Good
13		POWER INPUT	TT - 101241	1	Sailor	1996	F-TA-193: PH3		Good
1-3-6		DSC Operation Position Terminal / PC	TTT-3634A						
		Compaq Proline 466		LCA50702633	Sailor	1996	F-TA-193: PH3		Good
		Compaq Monitor 140		514AF058A	Sailor	1996	F-TA-193: PH3		Good
		Printer (H-1252A)		59AP3175498K	Sailor	1996	F-TA-193: PH3		Good
		Monitor Display	TT-1608C	1	Sailor	1996	F-TA-193: PH3		Good
		DSC Alarm	TT-3602B	1	Sailor	1996	F-TA-193: PH3		Good
		Signal Control Panel	TT-1542B		Sailor	1996	F-TA-193: PH3		Good
1-3-7		Audio/Digital Matrix	MTX-1616	126	Sailor	1996	F-TA-193: PH3		Good
		Keyer	KK-1	353	Sailor	1996	F-TA-193: PH3		Good
		Loudspeaker	H2054	2	Sailor	1996	F-TA-193: PH3		Good

Tanjung Priok

INVENTORY

Site Name: Panjang

PJG-066- (3/7)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1-3-8		Telephone Repeater (Phone Patch)	RTU - 282	157	Sailor	1996	F-TA-193: PH3		Good
1-3-9		Radio/Tel I/F Unit	TT-1585E	1	Sailor	1996	F-TA-193: PH3		Good
		ARQ Equipment	TT-1601 A	1	Sailor	1996	F-TA-193: PH3		Good
		Radiotelex Modem	TT1680C	59AP3175502H	Sailor	1996	F-TA-193: PH3		Good
		ARQ Key Board	TT-1542B	1	Sailor	1996	F-TA-193: PH3		Good
		Printer (H1252A)							
		Telex Alarm							
1-4		VHF System							
1-4-1		Operation Console	RH-16-1	001	Sailor	1996	F-TA-193: PH3		Good
1-4-2		Multichannel VHF Transceiver							
1		50W VHF Transceiver	RT 2048	510940	Sailor	1996	F-TA-193: PH3		Good
2		50W VHF Transceiver	RT 2048	510957	Sailor	1996	F-TA-193: PH3		Good
3		50W VHF Transceiver	RT 2048	510948	Sailor	1996	F-TA-193: PH3		Good
4		50W VHF Transceiver	RT 2048	510958	Sailor	1996	F-TA-193: PH3		Good
5		RF Linear Power Amplifier	A2080BE-H	238	Sailor	1996	F-TA-193: PH3		Good
6		RF Linear Power Amplifier	A2080BE-H	262	Sailor	1996	F-TA-193: PH3		Good
7		RF Linear Power Amplifier	A2080BE-H	292	Sailor	1996	F-TA-193: PH3		Good
8		RF Linear Power Amplifier	A2080BE-H	561	Sailor	1996	F-TA-193: PH3		Good
9		Duplex Filter		237205	Sailor	1996	F-TA-193: PH3		Good
10		Duplex Filter		237192	Sailor	1996	F-TA-193: PH3		Good
11		CH-70 VHF T/R							
12		VHF T/R	RT2048	510956	Sailor	1996	F-TA-193: PH3		Good
13		High Low I/F Unit (Relay Box)		2	Sailor	1996	F-TA-193: PH3		Good
14		RF Power Amplifier	A2080BE-H	250	Sailor	1996	F-TA-193: PH3		Good
15		AC Power Supply	N163S	N16304	Sailor	1996	F-TA-193: PH3		Good
16		DC Power Supply	N420	N42004	Sailor	1996	F-TA-193: PH3		Good
17		AC Power Supply	PSF-1	TWQ/11317/05	Sailor	1996	F-TA-193: PH3		Good
1-4-3		Terminal Equipment (DSC VHF / HF)							
		Audio/Digital Matrix	MTX-1616	122	Sailor	1996	F-TA-193: PH3		Good
1-4-4		Telephone Repeater							
		Radio/Tel I/F Unit	RTU-280	136	Sailor	1996	F-TA-193: PH3		Good
1-4-5		VHF Transceiver							
1		VHF Radio Telephone	FM-400H	247624	Fununo	1988			Good

Tanjung Priok

INVENTORY

Site Name: Panjang

PJG-066- (4 / 7)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
2		VHF Radio Telephone	JHV-227YA	BH-16884	JRC	1989			Good
2		Tower & Antenna System							
2-1		Tower & Mast	AT-30SS		Sailor	1996	F-TA-193: PH3		Good
1		30mH Self Supporting				1976			Good
2		15mH Panzer Guy Mast (29)				1976			Good
3		18mH Pole Guy Mast (2)				1996	F-TA-193: PH3		Good
4		Lightning Protector (1)			Sailor	1996	F-TA-193: PH3		Good
5		Grounding (1)			Sailor	1996			Good
2-2		Antenna System							
1		2 W Antenna (1)	T			1976			Good
2		SD Antenna (1)	I/L			1976			Good
3		Antenna (1)	HF 7			1976			Good
4		Inverted L Antenna (2)	E-22		Sailor	1996	F-TA-193: PH3		Good
5		D/D Antenna (1)	VHF 3		Sailor	1996	F-TA-193: PH3		Good
6		VHF Antenna (3)			Sailor	1996			Good
2-3		Antenna Switch							
1		Antenna Changer							
		Antenna Selector							
1		Automatic Antenna Tuner	AT-120		ICOM				Good
2		Antenna Tuner	CNW-420		Daiwa				Good
3		Antenna Distributor	AAD10/1/A-JI-6	001002	Sailor	1996	F-TA-193: PH3		Good
2-4		Antenna Matching Unit							
1		Antenna Balun Matcher	MN-100		ICOM				Good
3		Power Supply Equipment							
3-1		Power Distribution Board							
1		PDB				1996	F-TA-193: PH3		Good
2		Distribution Board	NCB-432A	BP-10225	Local	1972			Good
3-2		Isolation Transformer							
1		7,5 KVA, 3Ph, 4W	IST-10P3	9507	Sailor	1996	F-TA-193: PH3		No Good
3-3		Step-Up Transformer							
1		Step up Trans 9,9KVA, 3Ph, 4W	STU-10P3	9507	Sailor	1996	F-TA-193: PH3		Good

INVENTORY

Site Name: Panjang

PJG-066- (6 / 7)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
12		Insulation Tester	2406A	65WA1268	Sailor	1996	F-TA-193: PH3		Good
13		Line Plobe (1)		1	Sailor	1996	F-TA-193: PH3		Good
14		Eard Plobe (1)		1	Sailor	1996	F-TA-193: PH3		Good
16		Carrying Case (1)		1	Sailor	1996	F-TA-193: PH3		Good
17		Instruction (1)		1	Sailor	1996	F-TA-193: PH3		Good
18		RF Coaxial Load Resistor	8201	17022	Sailor	1996	F-TA-193: PH3		Good
19		RF Coaxial Load Resistor	8201	17023	Sailor	1996	F-TA-193: PH3		Good
20		Connection Cable (2)			Sailor	1996	F-TA-193: PH3		Good
5		Others							
1		Typewriter (1)			KDK				Good
2		Fan							Good
3		Air Conditioner							No Good
4		Telephone Set with Call Timer (2)				1996	F-TA-193: PH3		Good
5		Headset (2)	DM-811		Sailor	1996	F-TA-193: PH3		Good
6		Hand set (6)			Sailor	1996	F-TA-193: PH3		Good
7		Desk Microphone (29)				1996	F-TA-193: PH3		Good
8		Morse Key (1)	DM-6500		Danmike	1996	F-TA-193: PH3		Good
9		Quartz Clock (1)			Sailor	1996	F-TA-193: PH3		Good
10		Service Enginner Kit (1)			Hanseatic	1996	F-TA-193: PH3		Good
11		Mouse (1)			Sailor	1996	F-TA-193: PH3		Good
12		Tele type writer			Sailor	1996	F-TA-193: PH3		Good
13		Chair (1)			Siemens	1982	F-TA-193: PH3		Good
14		Service Engineers kit			Sailor	1996	F-TA-193: PH3		Good
15		Loudspeaker (4)	RS-541-365		Sailor	1996	F-TA-193: PH3		Good
16		Alarm (1)	T-1542B		Sailor	1996	F-TA-193: PH3		Good
17		Power Supply	N2165	511769	Sailor	1996	F-TA-193: PH3		Good
18		RF Power Amplifier	Decibel A2080B	565	Sailor	1996	F-TA-193: PH3		Good
19		MF/HF Transmitter (1)	T2131		Sailor	1996	F-TA-193: PH3		Good
20		CW Unit (1)	H2185		Sailor	1996	F-TA-193: PH3		Good
21		Power Supply (1)	N2171		Sailor	1996	F-TA-193: PH3		Good
22		MF Transmitter (1)	T1127L		Sailor	1996	F-TA-193: PH3		Good
23		Power Supply (1)	N1401		Sailor	1996	F-TA-193: PH3		Good

INVENTORY

Site Name: Panjang

PJG-066- (7 / 7)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
24		Exciter (1)	S1301L		Sailor	1996	F-TA-193: PH3		Good
25		Rx Control Unit (1)	RE2100		Sailor	1996	F-TA-193: PH3		Good
26		Duplex Rx (1)	R2120T		Sailor	1996	F-TA-193: PH3		Good
27		MF/HF DSC W/K RX (1)	RM2150		Sailor	1996	F-TA-193: PH3		Good
28		VHF Transceiver (1)	RT2048		Sailor	1996	F-TA-193: PH3		Good
29		DSC System (1)	TT-6200A		Sailor	1996	F-TA-193: PH3		Good

OPERATION SCHEDULE (FREQUENCIES)

Site Name: Panjang

PJG-066-(1/2)

Call Sign : Mobile Service : PKC 4
Fix Service : 8AB2

FREQUENCY (KHz)	EMISSION	POWER (W)	UTC																								REMARK
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Mobile Service																											
1	430,0	50																									
2	500,0	50																									
3	6 355,0	50																									
4	2 174,5	500																									
5	2 177,0	500																									
6	2 187,5	500																									
7	6 324,0	500																									
8	6 331,0	500																									
9	8 425,0	500																									
10	2.182,0	500																									
11	2 690,0	100																									
12	6 215,0	100																									
13	6 504,0	100																									
14	8 291,0	100																									
15	8 806,0	100																									
VHF Service																											
16	156 525M	50																									
17	156.800M	50																									
18	156 500M	50																									
19	156 750M	50																									
20	161 600M	50																									
21	161 700M	50																									

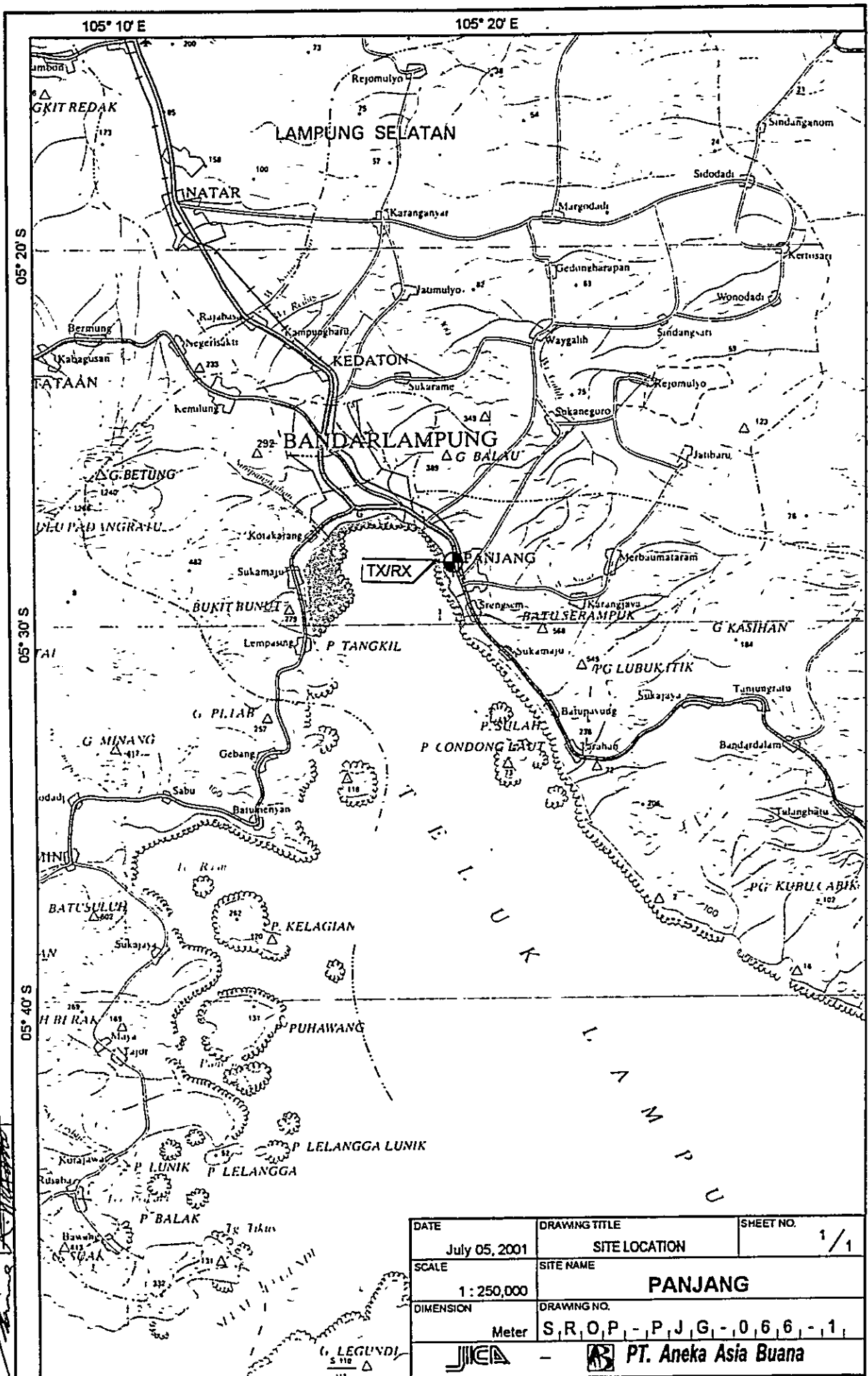
OPERATION SCHEDULE (FREQUENCIES)

Site Name: Panjang

PJG-066-(2/2)

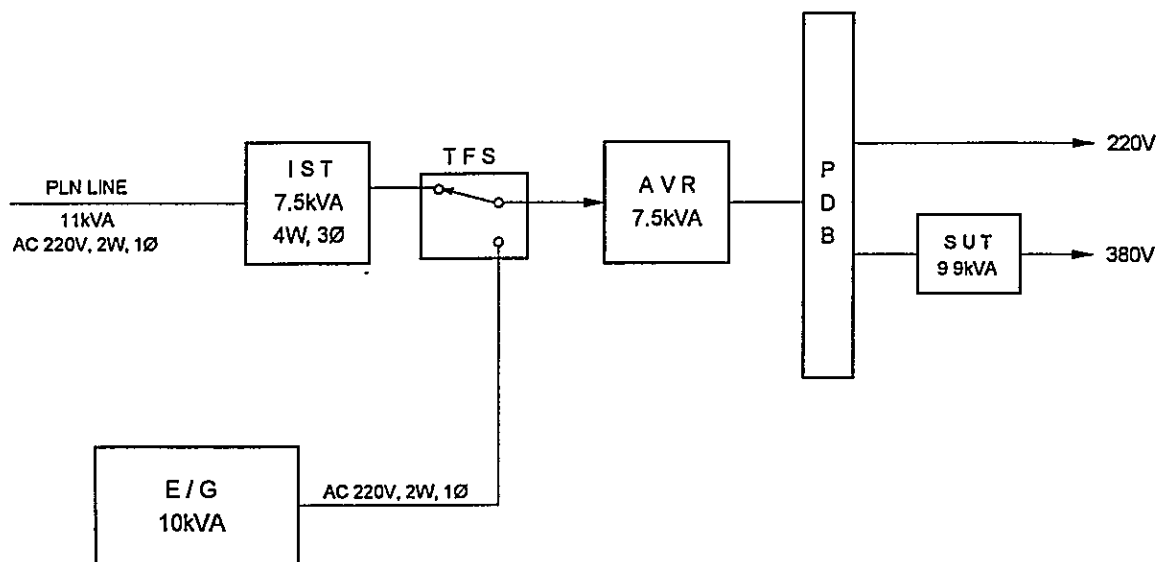
Call Sign : Mobile Service : PKC.4
Fix Service : 8AB2

FREQUENCY (kHz)	EMISSION	POWER (W)	UTC																								REMARK		
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
Fix Service																													
22	4.446,5	J3E	500																										
23	5.381,5	J3E	500																										
24	8.110,0	J3E	500																										
25																													





DRAWN BY AIB
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DATE	DRAWING TITLE	SHEET NO.
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 250,000	PANJANG	
DIMENSION	DRAWING NO.	
Meter	S R O P - P J G - 0 6 6 - 1	
- PT. Aneka Asia Buana		



LEGEND

AC	ALTERNATING CURRENT	TFS	TRANSFER SWITCH
AVR	AUTOMATIC VOLTAGE REGULATOR	TRX	TRANSCEIVER (ING)
E/G	ENGINE GENERATOR	V	VOLT
HF	HIGH FREQUENCY	W	WIRE
IST	ISOLATION TRANSFORMER	Ø	PHASE
kVA	KILO VOLT AMPERE		
SUT	STEP UP TRANSFORMER		

