

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

4th-B Class Coast Station Bintuhan (Coast Station No. 73)

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	BINTUHAN		
	CLASS	4th-B	NO.	73

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX				103° 21' 30" E	04° 47' 50" S

2. GENERAL CONDITIONS					
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population
By Air	to Bengkulu [Taking time: 2:00 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input type="checkbox"/> Hotel	
By Car	to Bintuhan [Taking time: 6:00 hr.]	<input checked="" type="checkbox"/> Paved	<input checked="" type="checkbox"/> Medium	<input checked="" 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 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 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	Structure	Voltage	V	Good Bad	
Type of roof	Type of ceiling	Phase		<input checked="" type="checkbox"/>	<input type="checkbox"/> Power Supply System
Type of wall	Wall finish	Wire		<input type="checkbox"/>	<input type="checkbox"/> Operations of E/G
Flooring	Room Area (m ²)	kVA		<input type="checkbox"/>	<input type="checkbox"/> Operations of AVR
		Quality of PLN source		Capacity of fuel for engine	
		Fluctuations	V ± %	Day tank	Liter
		Availability of power per day		Main tank	k Liter
		Power interruption /month		E/G Stand-by System	
Operation room		Total interpt. hours /month		<input type="checkbox"/> Single System	
E / G room		Max. interpt. hours at once		<input type="checkbox"/> Dual System	
Remark					

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				
<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					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 COAST STATION	SITE	BINTUHAN		
	CLASS	4th-B	NO.	73

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	Owned and operated by Kanpel

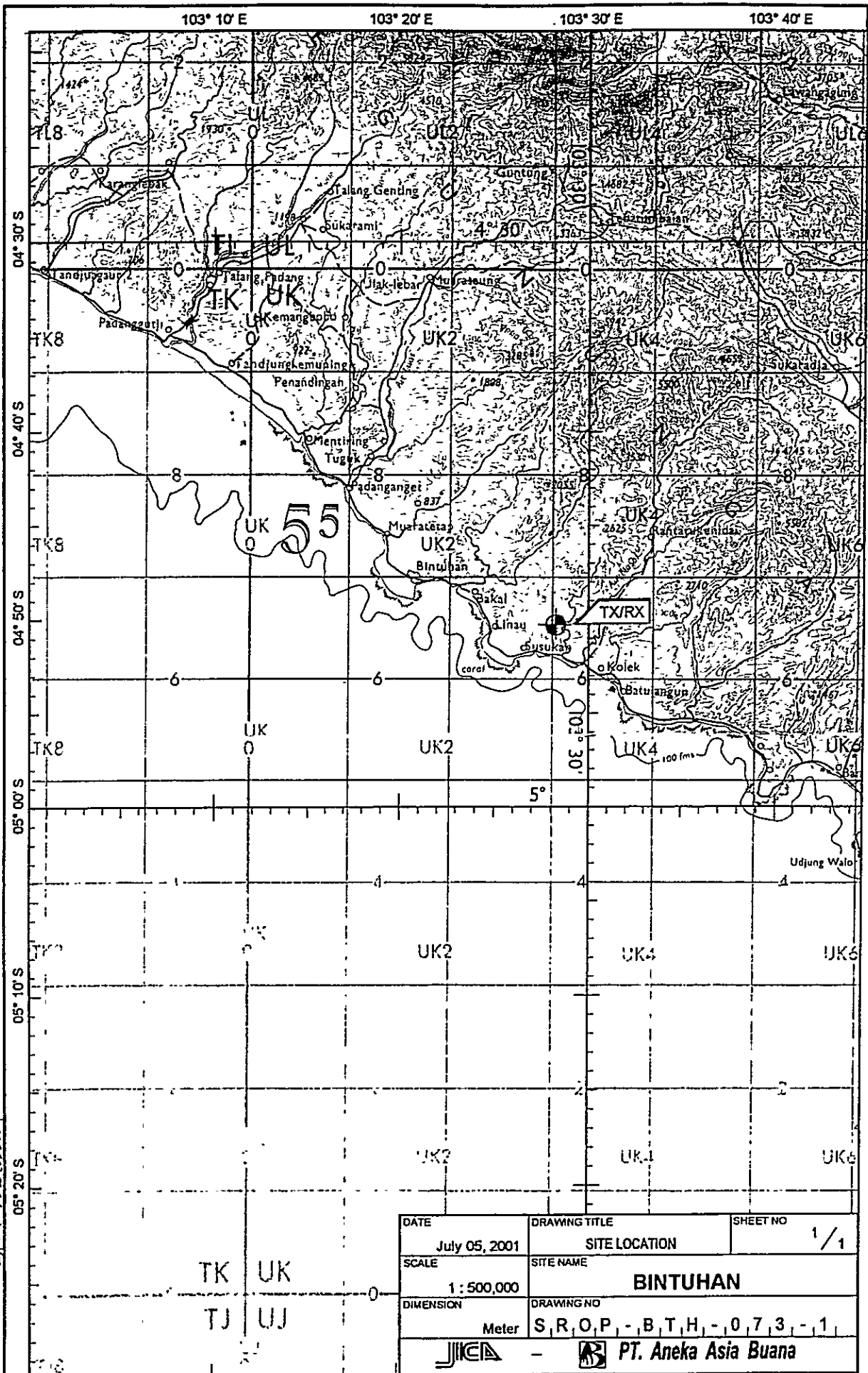
INVENTORY

Site Name: Bintuhan

BTH-073-(1/1)