DATE	DRAWING TITLE	SHEET NO
July 30, 2001	POWER BLOCK DIAGRAM	1 / 1
SCALE	SITE NAME	
No Scale	PANJANG	
DIMENSION	DRAWING NO	
Milimeter	S, R, O, P, -, P, J, G, -, 0, 6, 6, -, 6,	
 -  PT. Aneka Asia Buana		

DRAWN BY AAR

APPROVED BY JICA

[Signature]

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

**3rd Class Coast Station
Cirebon
(Coast Station No. 67)**

Table of Content

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

TRX Drawings:

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

Note :

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

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY OF COAST STATION	SITE	CIREBON		
	CLASS	3rd	NO.	67

1. LOCATION

Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Jl. Ambon No. 7A, Pelabuhan	0231-247653		108° 34' 20" E	06° 43' 00" S

2. GENERAL CONDITIONS

Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
By Car to Cirebon [Taking time 4.00 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	
	<input checked="" type="checkbox"/> Paved	<input checked="" type="checkbox"/> Medium	<input type="checkbox"/> Motel	
	<input type="checkbox"/> Unpaved road	<input type="checkbox"/> Light		
		<input type="checkbox"/> None		

3. CONDITIONS OF STATION Refer to attached drawing

3.1 Site Conditions

Topography	Nature of Soil		Past disaster of site	Confirmation of existing system	
<input checked="" type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	<input type="checkbox"/> Flood	Yes	No
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input type="checkbox"/> Flood Tide	<input checked="" type="checkbox"/>	<input type="checkbox"/> Antenna
<input type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rocky	<input type="checkbox"/> Rain Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/> Towers (Masts)
<input type="checkbox"/> Basin	<input type="checkbox"/> Clay		<input type="checkbox"/> Ground Subsidence	<input checked="" type="checkbox"/>	<input type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input checked="" type="checkbox"/> Sandy			<input checked="" type="checkbox"/>	<input type="checkbox"/> Lightning system
Altitude	44 60 M		Telephone Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/> Feeder Cable Way
Land area	1,845 m ²		<input checked="" type="checkbox"/> 1 Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/> City water

3.2 Building Conditions	3.3 Power Source			
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Constructions		PLN Source	E/G	Existing Power Conditions		
Num. of story	One	Voltage	220 V	220 V	Good Bad	
Structure	Concrete	Phase	1	1	<input checked="" type="checkbox"/> <input type="checkbox"/> Power Supply System	
Type of roof	Roof Tile	Wire	2	2	<input checked="" type="checkbox"/> <input type="checkbox"/> Operations of E/G	
Type of ceiling	Asbestos	kVA	6,6	5	<input checked="" type="checkbox"/> <input type="checkbox"/> Operations of AVR	
Type of wall	Brick	Quality of PLN source		Capacity of fuel for engine		
Wall finish	Mortar	Fluctuations	V ± %		Day tank	Liter
Flooring	Tile	Availability of power per day	24 Hours	Main tank	k Liter	
Room Area (m ²)		Power interruption /month	Times	E/G Stand-by System		
Operation room	30.00	Total interpt. hours /month	Hours	<input type="checkbox"/> Single System		
E / G room	20.00	Max. interpt. hours at once	Hours	<input checked="" type="checkbox"/> Dual System		

Remark

4. OPERATION AND MAINTENANCE	5. PERSONNEL FORMATIONS
------------------------------	-------------------------

Actions taken in equipment failure		TX/RX	
Restoration flow	Send to Disnav Tanjung Priok	Chief	1
Examples of major failure	Power Supply	Operator (skilled)	11 (4) ()
Sufficiency of spares	Fuse	Technician (skilled)	2 (1) ()

Records of damages	Environmental Conditions		Administrator	1
<input type="checkbox"/> Heavy rainfall	Good	Bad		
<input type="checkbox"/> Storm	<input checked="" type="checkbox"/>	<input type="checkbox"/> External noises	Total	15
<input checked="" type="checkbox"/> Lightning	Transceiver	<input checked="" type="checkbox"/>		
<input type="checkbox"/> Other calamity				

Institutional and Human Statuses				Training Record				
1 Budget	<input type="checkbox"/> Sufficient	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Insufficient	Course	Class	Location	Period	Trainee
2 Spares	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
3 Measuring eqpt./tools	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
4 Number of Operator	<input checked="" type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
5 Number of Technician	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
6 Capability of Operator	<input type="checkbox"/> Skilled	<input checked="" type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					
7 Capability of Technician	<input type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					

SUMMARY OF COAST STATION	SITE	CIREBON		
	CLASS	3rd	NO.	67

6. STATISTICAL COMMUNICATION TRAFFIC DATA												
Maritime Safety					Public Telecommunication Service							
Years	TG	TEL	DSC	NBDP	Years	Telephone		TG Call	Years	Telephone		TG Call
						Call	Minute			Call	Minute	
1996					1991				1996			
1997					1992				1997	600	621	275
1998					1993				1998	600	628	398
1999					1994				1999	600	467	342
2000					1995				2000	600	366	201

7. COMMENTS	
Suggestion	500 kHz, Standby - Seldom answer. 6,491 kHz, Standby - seldom answer
Remarks	

INVENTORY

Site Name: Cirebon

CRB-067- (1 / 2)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		Transmitter	NSD-1085	5635	JRC	1968			Not So Good
1		Transmitter	3XYZ	100T	Local	1981			Not So Good
2		Transmitter	SI301L	279209	Sailor	1984			Damaged
3		Transceiver	ICM-700	01259	ICOM	1988			Not So Good
4		Transceiver	NTD-177	T-12228	JRC	1972			In Storage
5		Transceiver	NTD-177	T-12229	JRC	1972			In Storage
6		Transceiver	NS-11A	5320037	Furuno	1978			No Good
7		MF/HF Transceiver	M-710	02866	ICOM	1998			Good
8		Receiver	NMC-1030K	2195	JRC	1965			In Storage
1-2		Receiver	FRG-7700	2F-160592	Yaesu	1983			Not So Good
1		Receiver	R-1120	255937	Sailor	1984			Damaged
2		Receiver	NRD10	B62008	JRC	1967			Good
3		Receiver							
4		Receiver							
1-3		VHF System							
1		VHF Transceiver	JHF-207PS	CB-56508	JRC	1973			Damaged
2		VHF Transceiver	JHF-207PR	CB-56508	JRC	1973			Damaged
3		VHF Transceiver	DR-150E	T-00550	Alinco	1995			Remove
4		VHF Transceiver	IC-2000	62930	ICOM	1998			Remove
5		VHF Transceiver	IC-2000	62366	ICOM	1998			Good
2		Tower & Antenna System							
2-1		Tower & Mast							
1		Antenna Tower (8)							
3		Power Supply Equipment							
3-1		Step-Up Transformer							
1		Variable Step-Up	70210	12515	Japan	1977			

Tanjung Priok

INVENTORY

Site Name: Cirebon

CRB-067- (2 / 2)

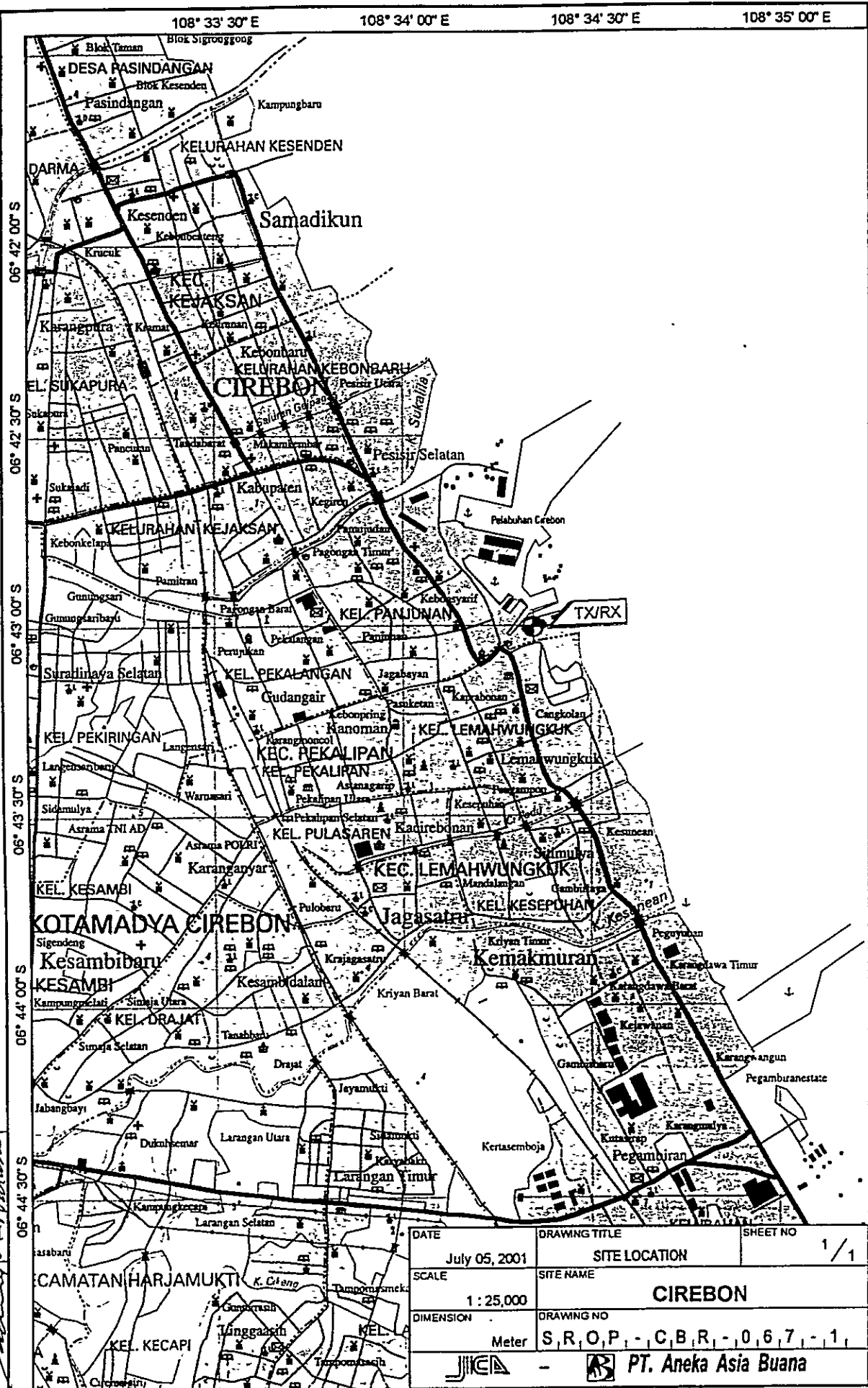
No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
3-2		UPS & AVR							
1		Voltage Regulator / Stavol	MA-1020	2101	Japan	1972			
2		Stabilizer	SVC-15KGX	M-009	Japan	1980			
3-3		Engine Generator							
1		Generator 5 kVA 220 V	FA-5	435082	Kubota	1975			
2		Generator 5 kVA 220 V	FA-5	435095	Kubota	1975			
4		Measuring Equipment							
1		AVO Meter	501-ZXTR	2050268	Sanwa	1983			
2		Frequency Meter	NJM-176C	21969	JRC	1977			

STATUS OF TROUBLES


SITE NAME : CIREBON

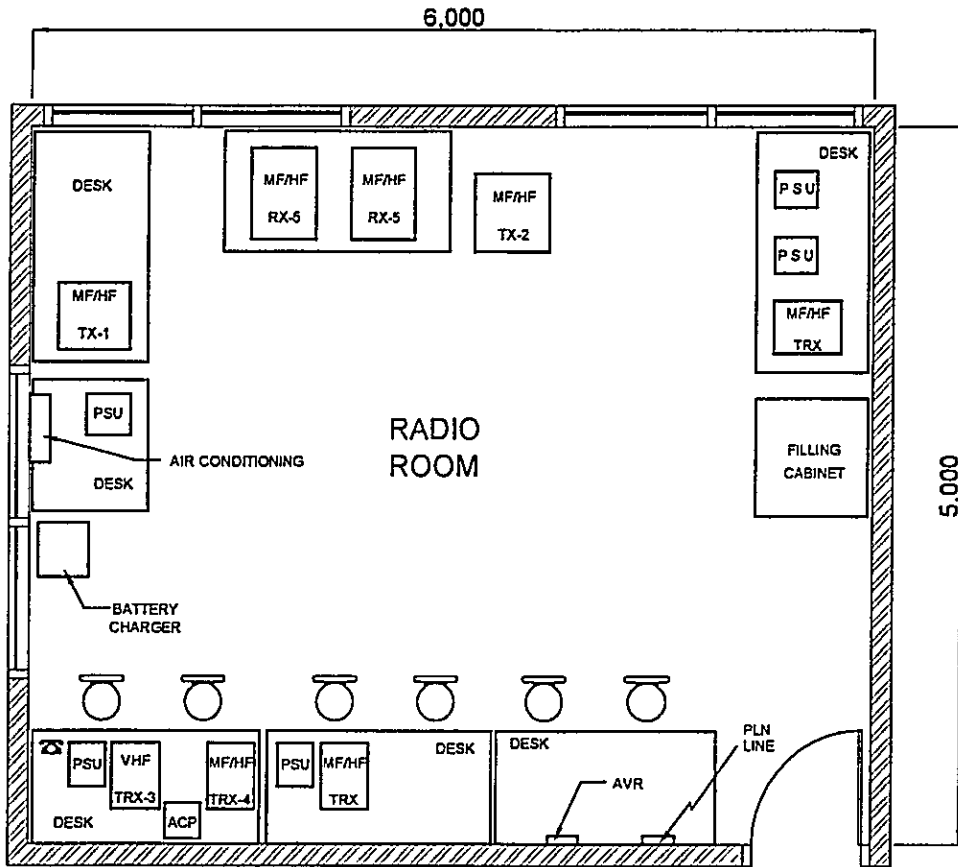
CRB-67-(1/1)

Item / Equipment	Transceiver / -		
Manufacturer	-		
Manufacturer in year	1984		
Defective panel / unit	Damaged		
Details of Trouble Status	Cause doe to:	Urgency of Repair	
	<input checked="" type="checkbox"/> Aging		Repairing to be: <input type="checkbox"/> Immediacy <input checked="" type="checkbox"/> By next year budget <input type="checkbox"/> By next project <input type="checkbox"/> Unnecessary
	<input checked="" type="checkbox"/> Lightning		
	<input type="checkbox"/> Corrosion		
	<input checked="" type="checkbox"/> Lack of Spares		
	<input type="checkbox"/> Others		
<u>General Comment for Maintenance:</u>			



DRAWN BY ABE
 APPROVED BY JICA

DATE July 05, 2001	DRAWING TITLE SITE LOCATION	SHEET NO 1/1
SCALE 1 : 25,000	SITE NAME CIREBON	
DIMENSION Meter	DRAWING NO S, R, O, P, - C, B, R, - 0, 6, 7, - 1,	
 PT. Aneka Asia Buana		

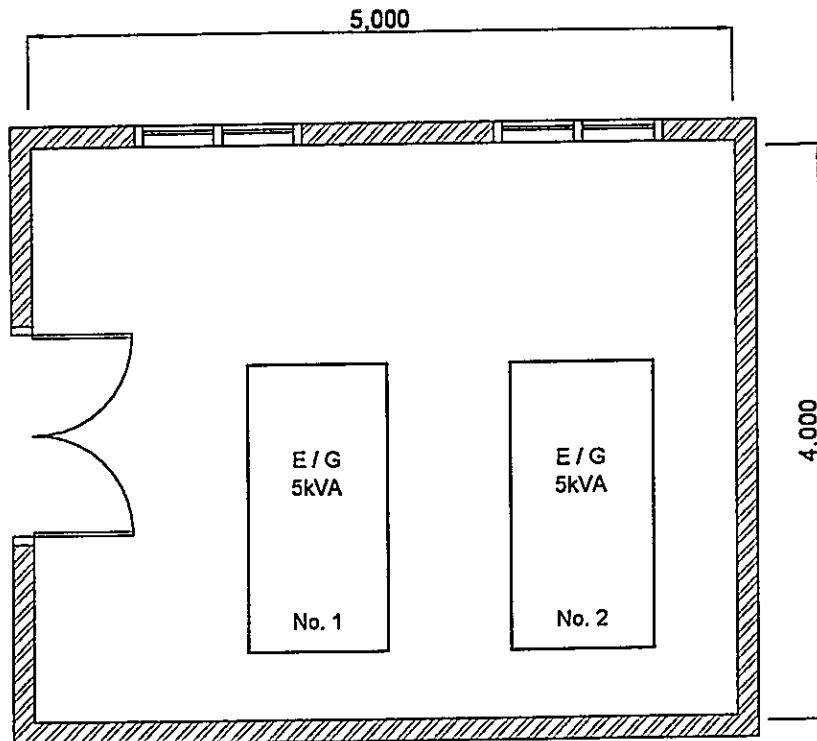
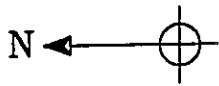


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 DRAWN BY ABB

LEGEND


- ACP ANTENNA COUPLER
- AVR AUTOMATIC VOLTAGE REGULATOR
- HF HIGH FREQUENCY
- MF MEDIUM FREQUENCY
- PSU POWER SUPPLY UNIT
- RX RECEIVER (ING)
- TX TRANSMITTER (ING)
- TRX TRANSCEIVER (ING)
- VHF VERY HIGH FREQUENCY



DATE	DRAWING TITLE	SHEET NO
Sept 10, 2001	EQUIPMENT FLOOR LAYOUT	1 / 1
SCALE	SITE NAME	
1 : 50	CIREBON	
DIMENSION	DRAWING NO.	
Milimeter	S, R, O, P, -, C, B, R, -, 0, 6, 7, -, 3,	
- PT. Aneka Asia Buana		

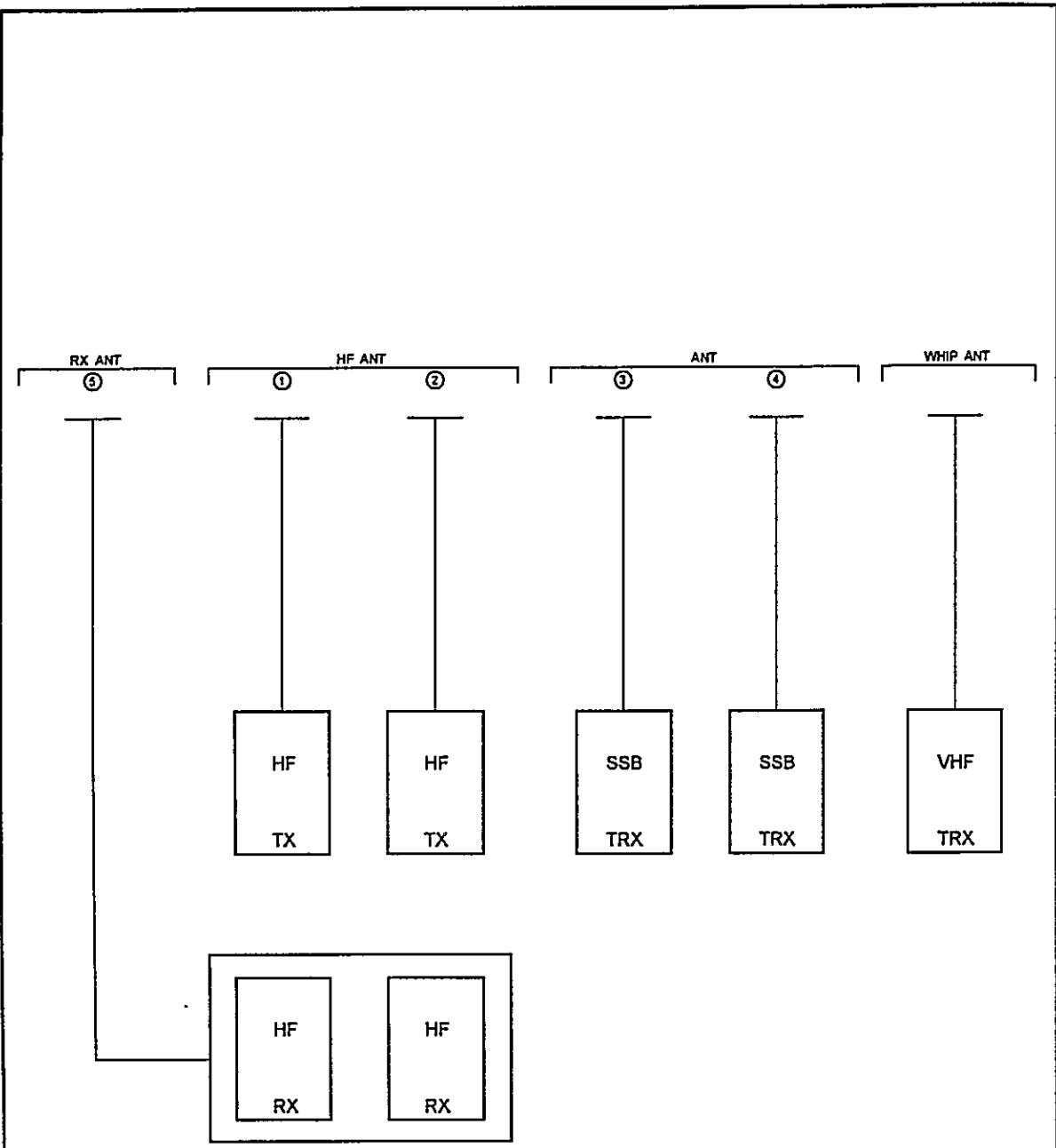


LEGEND

E/G : ENGINE GENERATOR
 KVA : KILO VOLT AMPERE



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DATE Sept 10, 2001	DRAWING TITLE E/G FLOOR LAYOUT	SHEET NO 1 / 1
SCALE 1 : 50	SITE NAME CIREBON	
DIMENSION Milimeter	DRAWING NO S, R, O, P, - C, B, R, - 0, 6, 7, - 4, 1	
 -  PT. Aneka Asia Buana		

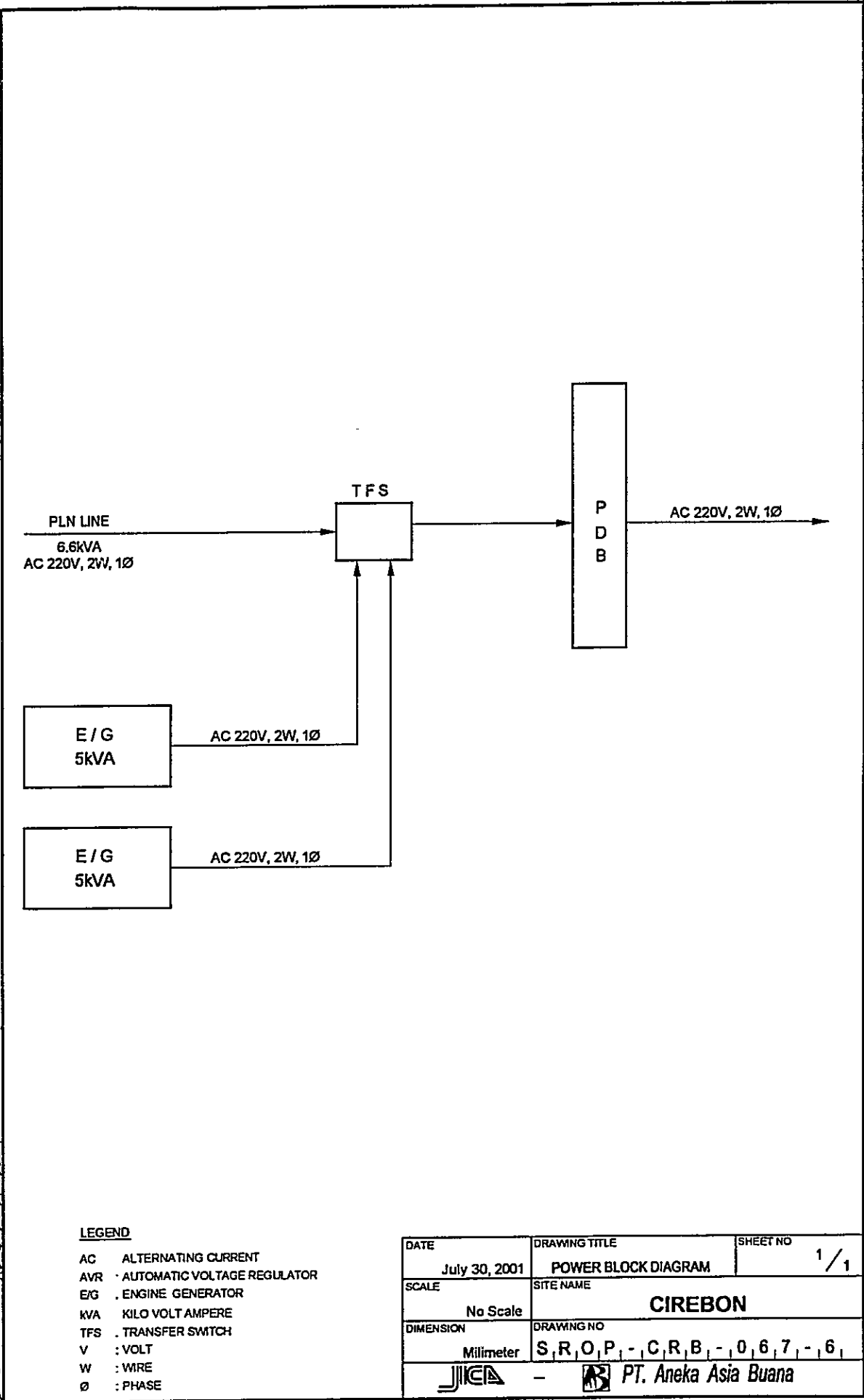


LEGEND

- ANT : ANTENNA
- HF : HIGH FREQUENCY
- RX : RECEIVER (ING)
- TX : TRANSMITTER (ING)
- TRX : TRANSCEIVER (ING)

DATE	DRAWING TITLE	SHEET NO.
June 28, 2001	SYSTEM BLOCK DIAGRAM	1 / 1
SCALE	SITE NAME	
No Scale	CIREBON	
DIMENSION	DRAWING NO	
Milimeter	S, R, O, P, -, C, R, B, -, 0, 6, 7, -, 5,	
 -  PT. Aneka Asia Buana		

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DRAWN BY AAB.
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LEGEND

- AC . ALTERNATING CURRENT
- AVR . AUTOMATIC VOLTAGE REGULATOR
- E/G . ENGINE GENERATOR
- kVA . KILO VOLT AMPERE
- TFS . TRANSFER SWITCH
- V : VOLT
- W : WIRE
- Ø : PHASE

DATE	DRAWING TITLE	SHEET NO
July 30, 2001	POWER BLOCK DIAGRAM	1 / 1
SCALE	SITE NAME	
No Scale	CIREBON	
DIMENSION	DRAWING NO	
Millimeter	S, R, O, P, - C, R, B, - 0, 6, 7, - 6, 1	
- PT. Aneka Asia Buana		

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

3rd Class Coast Station Pusat Pemberitaan (Coast Station No. 68)

Table of Content

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

TRX Drawings:

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

Note :

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

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY OF COAST STATION	SITE	PUSAT PEMBERITAAN		
	CLASS	3rd	NO.	68

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Jl. Medan Merdeka Timur No. 5	021-3849783	021-3458801	108° 49' 52" E	06° 10' 29" S

2. GENERAL CONDITIONS						
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population	
By Car	to Location	[Taking time: 0-10 hr.]	<input type="checkbox"/> Highway	<input checked="" type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	
			<input checked="" type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input type="checkbox"/> Motel	
			<input type="checkbox"/> Unpaved road	<input type="checkbox"/> Light		
				<input type="checkbox"/> None		

3. CONDITIONS OF STATION	Refer to attached drawing
--------------------------	---------------------------

3.1 Site Conditions						
Topography	Nature of Soil		Past disaster of site	Confirmation of existing system		
<input checked="" type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	<input type="checkbox"/> Flood	Yes	No	
<input type="checkbox"/> Slope	<input checked="" type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input type="checkbox"/> Flood Tide	<input checked="" type="checkbox"/> Antenna	<input type="checkbox"/>	
<input type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rocky	<input type="checkbox"/> Rain Leakage	<input type="checkbox"/> Towers (Masts)	<input checked="" type="checkbox"/>	
<input type="checkbox"/> Basin	<input type="checkbox"/> Clay		<input type="checkbox"/> Ground Subsidence	<input checked="" type="checkbox"/> Grounding system	<input type="checkbox"/>	
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy			<input checked="" type="checkbox"/> Lightning system	<input type="checkbox"/>	
Altitude	M		Telephone Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/> Feeder Cable Way	
Land area	m ²		<input checked="" type="checkbox"/> 4 Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/> City water	
3.2 Building Conditions			3.3 Power Source			
Constructions		PLN Source	E/G	Existing Power Conditions		
Num. of story	Two	Voltage	220 V	120 V	Good Bad	
Structure	Concrete	Phase	3	1	<input checked="" type="checkbox"/> <input type="checkbox"/> Power Supply System	
Type of roof	Asbestos	Wire	4	2	<input type="checkbox"/> <input type="checkbox"/> Operations of E/G	
Type of ceiling	Triplex	kVA	11	12.5	<input checked="" type="checkbox"/> <input type="checkbox"/> Operations of AVR	
Type of wall	Brick	Quality of PLN source		Capacity of fuel for engine		
Wall finish	Mortar	Fluctuations	220 V ± %		Day tank	5 Liter
Flooring	Tile	Availability of power per day	12 Hours	Main tank	k Liter	
Room Area (m ²)		Power interruption /month		E/G Stand-by System		
Operation room	44.82	Total interpt. hours /month	Times	<input checked="" type="checkbox"/> Single System		
E / G room		Max. interpt. hours at once	Hours	<input type="checkbox"/> Dual System		
Remark	E/G just for lightning only					

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS				
Actions taken in equipment failure								
Restoration flow	Repaired by himself or send to BTKP			Chief	TX/RX			
Examples of major failure	Strong disturbance Frequency on the Radio Link 7.5			Operator (skilled)	11 (8)	()		
Sufficiency of spares	Not sufficient			Technician (skilled)	4 (1)	()		
Records of damages		Environmental Conditions		Administrator				
<input type="checkbox"/> Heavy rainfall		Good	Bad					
<input type="checkbox"/> Storm		<input type="checkbox"/>	<input checked="" type="checkbox"/>	External noises	Total	16		
<input type="checkbox"/> Lightning		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Air pollution				
<input type="checkbox"/> Other calamity								
Institutional and Human Statuses				Training Record				
1 Budget	<input type="checkbox"/> Sufficient	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Insufficient	Course	Class	Location	Period	Trainee
2 Spares	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
3 Measuring eqpt./tools	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
4 Number of Operator	<input type="checkbox"/> Enough	<input checked="" type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
5 Number of Technician	<input type="checkbox"/> Enough	<input checked="" type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
6 Capability of Operator	<input type="checkbox"/> Skilled	<input checked="" type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					
7 Capability of Technician	<input type="checkbox"/> Skilled	<input checked="" type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					

SUMMARY OF COAST STATION	SITE	PUSAT PEMBERITAAN		
	CLASS	3rd	NO.	68

6. STATISTICAL COMMUNICATION TRAFFIC DATA												
Maritime Safety					Public Telecommunication Service							
Years	TG	TEL	DSC	NBDP	Years	Telephone		TG Call	Years	Telephone		TG Call
						Call	Minute			Call	Minute	
1996					1991				1996			
1997					1992				1997			
1998					1993				1998			
1999					1994				1999			
2000					1995				2000			

7. COMMENTS	
Suggestion	
Remarks	

INVENTORY

Site Name: Pusat Pemberitaan

PPB-06B- (1 / 1)

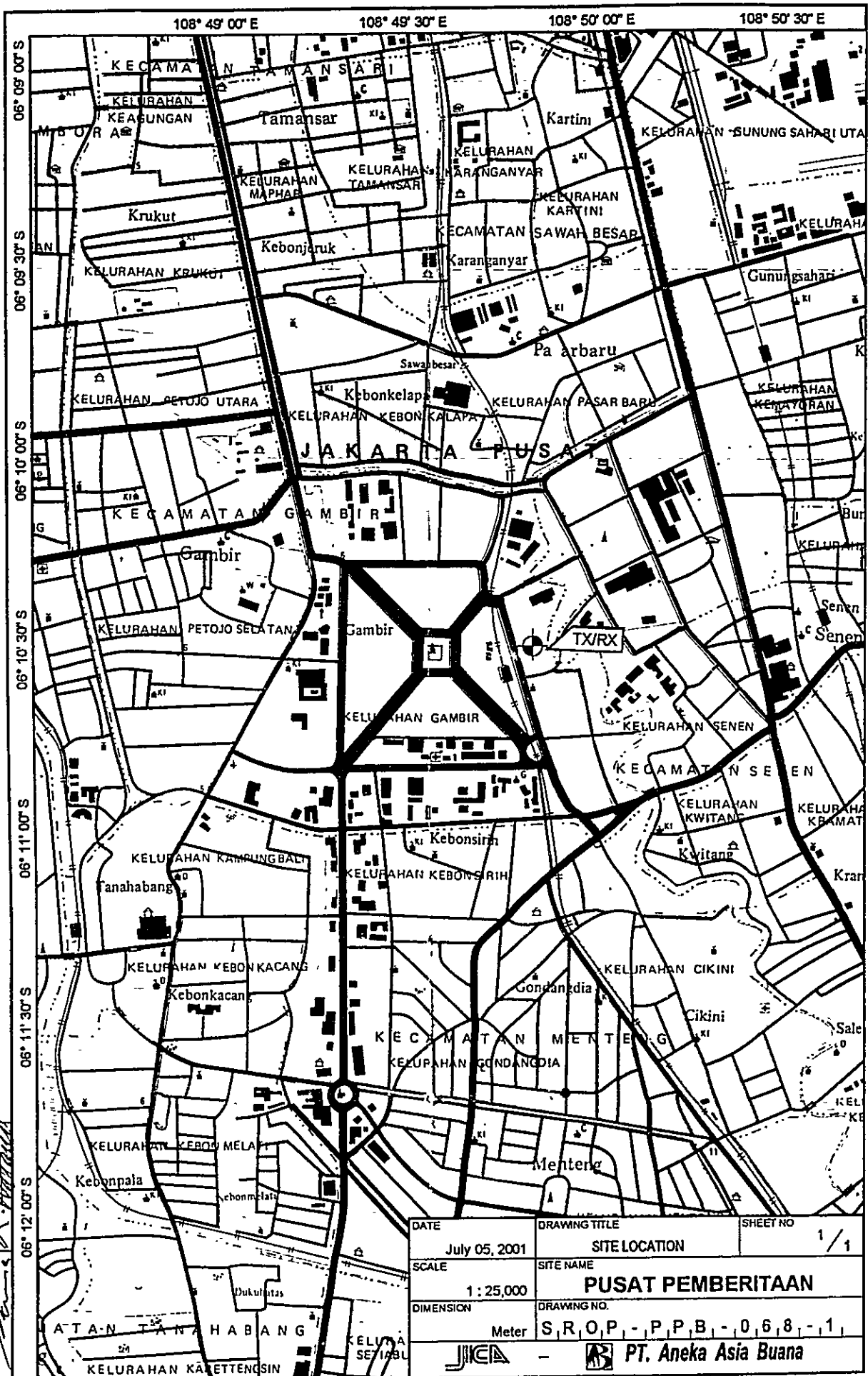
No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1	1	Operator Console/Desk/Rack Terminal Unit (DSC VHF/HF) - Voice Frequency Telegraph - TTY - Tele Printer - Tele Printer - Faximille Telephone Repeater - Multiplexer ARQ Equipment - Radio 7.5 GHz	JUT-1A T-1000 T-1200BS MKN-8400 Canon-350 JUR-30A JUI-30A JUK-236H	EQ 12839 Siemen Siemen JB51007 JB10119 ET13013	JRC JRC JRC JRC JRC	1985 1995 1995 1991		Repair Repair Repair Repair Repair Repair Repair Repair	Good Good Good Damaged Good Damaged Good Damaged
2		Power Supply Equipment							
2-1		Power Distribution Board AC PDB DC PDB Dehydrator MDF	DBP-L5B41 NQE-40A2	J-9151 EQ-12820	JRC JRC JRC JRC	1991 1985		Repair Repair	Good Damaged
2-2	1	Isolation Transformer 3 kVA	T1-220	1952	JRC	1989		Repair	Good
2-3	1	UPS & AVR Battery Charger 24V/20A	NBB-31-202	S6502	JRC	1989		Repair	Good
	2	AVR 2kVA	NBZ-335	BP80469	JRC	1971		Repair	Good

STATUS OF TROUBLES

SITE NAME : PUSAT PEMBERITAAN



PPB-68-(1/1)

Item / Equipment	VFT, MDF / 7.5 GHZ Radio Link		
Manufacturer	JRC		
Manufacturer in year	1985		
Defective panel / unit	7.5 GHz Radio Link (DPU) VFT (Modem), MDF (Cable)		
Details of Trouble Status	Cause doe to:	Urgency of Repair	
	<input type="checkbox"/> Aging	<input type="checkbox"/> Immediacy	
	<input type="checkbox"/> Lightning	<input type="checkbox"/> By next year budget	
	<input type="checkbox"/> Corrosion	<input type="checkbox"/> By next project	
	<input type="checkbox"/> Lack of Spares	<input type="checkbox"/> Unnecessary	
	<input type="checkbox"/> Others		
<u>General Comment for Maintenance:</u>			
- Spare parts not enough: Demultiplexer NDK-737; Rx out SW type NNE-204 - Telex line not enough			



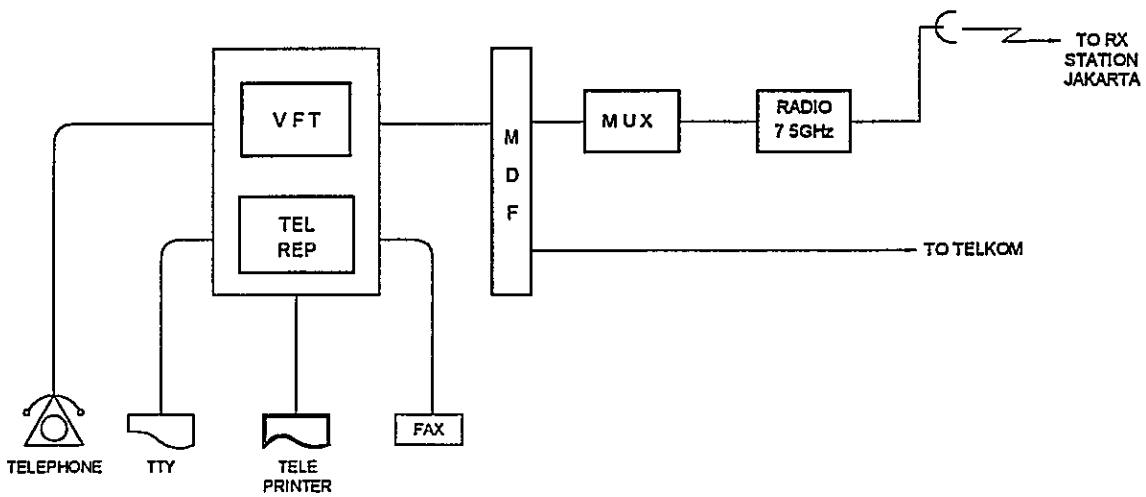
108° 49' 00" E 108° 49' 30" E 108° 50' 00" E 108° 50' 30" E

06° 09' 00" S
06° 09' 30" S
06° 10' 00" S
06° 10' 30" S
06° 11' 00" S
06° 11' 30" S
06° 12' 00" S

DATE	DRAWING TITLE	SHEET NO
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 25,000	PUSAT PEMBERITAAN	
DIMENSION	DRAWING NO.	
Meter	S, R, O, P, - P, P, B, - 0, 6, 8, - 1,	
  PT. Aneka Asia Buana		

DRAWN BY AAG

APPROVED BY JICA

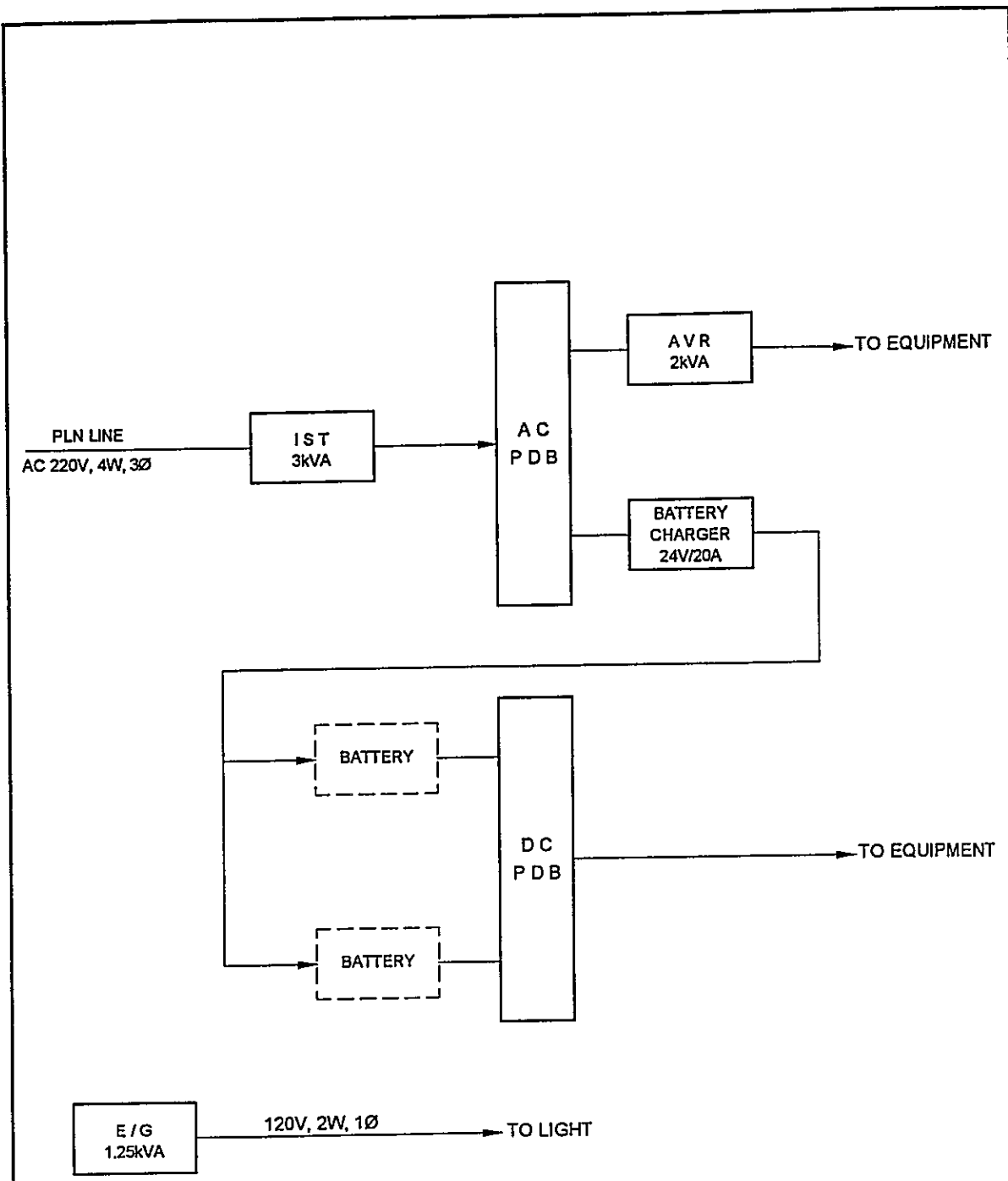


LEGEND

MDF : MAIN DISTRIBUTION BOARD
 MUX : MULTIPLEXER
 RX : RECEIVER
 REP : REPEATER
 TEL : TELEPHONE
 VFT : VOICE FREQUENCY TELEGRAPHY

APPROVED BY JICA
 DRAWN BY AAB

DATE July 27, 2001	DRAWING TITLE SYSTEM BLOCK DIAGRAM FOR MESSAGE CENTRE	SHEET NO 1 / 1
SCALE No Scale	SITE NAME PUSAT PEMBERITAAN	
DIMENSION Milimeter	DRAWING NO S, R, O, P, -, P, P, B, -, 0, 6, 8, -, 5,	
- PT. Aneka Asia Buana		



DRAWN BY AAB
 APPROVED BY JICA

LEGEND

- AC : ALTERNATING CURRENT
- AVR : AUTOMATIC VOLTAGE REGULATOR
- IST : ISOLATION TRANSFORMER
- kVA : KILO VOLT AMPERE
- V : VOLT
- W : WIRE
- Ø : PHASE

DATE	DRAWING TITLE	SHEET NO.
July 27, 2001	POWER BLOCK DIAGRAM FOR MESSAGE CENTRE	1 / 1
SCALE	SITE NAME	
No Scale	PUSAT PEMBERITAAN	
DIMENSION	DRAWING NO	
Milimeter	S, R, O, P - P, P, B - 0 6 8 - 6 1	
- PT. Aneka Asia Buana		

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

4th-A Class Coast Station Bengkulu (Coast Station No. 69)

Table of Content

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

TRX Drawings:

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

Note :

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

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY OF COAST STATION	SITE	BENGKULU		
	CLASS	4th-A	NO.	69

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Jl. Ir. Rustandi Sugianto			102° 18' 31" E	03° 46' 30" S

2. GENERAL CONDITIONS					
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population
By Air	to Kemiling [Taking time: 1.30 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	
By Car	to Bengkulu [Taking time: 24.00 hr.]	<input checked="" type="checkbox"/> Paved	<input checked="" type="checkbox"/> Medium	<input type="checkbox"/> Motel	
		<input type="checkbox"/> Unpaved road	<input type="checkbox"/> Light		
			<input type="checkbox"/> None		

3. CONDITIONS OF STATION				Refer to attached drawing	
--------------------------	--	--	--	---------------------------	--

3.1 Site Conditions						
Topography		Nature of Soil		Past disaster of site	Confirmation of existing system	
<input checked="" type="checkbox"/> Flat	<input checked="" type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	<input type="checkbox"/> Flood	Yes No		
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input type="checkbox"/> Flood Tide	<input checked="" type="checkbox"/>	<input type="checkbox"/> Antenna	
<input type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rocky	<input type="checkbox"/> Rain Leakage	<input type="checkbox"/>	<input checked="" type="checkbox"/> Towers (Masts)	
<input type="checkbox"/> Basin	<input type="checkbox"/> Clay		<input type="checkbox"/> Ground Subsidence	<input type="checkbox"/>	<input checked="" type="checkbox"/> Grounding system	
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy		<input checked="" type="checkbox"/> Earthquake	<input checked="" type="checkbox"/>	<input type="checkbox"/> Lightning system	
Altitude	3.00 M		Telephone Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/> Feeder Cable Way	
Land area	2,800 m ²		<input type="checkbox"/> Lines	<input type="checkbox"/>	<input checked="" type="checkbox"/> City water	

3.2 Building Conditions			3.3 Power Source			
Constructions		PLN Source	E/G	Existing Power Conditions		
Num. of story	One	Voltage	220 V	220 V	Good Bad	
Structure	Concrete	Phase	1	1	<input type="checkbox"/>	<input checked="" type="checkbox"/> Power Supply System
Type of roof	Roof Tile	Wire	2	2	<input type="checkbox"/>	<input checked="" type="checkbox"/> Operations of E/G
Type of ceiling	Triplex	kVA	3,1	3	<input type="checkbox"/>	<input checked="" type="checkbox"/> Operations of AVR
Type of wall	Concrete	Quality of PLN source		Capacity of fuel for engine		
Wall finish	Mortar	Fluctuations	V ± %		Day tank	14 Liter
Flooring	VPC	Availability of power per day		Hours	Main tank	4 k Liter
Room Area (m ²)		Power interruption /month		4 Times	E/G Stand-by System	
Operation room	10.00	Total interpt. hours /month		6 Hours	<input checked="" type="checkbox"/> Single System	
E / G room	21.50	Max. interpt. hours at once		8 Hours	<input type="checkbox"/> Dual System	
Remark						

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS				
Actions taken in equipment failure				TX/RX				
Restoration flow		Repairing sent to Tg. Priok		Chief	1			
Examples of major failure				Operator (skilled)	2 () ()			
Sufficiency of spares				Technician (skilled)	() ()			
Records of damages		Environmental Conditions		Administrator				
<input type="checkbox"/> Heavy rainfall		Good	Bad					
<input type="checkbox"/> Storm		<input checked="" type="checkbox"/>	<input type="checkbox"/> External noises	Total 3				
<input type="checkbox"/> Lightning		<input checked="" type="checkbox"/>	<input type="checkbox"/> Air pollution					
<input type="checkbox"/> Other calamity								
Institutional and Human Statuses				Training Record				
1 Budget	<input type="checkbox"/> Sufficient	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Insufficient	Course	Class	Location	Period	Trainee
2 Spares	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
3 Measuring eqpt./tools	<input type="checkbox"/> Enough	<input checked="" type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
4 Number of Operator	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
5 Number of Technician	<input type="checkbox"/> Enough	<input checked="" type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
6 Capability of Operator	<input type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input checked="" type="checkbox"/> Not capable					
7 Capability of Technician	<input type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input checked="" type="checkbox"/> Not capable					

SUMMARY OF COAST STATION	SITE	BENGKULU		
	CLASS	4th-A	NO.	69

6. STATISTICAL COMMUNICATION TRAFFIC DATA												
Maritime Safety					Public Telecommunication Service							
Years	TG	TEL	DSC	NBDP	Years	Telephone		TG Call	Years	Telephone		TG Call
						Call	Minute			Call	Minute	
1996					1991				1996			155
1997					1992			136	1997			120
1998					1993			249	1998			125
1999					1994			210	1999			
2000					1995			204	2000			65

7. COMMENTS	
Suggestion	Since GMDSS system fully operate, the public telecommunication became decrease.
Remarks	

INVENTORY

Site Name: Bengkulu

BKL-069- (1 / 1)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		Transmitter							
1		SSB Transmitter	JSB-161	BS-24885	JRC	1991			Good
2		SSB Transmitter	M-700	5045	ICOM	1992			Good
1-2		VHF System							
1		VHF Tranceiver	JHR 227 YA	BH-16883	JRC	1991			Good
2		Tower & Antenna System							
2-1		Tower & Mast							
1		Tower				1991			
2-2		Antenna System							
1		Multi Double Antenna				1991			
2-3		Antenna Switch							
1		Antenna Duplexer				1989			
2		Coupler	NF6-160	9-1239	Diken.Co	1989			
				BS-24885	JRC				
3		Power Supply Equipment							
3-1		Power Distribution Board							
1		Power Supply				1991			
2		Power Supply				1992			
3-2		Engine Generator							
1		Generator 3kVA	TS-50		Yanmar	1992			Not So Good

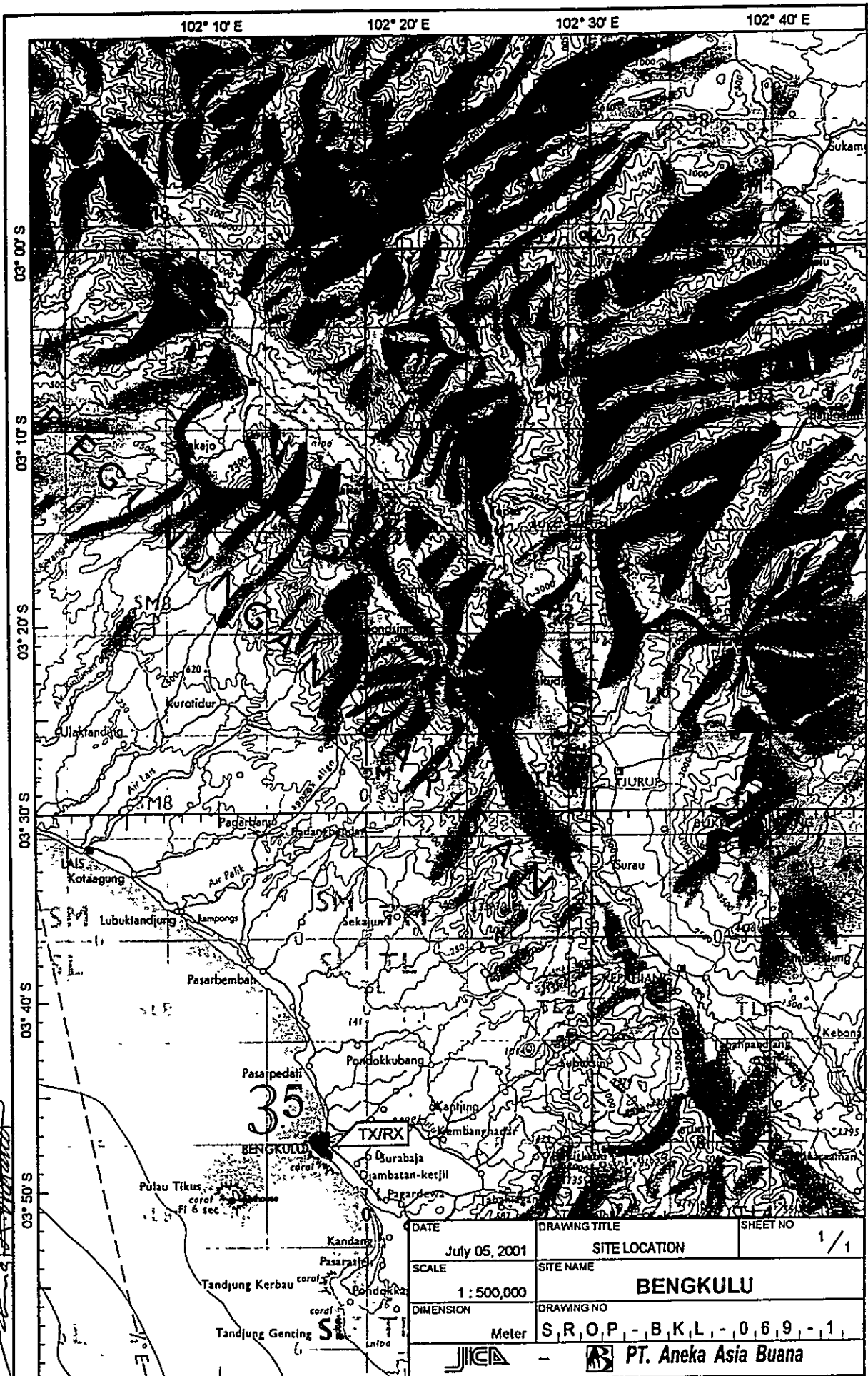
OPERATION SCHEDULE (FREQUENCIES)

Site Name: Bengkulu

BKL-069-(1/1)

Call Sign : Mobile Service : PKC.53
 Fix Service :

	FREQUENCY (kHz)	EMISSION	POWER (W)	UTC																								REMARK
				01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	Mobile Service																											
1	2 182,0	J3E	100																									
2	6 215,0	J3E	100																									
	VHF Service																											
3	156 800,0	G3E	25																									
4	156 700,0	G3E	25																									
5	156 600,0	G3E	25																									
6	156 000,0	G3E	25																									
	Fix Service																											
7	5 381,5	J3E	150																									
8	4 465,0	J3E	150																									
9	8 110,0	J3E	150																									
10	9 950,0	J3E	150																									
11																												
12																												
13																												
14																												
15																												
16																												
17																												
18																												
19																												
20																												
21																												
22																												
23																												



DRAWN BY AAE
 APPROVED BY JIZA:

DATE	DRAWING TITLE	SHEET NO
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 500,000	BENGKULU	
DIMENSION	DRAWING NO	
Meter	S, R, O, P, -, B, K, L, -, 0, 6, 9, -, 1	
- PT. Aneka Asia Buana		

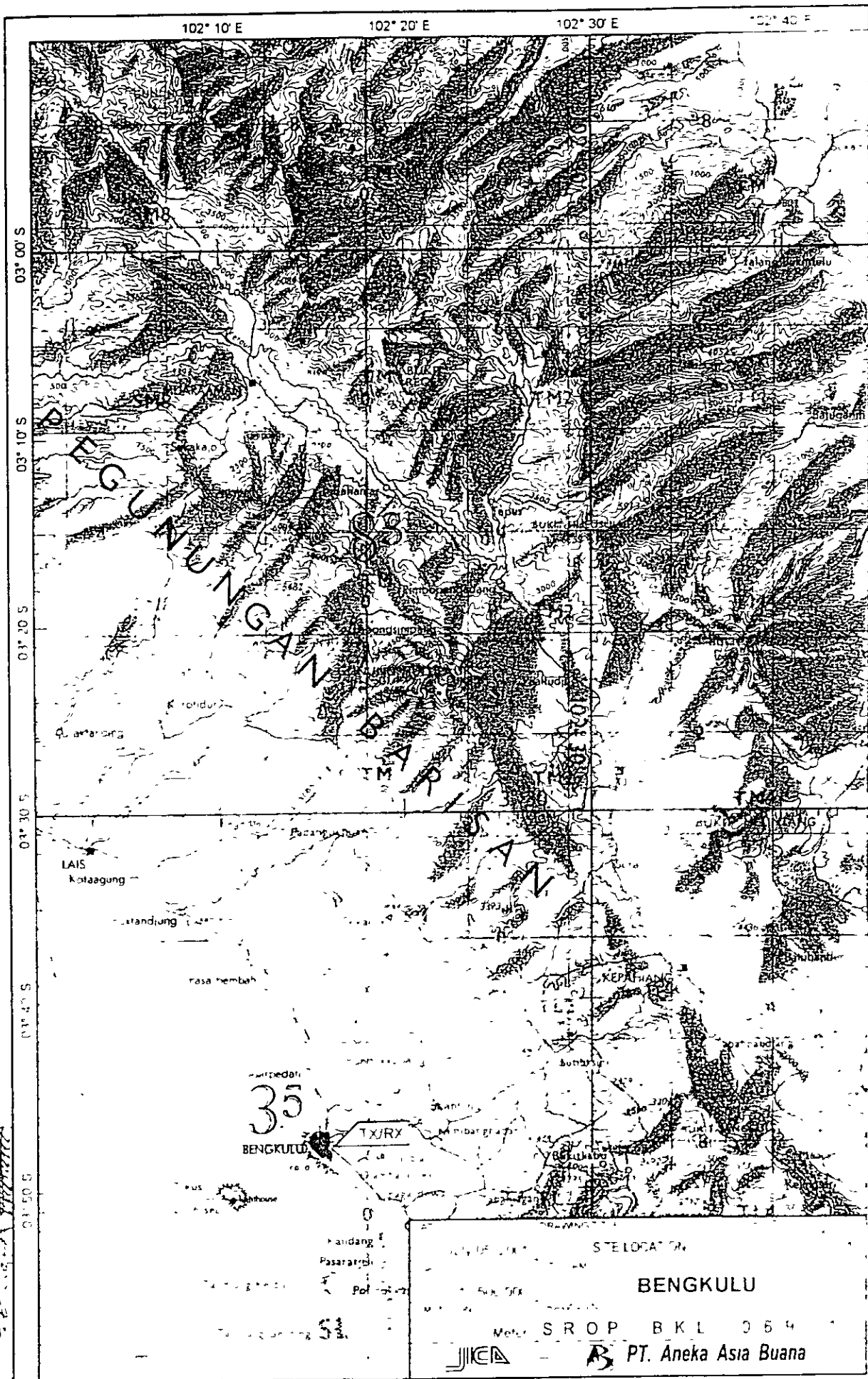
OPERATION SCHEDULE (FREQUENCIES)

Site Name: Bengkulu

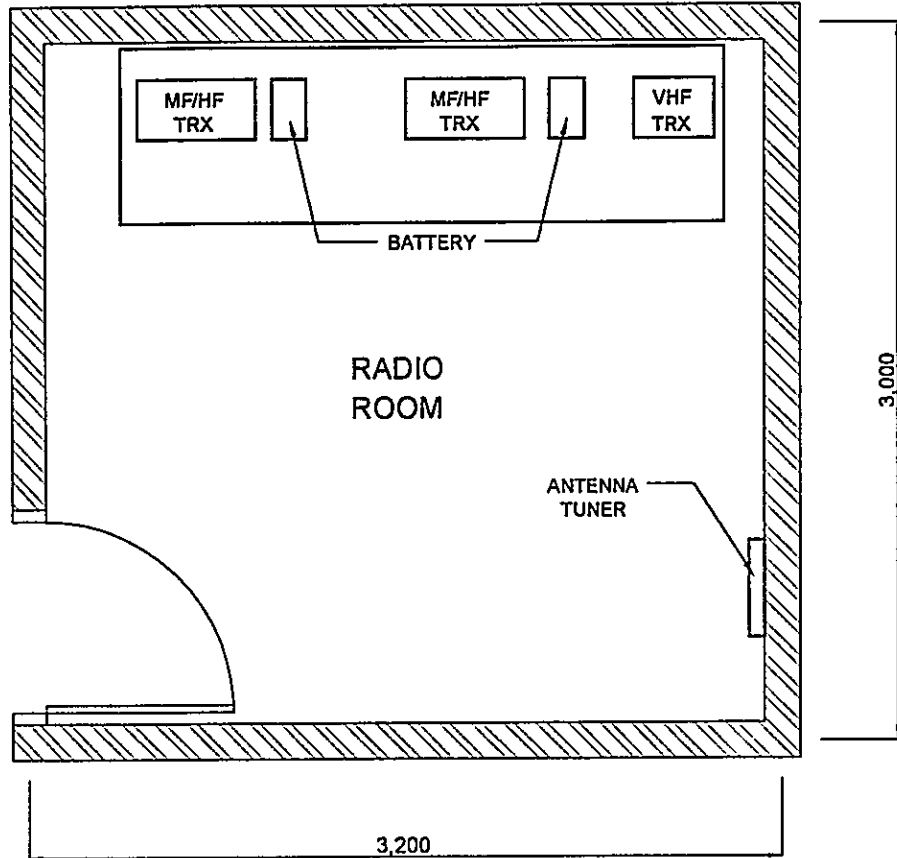
Ref: 0000000000


Cell: 5000000000

Channel	Frequency (MHz)	Bandwidth (MHz)	Power (dBm)	Modulation	Access Technology
1	900.000	1.25	23	QPSK	UMTS
2	900.000	1.25	23	QPSK	UMTS
3	900.000	1.25	23	QPSK	UMTS
4	900.000	1.25	23	QPSK	UMTS
5	900.000	1.25	23	QPSK	UMTS
6	900.000	1.25	23	QPSK	UMTS
7	900.000	1.25	23	QPSK	UMTS
8	900.000	1.25	23	QPSK	UMTS
9	900.000	1.25	23	QPSK	UMTS
10	900.000	1.25	23	QPSK	UMTS
11	900.000	1.25	23	QPSK	UMTS
12	900.000	1.25	23	QPSK	UMTS
13	900.000	1.25	23	QPSK	UMTS
14	900.000	1.25	23	QPSK	UMTS
15	900.000	1.25	23	QPSK	UMTS
16	900.000	1.25	23	QPSK	UMTS
17	900.000	1.25	23	QPSK	UMTS
18	900.000	1.25	23	QPSK	UMTS
19	900.000	1.25	23	QPSK	UMTS
20	900.000	1.25	23	QPSK	UMTS
21	900.000	1.25	23	QPSK	UMTS
22	900.000	1.25	23	QPSK	UMTS
23	900.000	1.25	23	QPSK	UMTS
24	900.000	1.25	23	QPSK	UMTS
25	900.000	1.25	23	QPSK	UMTS
26	900.000	1.25	23	QPSK	UMTS
27	900.000	1.25	23	QPSK	UMTS
28	900.000	1.25	23	QPSK	UMTS
29	900.000	1.25	23	QPSK	UMTS
30	900.000	1.25	23	QPSK	UMTS
31	900.000	1.25	23	QPSK	UMTS
32	900.000	1.25	23	QPSK	UMTS
33	900.000	1.25	23	QPSK	UMTS
34	900.000	1.25	23	QPSK	UMTS
35	900.000	1.25	23	QPSK	UMTS
36	900.000	1.25	23	QPSK	UMTS
37	900.000	1.25	23	QPSK	UMTS
38	900.000	1.25	23	QPSK	UMTS
39	900.000	1.25	23	QPSK	UMTS
40	900.000	1.25	23	QPSK	UMTS
41	900.000	1.25	23	QPSK	UMTS
42	900.000	1.25	23	QPSK	UMTS
43	900.000	1.25	23	QPSK	UMTS
44	900.000	1.25	23	QPSK	UMTS
45	900.000	1.25	23	QPSK	UMTS
46	900.000	1.25	23	QPSK	UMTS
47	900.000	1.25	23	QPSK	UMTS
48	900.000	1.25	23	QPSK	UMTS
49	900.000	1.25	23	QPSK	UMTS
50	900.000	1.25	23	QPSK	UMTS





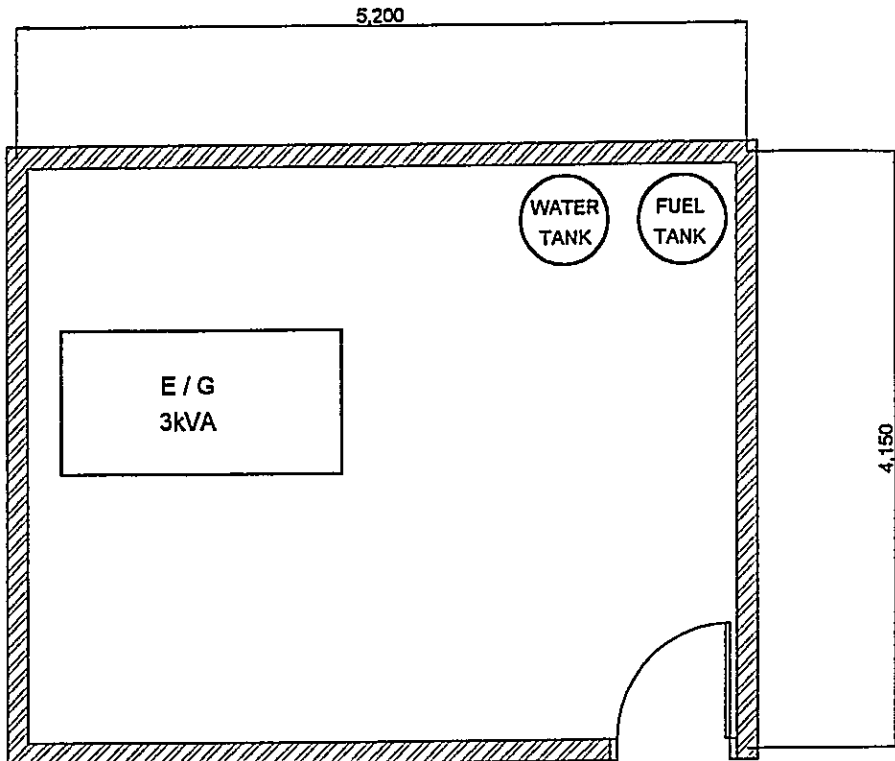
1:50,000
 1968
 1:50,000
 1968





DRAWN BY AAB
 APPROVED BY JICA




- LEGEND**
- HF HIGH FREQUENCY
 - MF MEDIUM FREQUENCY
 - TRX TRANSCEIVER (ING)
 - TX TRANSMITTER (ING)
 - VHF VERY HIGH FREQUENCY

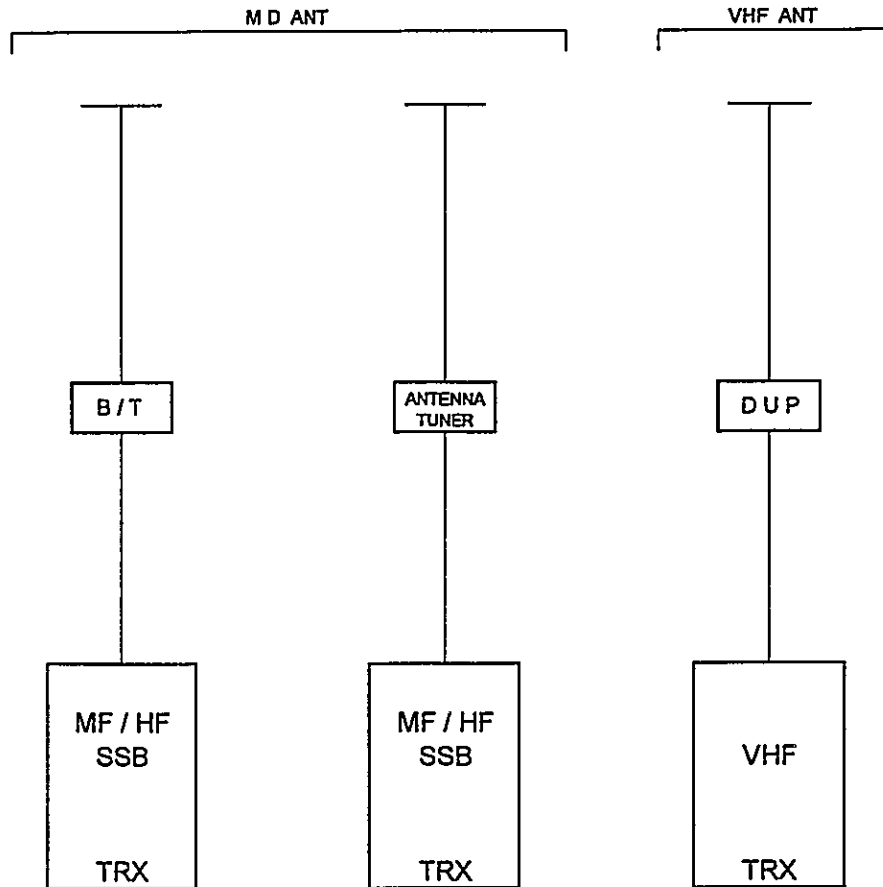
DATE June 28, 2001	DRAWING TITLE EQUIPMENT FLOOR LAYOUT	SHEET NO 1 / 1
SCALE 1 : 30	SITE NAME BENGKULU	
DIMENSION Milmeter	DRAWING NO. S, R, O, P, - , B, K, L, - , 0, 6, 9, - , 3, 1	
 -  PT. Aneka Asia Buana		



APPROVED BY JICA: 
 DRAWN BY AAB: 

- LEGEND**
- E/G ENGINE GENERATOR
 - KVA KILO VOLT AMPERE
 - PDB POWER DISTRIBUTION BOARD
 - VA VOLT AMPERE



DATE June 28, 2001	DRAWING TITLE E/G FLOOR LAYOUT	SHEET NO 1 / 1
SCALE 1 : 50	SITE NAME BENGKULU	
DIMENSION Milimeter	DRAWING NO S, R, O, P, - B, K, L, - 0, 6, 9, - 4,	
 -  PT. Aneka Asia Buana		

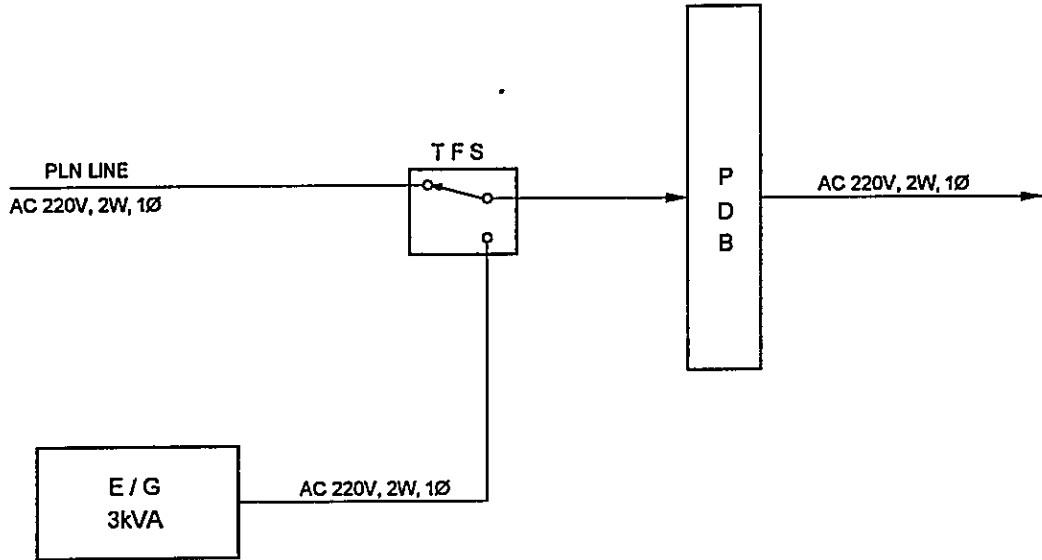


DRAWN BY AAB
APPROVED BY JICA

LEGEND

- ANT : ANTENNA
- B/T : BALUNT TRANS
- DUP : DUPLEXER
- HF : HIGH FREQUENCY
- MD : MULTI DOUBLET
- MF : MEDIUM FREQUENCY
- TRX : TRANSCEIVER (IING)
- VHF : VERY HIGH FREQUENCY

DATE	DRAWING TITLE	SHEET NO.
July 30, 2001	SYSTEM BLOCK DIAGRAM	1 / 1
SCALE	SITE NAME	
No Scale	BENGKULU	
DIMENSION	DRAWING NO.	
Milimeter	S, R, O, P, - B, K, L, - 0, 6, 9, - 5,	
 -  PT. Aneka Asia Buana		



DRAWN BY AIB

APPROVED BY JICA

LEGEND

- | | | | |
|-----|-----------------------------|-----|------------------|
| AC | ALTERNATING CURRENT | TFS | TRANSFER SWITCH |
| AVR | AUTOMATIC VOLTAGE REGULATOR | TRX | TRANSCIVER (ING) |
| E/G | ENGINE GENERATOR | V | VOLT |
| HF | HIGH FREQUENCY | W | WIRE |
| KVA | KILO VOLT AMPERE | Ø | PHASE |

DATE	DRAWING TITLE	SHEET NO.
July 30, 2001	POWER BLOCK DIAGRAM	1 / 1
SCALE	SITE NAME	
No Scale	BENGKULU	
DIMENSION	DRAWING NO.	
Milimeter	S, R, O, P, - B, K, L, - 0, 6, 9, - 6,	
- PT. Aneka Asia Buana		

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

4th-A Class Coast Station Cigading (Coast Station No. 70)

Table of Content

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

TRX Drawings:

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

Note :

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

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY OF COAST STATION	SITE	CIGADING		
	CLASS	4th-A	NO.	70

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Jl. Puskesmas/30, Sukarela Merak			106° 00' 23" E	05° 56' 05" S

2. GENERAL CONDITIONS				
Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
By Car to Merak [Taking time: 2:00 hr.]	<input checked="" type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input type="checkbox"/> Hotel	
	<input type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input type="checkbox"/> Motel	
	<input type="checkbox"/> Unpaved road	<input checked="" type="checkbox"/> Light	<input checked="" type="checkbox"/> Hotel/Losmen	
		<input type="checkbox"/> None		

3. CONDITIONS OF STATION	Refer to attached drawing
--------------------------	---------------------------

3.1 Site Conditions			
Topography	Nature of Soil	Past disaster of site	Confirmation of existing system
<input type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Flood	Yes No
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Flood Tide	<input checked="" type="checkbox"/> Antenna
<input checked="" type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rain Leakage	<input type="checkbox"/> Towers (Masts)
<input type="checkbox"/> Basin	<input type="checkbox"/> Clay	<input type="checkbox"/> Ground Subsidence	<input checked="" type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy		<input type="checkbox"/> Lightning system
Altitude	60.00 M	Telephone Lines	<input checked="" type="checkbox"/> Feeder Cable Way
Land area	1,000 m ²	<input type="checkbox"/> Lines	<input checked="" type="checkbox"/> City water

3.2 Building Conditions		3.3 Power Source			
Constructions		PLN Source	E/G	Existing Power Conditions	
Num. of story	One	Voltage	220 V	V	Good Bad
Structure	Concrete	Phase	1		<input type="checkbox"/> Power Supply System
Type of roof	Asbestos	Wire	2		<input type="checkbox"/> Operations of E/G
Type of ceiling	Triplex	kVA	2,2		<input type="checkbox"/> Operations of AVR
Type of wall	Brick	Quality of PLN source		Capacity of fuel for engine	
Wall finish	Painting	Fluctuations	V ± %	Day tank	Liter
Flooring	Tile	Availability of power per day	24 Hours	Main tank	k Liter
Room Area (m ²)		Power interruption /month		E/G Stand-by System	
Operation room	80.00	Total interpt. hours /month	Hours	<input type="checkbox"/> Single System	
E / G room		Max. interpt. hours at once	Hours	<input type="checkbox"/> Dual System	
Remark					

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS				
Actions taken in equipment failure				TX/RX				
Restoration flow	Routine Maintenance			Chief	1			
Examples of major failure				Operator (skilled)	()		()	
Sufficiency of spares				Technician (skilled)	()		()	
Records of damages		Environmental Conditions		Administrator				
<input type="checkbox"/> Heavy rainfall		Good	Bad					
<input type="checkbox"/> Storm		<input checked="" type="checkbox"/>	<input type="checkbox"/> External noises	Total				
<input type="checkbox"/> Lightning		<input checked="" type="checkbox"/>	<input type="checkbox"/> Air pollution	1				
<input type="checkbox"/> Other calamity								
Institutional and Human Statuses				Training Record				
1 Budget	<input type="checkbox"/> Sufficient	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Insufficient	Course	Class	Location	Period	Trainee
2 Spares	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
3 Measuring eqpt./tools	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
4 Number of Operator	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
5 Number of Technician	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
6 Capability of Operator	<input type="checkbox"/> Skilled	<input checked="" type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					
7 Capability of Technician	<input checked="" type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					

SUMMARY OF COAST STATION	SITE	CIGADING		
	CLASS	4th-A	NO.	70

6. STATISTICAL COMMUNICATION TRAFFIC DATA												
Maritime Safety					Public Telecommunication Service							
Years	TG	TEL	DSC	NBDP	Years	Telephone		TG Call	Years	Telephone		TG Call
						Call	Minute			Call	Minute	
1996					1991				1996			26
1997					1992				1997			20
1998					1993			35	1998			15
1999					1994			30	1999			16
2000					1995			25	2000			10

7. COMMENTS	
Suggestion	Since GMDSS fully operate, public telecommunications became decrease. Request for additional operator
Remarks	

INVENTORY

Site Name: Cigading

CGD-070- (1 / 1)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		Transceiver							
1		SSB Transceiver	IC-M700	59521	ICOM	1988			Good
2		SSB Transceiver	FT180A		Yaesu	1986			Damaged
1-2		Receiver							
1		Receiver	FRG-8800	5C030705	Yaesu	1987			Good
1-3		VHF System							
1		VHF Transceiver		50030705	Yaesu	1982			Good
2		Tower & Antenna System							
2-1		Antenna Selector							
1		Antenna Automatic Coupler	RP7327D		JRC	1986			Damaged
2		Antenna Automatic Tuner	AT-120		ICOM	1988			Good
3		Power Supply Equipment							
3-1		UPS & AVR							
1		Power Supply	NPS-20			1986			Good
4		Others							
1		Typewriter	Brother						Good

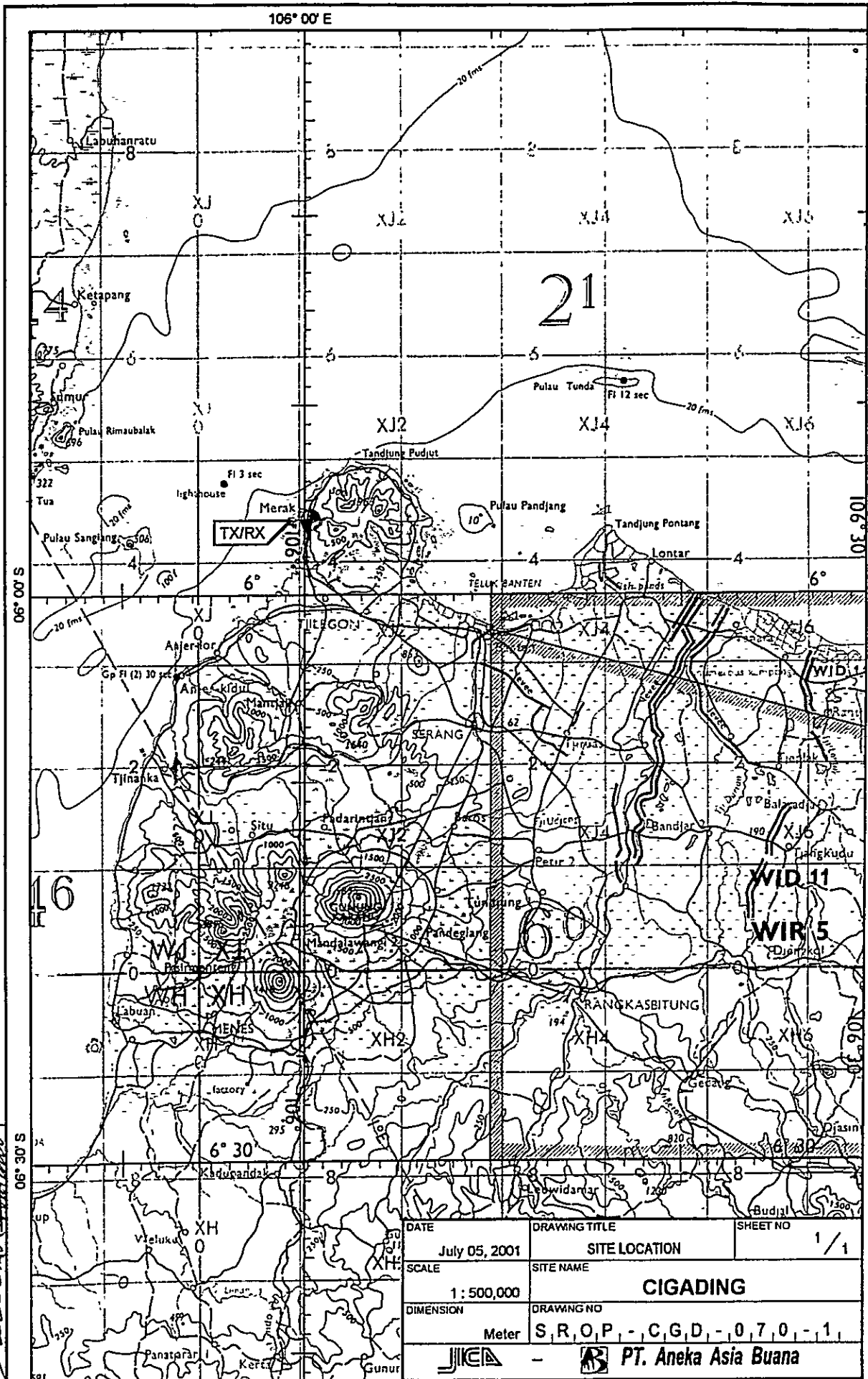
Site Name: Cigading

OPERATION SCHEDULE (FREQUENCIES)

Call Sign : Mobile Service : PKZ-34

Fix Service :

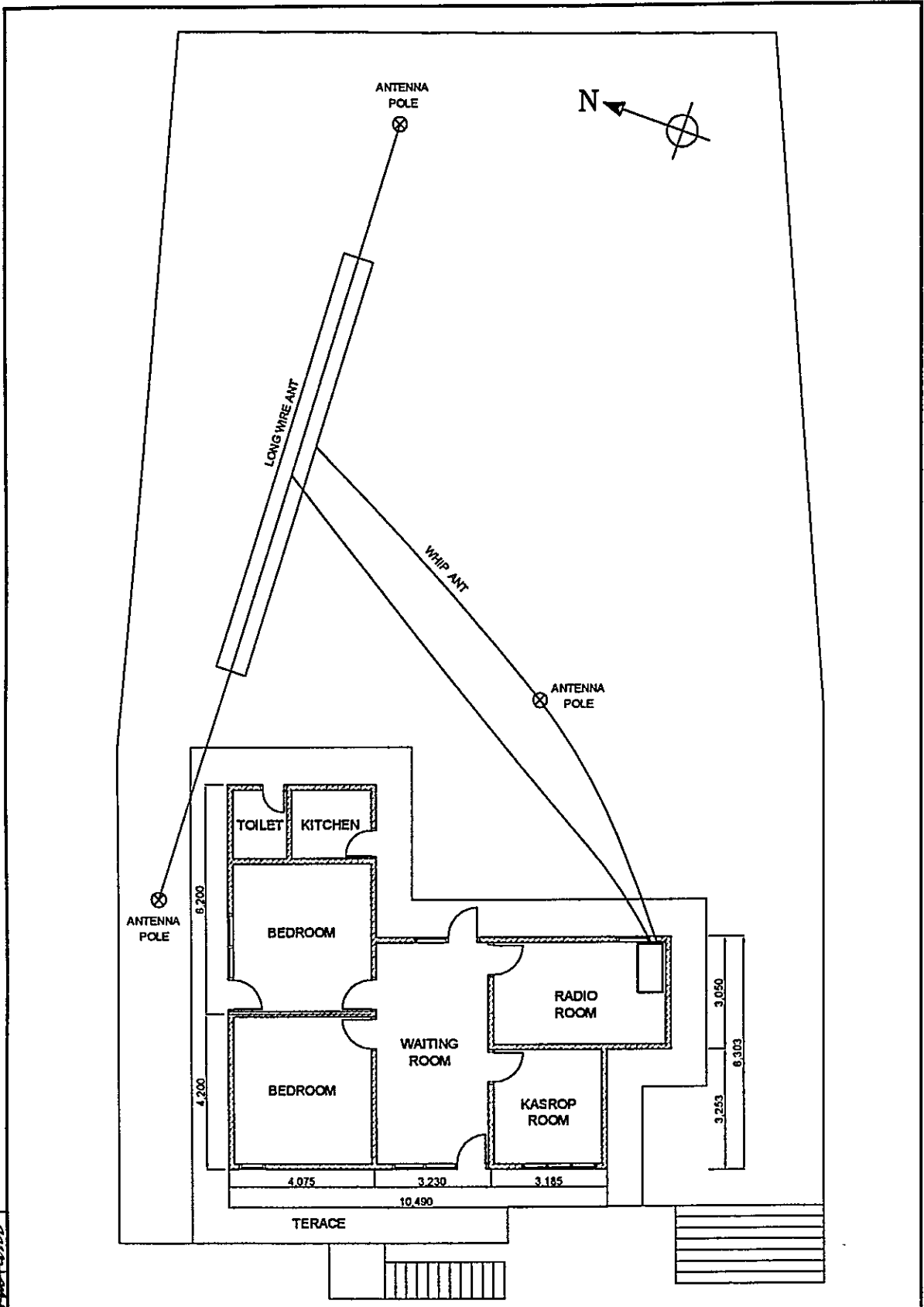
FREQUENCY (kHz)	EMISSION	POWER (W)	UTC																								REMARK
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Mobile Service																											
1 6 215,0	J3E	100																									
2 182,0		100																									
3 156.800,0	G3E	50																									
4																											
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DRAWN BY AAB

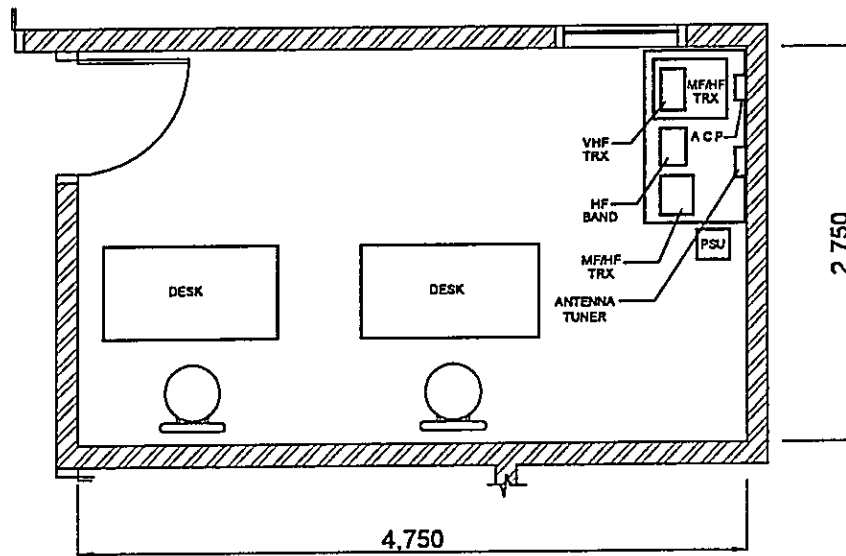
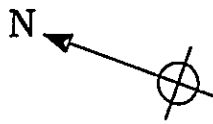
APPROVED BY JICA

DATE	DRAWING TITLE	SHEET NO
July 05, 2001	SITE LOCATION	1/1
SCALE	SITE NAME	
1 : 500,000	CIGADING	
DIMENSION	DRAWING NO	
Meter	S,R,O,P - C,G,D - 0,7,0 - 1	



DRAWN BY AAR
 APPROVED BY JICA
[Signature]

DATE	DRAWING TITLE	SHEET NO
Sept 06, 2001	ANTENNA LAYOUT	1/1
SCALE	SITE NAME	
1 : 150	CIGADING	
DIMENSION	DRAWING NO.	
Milimeter	S R O P - C G D - 0 7 0 - 2	
- PT. Aneka Asia Buana		

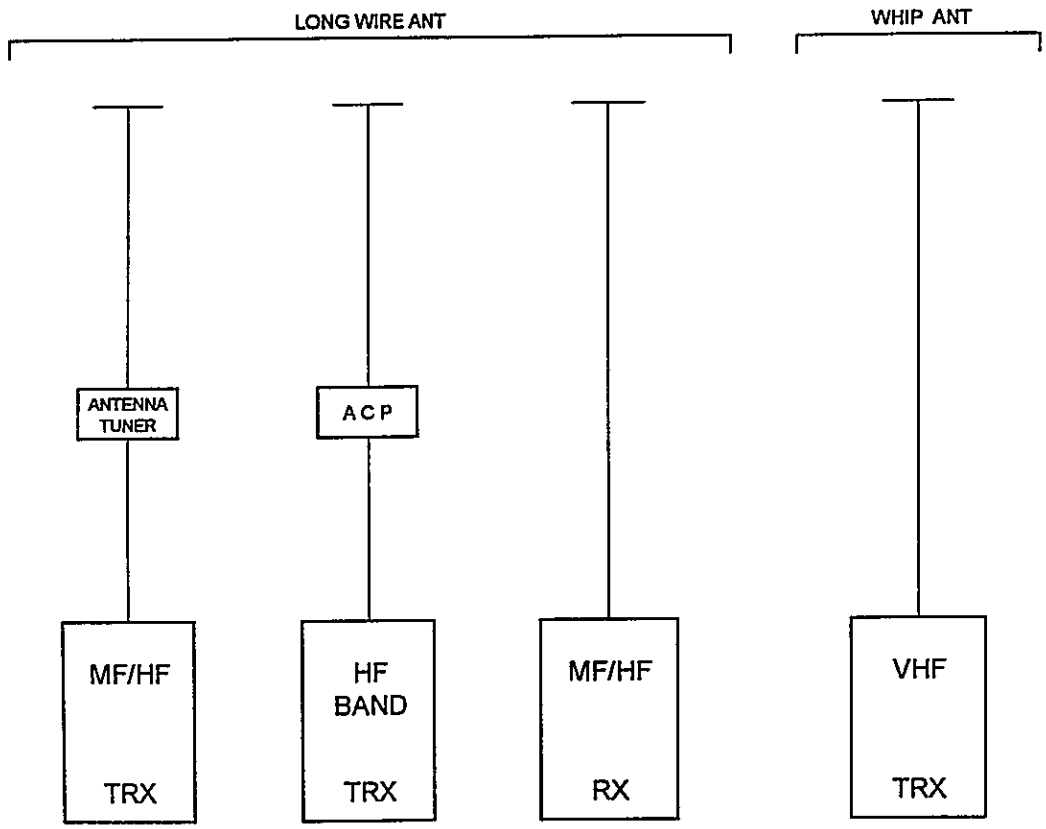


LEGEND

- ACP : ANTENNA COUPLER
- HF : HIGH FREQUENCY
- MF : MEDIUM FREQUENCY
- PSU : POWER SUPPLY UNIT
- TRX : TRANSCEIVER

DRAWN BY AAB:
 APPROVED BY JICA:

DATE	DRAWING TITLE	SHEET NO
Sept 06, 2001	EQUIPMENT FLOOR LAYOUT	1 / 1
SCALE	SITE NAME	
1 : 50	CIGADING	
DIMENSION	DRAWING NO.	
Milimeter	S, R, O, P, - C, G, D, - 0, 7, 0, - 3,	
- PT. Aneka Asia Buana		



APPROVED BY JICA
 DRAWN BY ABB

- LEGEND**
- ACP : ANTENNA COUPLER
 - ANT : ANTENNA
 - HF : HIGH FREQUENCY
 - MF : MEDIUM FREQUENCY
 - TRX : TRANSCEIVER (ING)
 - VHF : VERY HIGH FREQUENCY

DATE Sept 06, 2001	DRAWING TITLE SYSTEM BLOCK DIAGRAM	SHEET NO. 1/1
SCALE No Scale	SITE NAME CIGADING	
DIMENSION Milimeter	DRAWING NO. S R O P - C G D - 0 7 0 - 5	
- PT. Aneka Asia Buana		

PLN LINE
2200kVA
220V, 1Ø, 2W

POWER
SUPPLY
UNIT

TO MF/HF
TRX

TO HF BAND
TRX



TO MF/HF
RX

TO VHF
TRX

LEGEND

- HF : HIGH FREQUENCY
- kVA : KILO VOLT AMPERE
- MF : MEDIUM FREQUENCY
- TRX : TRANSCIEVER
- V : VOLT
- VHF : VERY HIGH FREQUENCY
- W : WIRE
- Ø : PHASE

DRAWN BY AAB
APPROVED BY JICA

DATE Sept 06, 2001	DRAWING TITLE POWER BLOCK DIAGRAM	SHEET NO. 1 / 1
SCALE No Scale	SITE NAME CIGADING	
DIMENSION Milimeter	DRAWING NO. S, R, O, P - C, G, D - 0, 7, 0 - 6	
 -  PT. Aneka Asia Buana		

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

4th-A Class Coast Station Sunda Kelapa (Coast Station No. 71)

Table of Content

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

TRX Drawings:

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

Note :

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

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY OF COAST STATION	SITE	SUNDA KELAPA		
	CLASS	4th-A	NO.	71

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX				° ' "	° ' "

2. GENERAL CONDITIONS				
Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	
	<input type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input type="checkbox"/> Motel	
	<input type="checkbox"/> Unpaved road	<input type="checkbox"/> Light		
		<input type="checkbox"/> None		

3. CONDITIONS OF STATION	Refer to attached drawing
--------------------------	---------------------------

3.1 Site Conditions				
Topography	Nature of Soil		Past disaster of site	Confirmation of existing system
<input checked="" type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	<input type="checkbox"/> Flood	Yes No
<input type="checkbox"/> Slope	<input checked="" type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input type="checkbox"/> Flood Tide	<input type="checkbox"/> <input checked="" type="checkbox"/> Antenna
<input type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rocky	<input type="checkbox"/> Rain Leakage	<input type="checkbox"/> <input checked="" type="checkbox"/> Towers (Masts)
<input type="checkbox"/> Basin	<input type="checkbox"/> Clay		<input type="checkbox"/> Ground Subsidence	<input type="checkbox"/> <input checked="" type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy			<input type="checkbox"/> <input checked="" type="checkbox"/> Lightning system
Altitude	M		Telephone Lines	<input type="checkbox"/> <input checked="" type="checkbox"/> Feeder Cable Way
Land area	m ²		<input type="checkbox"/> Lines	<input type="checkbox"/> <input checked="" type="checkbox"/> City water

3.2 Building Conditions		3.3 Power Source			
Constructions		PLN Source	E/G	Existing Power Conditions	
Num. of story		Voltage	V	V	Good Bad
Structure		Phase			<input type="checkbox"/> <input checked="" type="checkbox"/> Power Supply System
Type of roof		Wire			<input type="checkbox"/> <input checked="" type="checkbox"/> Operations of E/G
Type of ceiling		kVA			<input type="checkbox"/> <input checked="" type="checkbox"/> Operations of AVR
Type of wall		Quality of PLN source		Capacity of fuel for engine	
Wall finish		Fluctuations	V ± %	Day tank	Liter
Flooring		Availability of power per day	Hours	Main tank	k Liter
Room Area (m ²)		Power interruption /month	Times	E/G Stand-by System	
Operation room		Total interpt. hours /month	Hours	<input type="checkbox"/> Single System	
E / G room		Max. interpt. hours at once	Hours	<input type="checkbox"/> Dual System	
Remark	No data				

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS									
Actions taken in equipment failure						TX/RX							
Restoration flow				Chief									
Examples of major failure				Operator (skilled)		()	()						
Sufficiency of spares				Technician (skilled)		()	()						
Records of damages		Environmental Conditions		Administrator									
<input type="checkbox"/> Heavy rainfall		Good	Bad	Total									
<input type="checkbox"/> Storm		<input type="checkbox"/>	<input checked="" type="checkbox"/>						External noises				
<input type="checkbox"/> Lightning		<input type="checkbox"/>	<input checked="" type="checkbox"/>						Air pollution				
<input type="checkbox"/> Other calamity													
Institutional and Human Statuses				Training Record									
1 Budget	<input type="checkbox"/> Sufficient	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Insufficient	Course	Class	Location	Period	Trainee					
2 Spares	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough										
3 Measuring eqpt./tools	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough										
4 Number of Operator	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough										
5 Number of Technician	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough										
6 Capability of Operator	<input type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable										
7 Capability of Technician	<input type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable										

SUMMARY OF COAST STATION	SITE	SUNDA KELAPA		
	CLASS	4th-A	NO.	71

6. STATISTICAL COMMUNICATION TRAFFIC DATA												
Maritime Safety					Public Telecommunication Service							
Years	TG	TEL	DSC	NBDP	Years	Telephone		TG Call	Years	Telephone		TG Call
						Call	Minute			Call	Minute	
1996					1991				1996			
1997					1992				1997			
1998					1993				1998			
1999					1994				1999			
2000					1995				2000			

7. COMMENTS	
Suggestion	
Remarks	Only Name

INVENTORY

Site Name: Sunda Kelapa

SDK-071-(1/1)

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

OPERATION SCHEDULE (FREQUENCIES)

Site Name: Sunda Kelapa

SDK-071-(1/1)

Call Sign : Mobile Service :
Fix Service :

	FREQUENCY (kHz)	EMISSION	POWER (W)	UTC																								REMARK		
				01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			
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26																														
27																														

**Data not Available because Coast
Station doesn't exists or Name only**



DRAWN BY AAB
 APPROVED BY JICA

DATE	DRAWING TITLE	SHEET NO.
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 25,000	SUNDA KELAPA	
DIMENSION	DRAWING NO.	
Meter	S, R, O, P, - S, D, K, - 0, 7, 1, - 1,	

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

4th-A Class Coast Station Pelabuhan Ratu (Coast Station No. 72)

Table of Content

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

TRX Drawings:

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

Note :

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

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY OF COAST STATION	SITE	PELABUHAN RATU		
	CLASS	4th-A	NO.	72

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Jl. Kidang Kencana No. 4, Pel. Ratu	0266-431060	0266-431060	106° 32' 35.4" E	06° 59' 13" S

2. GENERAL CONDITIONS					
Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population	
By Car to P. Ratu [Taking time: 4.00 hr.]	<input checked="" type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input type="checkbox"/> Hotel		
	<input type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input type="checkbox"/> Motel		
	<input type="checkbox"/> Unpaved road	<input checked="" type="checkbox"/> Light	<input checked="" type="checkbox"/> Hotel/Losmen		
		<input type="checkbox"/> None			

3. CONDITIONS OF STATION	Refer to attached drawing
--------------------------	---------------------------

3.1 Site Conditions			
Topography	Nature of Soil	Past disaster of site	Confirmation of existing system
<input checked="" type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	Yes No
<input type="checkbox"/> Slope	<input checked="" type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input checked="" type="checkbox"/> Antenna
<input type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rocky	<input type="checkbox"/> Towers (Masts)
<input type="checkbox"/> Basin	<input type="checkbox"/> Clay	<input type="checkbox"/> Ground Subsidence	<input checked="" type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy		<input checked="" type="checkbox"/> Lightning system
Altitude	63.30 M	Telephone Lines	<input checked="" type="checkbox"/> Feeder Cable Way
Land area	300.00 m ²	<input checked="" type="checkbox"/> 1 Lines	<input checked="" type="checkbox"/> City water

3.2 Building Conditions		3.3 Power Source			
Constructions		PLN Source	E/G	Existing Power Conditions	
Num. of story	One	Voltage	220 V	Good Bad	
Structure	Concrete	Phase	1	<input type="checkbox"/>	<input checked="" type="checkbox"/> Power Supply System
Type of roof	Roof Tile	Wire	2	<input type="checkbox"/>	<input type="checkbox"/> Operations of E/G
Type of ceiling	Plasterboard	kVA	0.9	<input type="checkbox"/>	<input type="checkbox"/> Operations of AVR
Type of wall	Brick	Quality of PLN source		Capacity of fuel for engine	
Wall finish	Painting	Fluctuations	V ± %	Day tank	Liter
Flooring	Ceramic	Availability of power per day	24 Hours	Main tank	k Liter
Room Area (m ²)		Power interruption /month	4 Times	E/G Stand-by System	
Operation room	6.80	Total interpt. hours /month	8 Hours	<input type="checkbox"/>	Single System
E / G room		Max. interpt. hours at once	10 Hours	<input type="checkbox"/>	Dual System
Remark					

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS				
Actions taken in equipment failure						TX/RX		
Restoration flow	Simple, repaired by himself			Chief	1			
Examples of major failure				Operator (skilled)	1 ()		()	
Sufficiency of spares				Technician (skilled)	()		()	
Records of damages		Environmental Conditions		Administrator				
<input type="checkbox"/> Heavy rainfall		Good	Bad					
<input type="checkbox"/> Storm		<input checked="" type="checkbox"/>	<input type="checkbox"/>	External noises	Total		2	
<input type="checkbox"/> Lightning		<input checked="" type="checkbox"/>	<input type="checkbox"/>	Air pollution				
<input type="checkbox"/> Other calamity								
Institutional and Human Statuses				Training Record				
1 Budget	<input checked="" type="checkbox"/> Sufficient	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Insufficient	Course	Class	Location	Period	Trainee
2 Spares	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
3 Measuring eqpt./tools	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
4 Number of Operator	<input checked="" type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
5 Number of Technician	<input checked="" type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
6 Capability of Operator	<input type="checkbox"/> Skilled	<input checked="" type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					
7 Capability of Technician	<input checked="" type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					

SUMMARY OF COAST STATION	SITE	PELABUHAN RATU		
	CLASS	4th-A	NO.	72

6. STATISTICAL COMMUNICATION TRAFFIC DATA												
Maritime Safety					Public Telecommunication Service							
Years	TG	TEL	DSC	NBDP	Years	Telephone		TG Call	Years	Telephone		TG Call
						Call	Minute			Call	Minute	
1996					1991				1996			
1997					1992				1997			
1998					1993				1998			
1999					1994				1999			
2000					1995				2000			

7. COMMENTS	
Suggestion	Operational budget was not enough; Request for new stabilizer because voltage unstable.
Remarks	Operated by Kanpel Staff

INVENTORY

Site Name: Pelabuhan Ratu

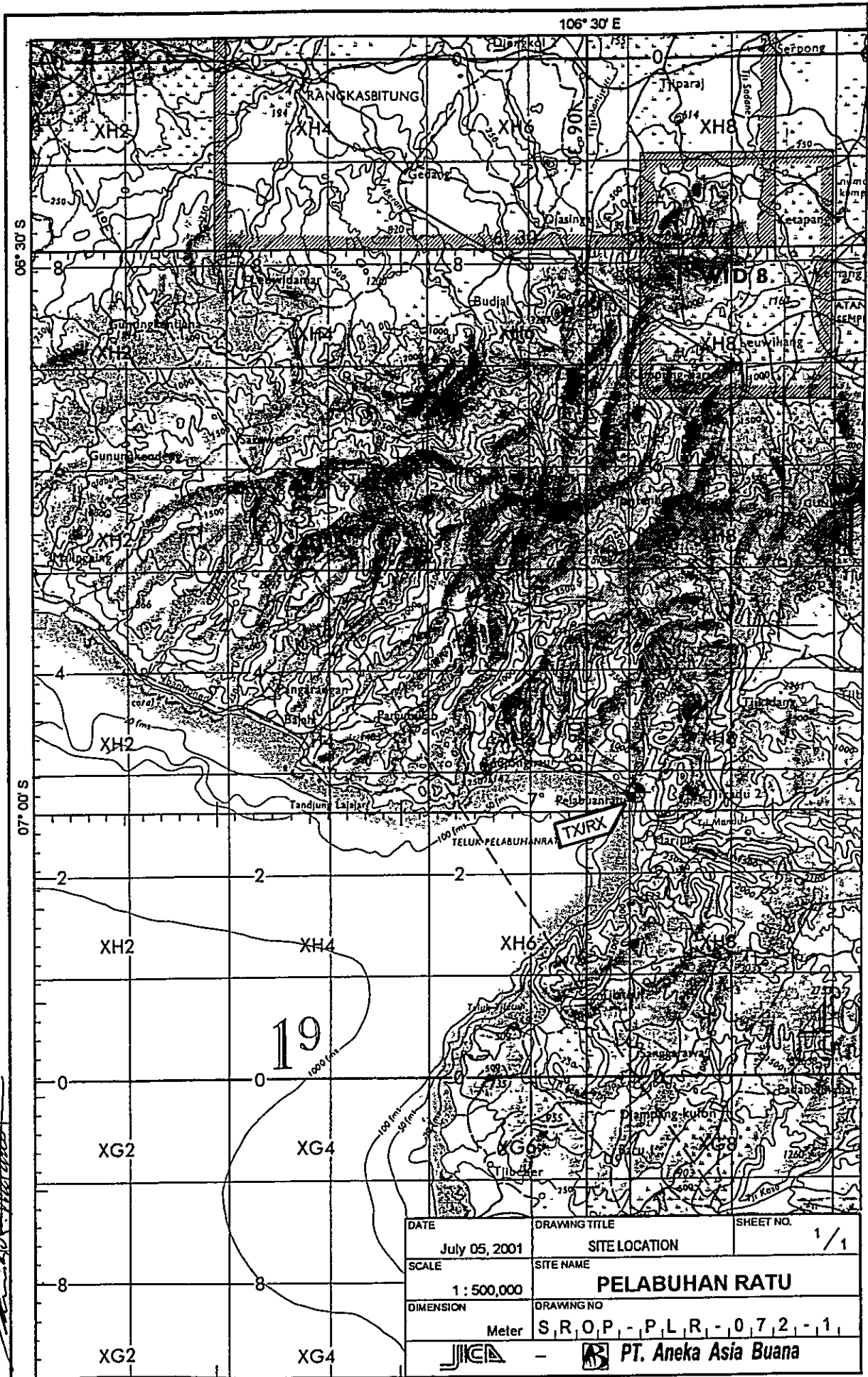
PLR-072- (1 / 1)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1	1	Transmitter MF/HF Transceiver	IC-M700	5944	ICOM	1994			Good
1-2	1	Antenna Selector Automatic Antenna Tuner	AT-120		Japan				Good
2		Power Supply Equipment							
2-1	1	UPS & AVR Power Supply	TA-30						Good

OPERATION SCHEDULE (FREQUENCIES)

Call Sign : Mobile Service :
Fix Service :

	FREQUENCY (kHz)	EMISSION	POWER (W)	UTC																								REMARK
				01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	Mobile Service 2 128,0	J3E	100																									
2	3 180,0	J3E	100																									
3	2 383,0	J3E	100																									
4	6 215,0	J3E	100																									
5	6 224,0	J3E	100																									
6	Fix Service 5 381,5	J3E	100																									
7																												
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DRAWN BY AAB
 APPROVED BY JICA: *[Signature]*

DATE	DRAWING TITLE	SHEET NO.
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 500,000	PELABUHAN RATA	
DIMENSION	DRAWING NO	
Meter	S, R, O, P - P, L, R - 0 7 2 - 1	

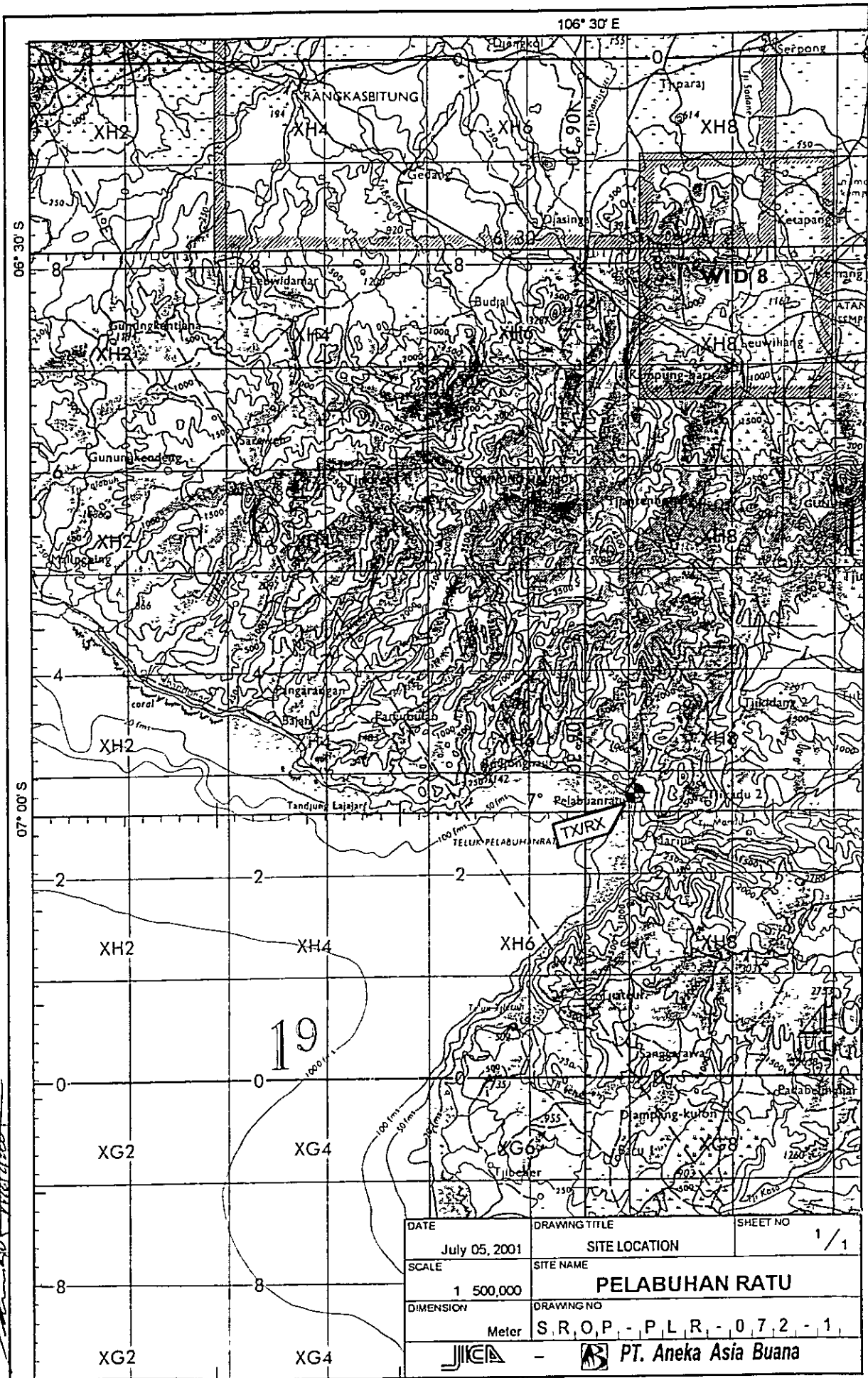
OPERATION SCHEDULE (FREQUENCIES)


Site Name: Pelabuhan Ratu



PLR-072-(1/1)

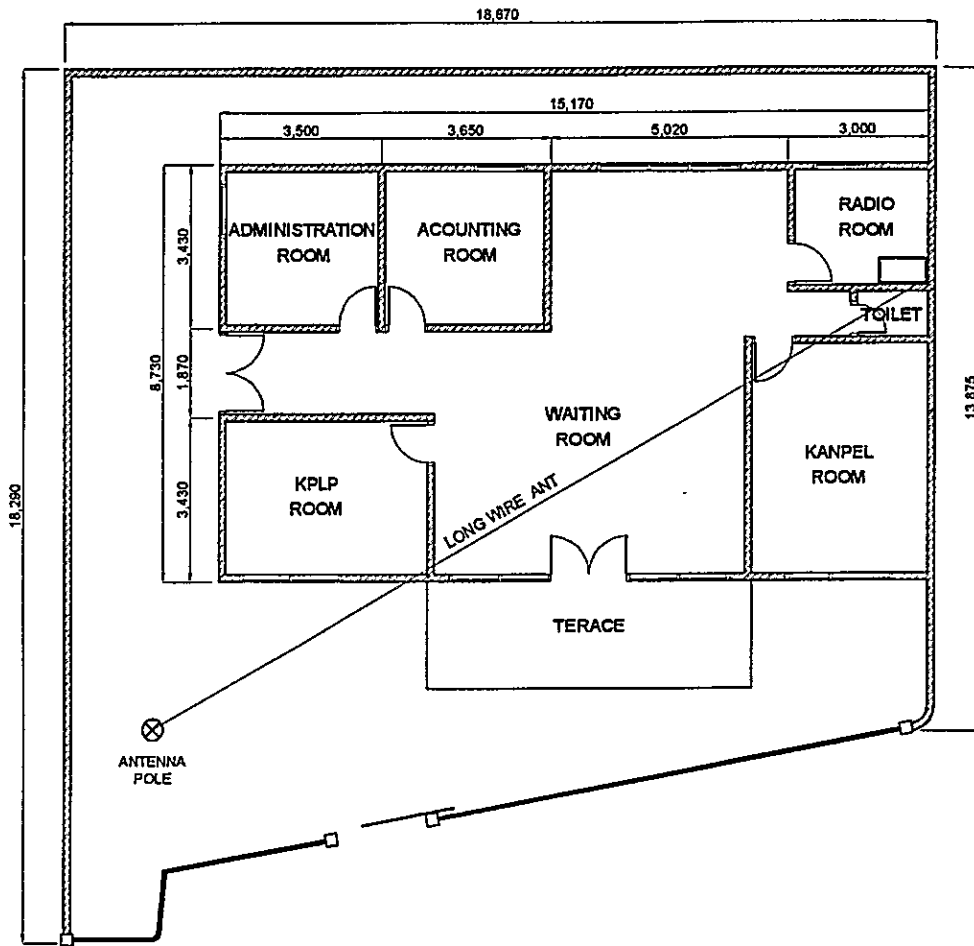
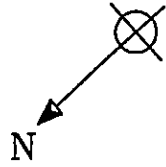
Call Sign : Mobile Service
Fix Service

FREQUENCY (kHz)	EMISSION	POWER (W)	UTC																								REMARK
			01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Mobile Service																											
1	J3E	100																									
2	J3E	100																									
3	J3E	100																									
4	J3E	100																									
5	J3E	100																									
Fix Service																											
6	J3E	100																									
7																											
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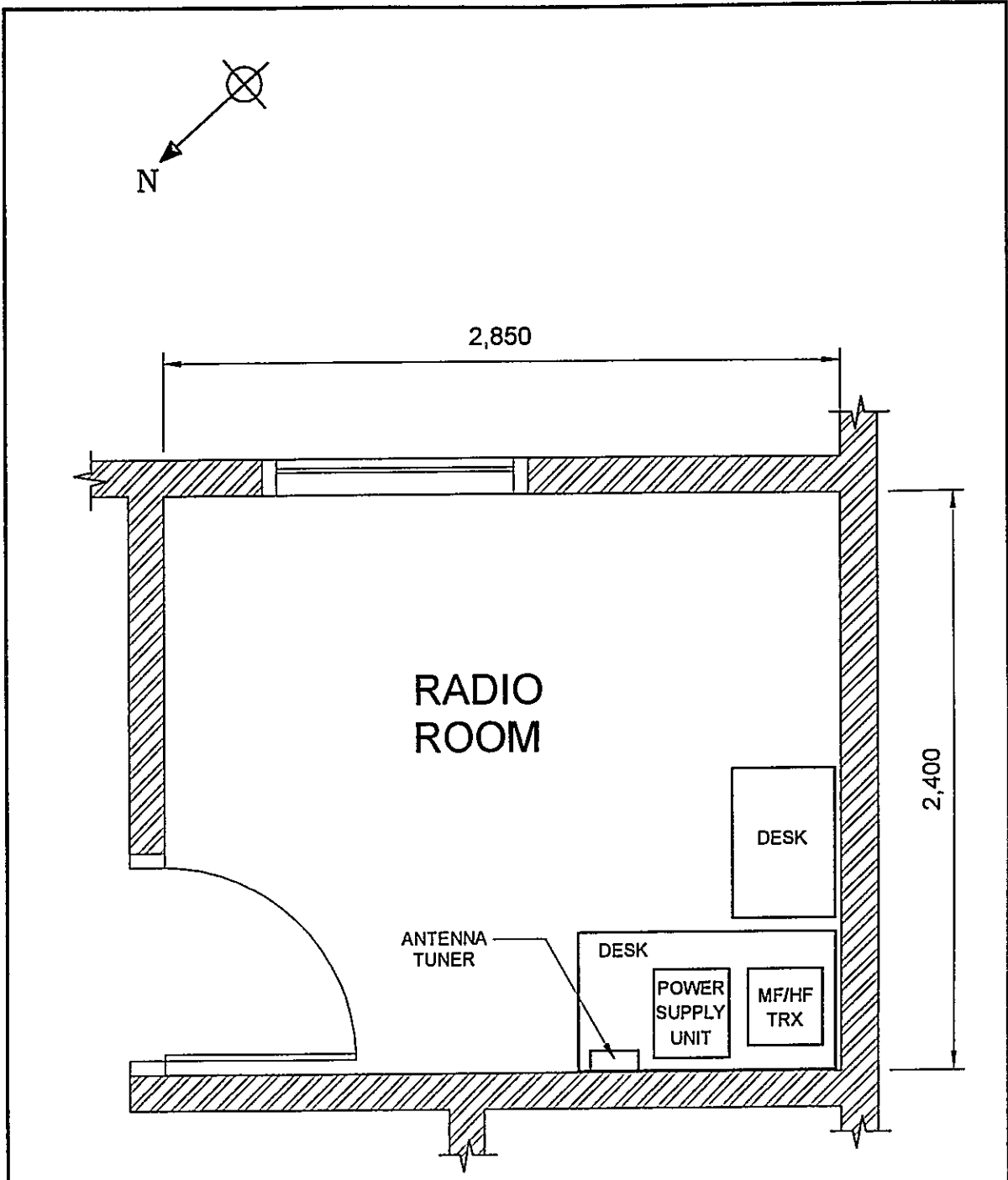
DRAWN BY AAB
 APPROVED BY JICA


DATE	DRAWING TITLE	SHEET NO
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 500,000	PELABUHAN RATA	
DIMENSION	DRAWING NO	
Meter	S.R.O.P - P.L.R. - 072 - 1	
 -  PT. Aneka Asia Buana		



DRAWN BY: A.B. *[Signature]*
 APPROVED BY: JICA *[Signature]*

DATE	DRAWING TITLE	SHEET NO.
Sept 10, 2001	ANTENNA LAYOUT	1/1
SCALE	SITE NAME	
1 : 150	PELABUHAN RATU	
DIMENSION	DRAWING NO	
Milimeter	S, R, O, P, - P, L, R, - 0, 7, 2, - 2,	



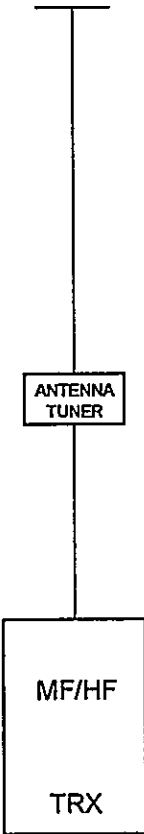
RADIO ROOM

- LEGEND**
- HF : HIGH FREQUENCY
 - MF : MEDIUM FREQUENCY
 - TRX : TRANSCEIVER (ING)

DRAWN BY AAB
APPROVED BY JICA

DATE Sept 10, 2001	DRAWING TITLE EQUIPMENT FLOOR LAYOUT	SHEET NO 1 / 1
SCALE 1 : 25	SITE NAME PELABUHAN RATU	
DIMENSION Milimeter	DRAWING NO S, R, O, P, - P, L, R, - 0, 7, 2, - 3,	
- PT. Aneka Asia Buana		



LONG WIRE ANT



DRAWN BY AAB: [Signature]
APPROVED BY JICA: [Signature]

LEGEND

- ANT : ANTENNA
- HF : HIGH FREQUENCY
- MF : MEDIUM FREQUENCY
- TRX : TRANSCEIVER (ING)

DATE Sept 10, 2001	DRAWING TITLE SYSTEM BLOCK DIAGRAM	SHEET NO 1 / 1
SCALE No Scale	SITE NAME PELABUHAN RATU	
DIMENSION Milimeter	DRAWING NO. S, R, O, P, -, P, L, R, -, 0, 7, 2, -, 5,	
 -  PT. Aneka Asia Buana		

PLN LINE
900VA
220V, 1Ø, 2W



TO RADIO
EQUIPMENT

LEGEND

- V : VOLT
- VA : VOLT AMPERE
- W : WIRE
- Ø : PHASE

DRAWN BY AAB. APPROVED BY JICA

DATE Sept 10, 2001	DRAWING TITLE POWER BLOCK DIAGRAM	SHEET NO 1 / 1
SCALE No Scale	SITE NAME PELABUHAN RATU	
DIMENSION Milimeter	DRAWING NO S, R, O, P, - P, L, R, - 0, 7, 2, - 6,	
- PT. Aneka Asia Buana		