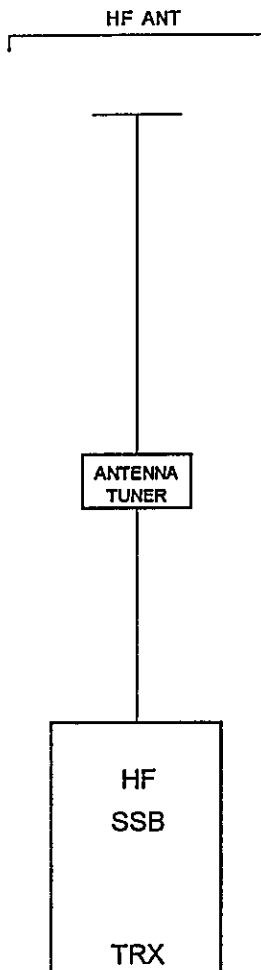
No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1	1	Transmitter MF/HF Transceiver	IC-M700		ICOM				Good
1-2	1	Antenna Selector Automatic Antenna Tuner	AT-120		ICOM				Good
2		Power Supply Equipment							
2-1	1	UPS & AVR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

Tanjung Priok



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



DATE	DRAWING TITLE	SHEET NO
July 05, 2001	SITE LOCATION	1/1
SCALE	SITE NAME	
1 : 500,000	BINTUHAN	
DIMENSION	DRAWING NO	
Meter	S, R, O, P, - B, T, H, - 0, 7, 3, - 1	
- PT. Aneka Asia Buana		



LEGEND

- ANT : ANTENNA
- HF : HIGH FREQUENCY
- TRX : TRANSCIVER (ING)

APPROVED BY JICA
 DRAWN BY AAB

DATE Sept 24, 2001	DRAWING TITLE SYSTEM BLOCK DIAGRAM	SHEET NO 1/1
SCALE No Scale	SITE NAME BINTUHAN	
DIMENSION Milimeter	DRAWING NO S,R,O,P,-,B,T,H,-,0,7,3,-,5,	
 -  PT. Aneka Asia Buana		

PLN LINE
220V, 1Ø, 2W



TO RADIO
EQUIPMENT

DRAWN BY AAB.
APPROVED BY JICA

DATE Sept 24, 2001	DRAWING TITLE POWER BLOCK DIAGRAM	SHEET NO 1/1
SCALE No Scale	SITE NAME BINTUHAN	
DIMENSION Milimeter	DRAWING NO S,R,O,P,-,B,T,H,-,0,7,3,-,6	
JICA - PT. Aneka Asia Buana		

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

4th-B Class Coast Station Krue (Coast Station No. 74)

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	KRUE		
	CLASS	4th-B	NO.	74

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Pelabuhan Krue			103° 56' 00" E	05° 10' 40" S

2. GENERAL CONDITIONS					
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population
By Air	to Beranti [Taking time: 0.30 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input type="checkbox"/> Hotel	
By Car	to Krue [Taking time: 6:00 hr.]	<input type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input checked="" 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 type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	<input type="checkbox"/> Flood	Yes	No
<input checked="" 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 type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input checked="" type="checkbox"/> Sandy			<input type="checkbox"/>	<input type="checkbox"/> Lightning system
Altitude	M		Telephone Lines	<input type="checkbox"/>	<input type="checkbox"/> Feeder Cable Way
Land area	m²		<input type="checkbox"/> Lines	<input 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	V	Good	Bad
Structure	Concrete	Phase		<input type="checkbox"/>	<input checked="" type="checkbox"/> Power Supply System
Type of roof	Asbestos	Wire		<input type="checkbox"/>	<input checked="" type="checkbox"/> Operations of E/G
Type of ceiling	Triplex	kVA		<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	Liter
Flooring	PVC	Availability of power per day	Hours	Main tank	k Liter
Room Area (m²)		Power interruption /month		E/G Stand-by System	
Operation room	60.00	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				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 checked="" type="checkbox"/>	<input type="checkbox"/> External noises	Total				
<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 COAST STATION	SITE	KRUE		
	CLASS	4th-B	NO.	74

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			

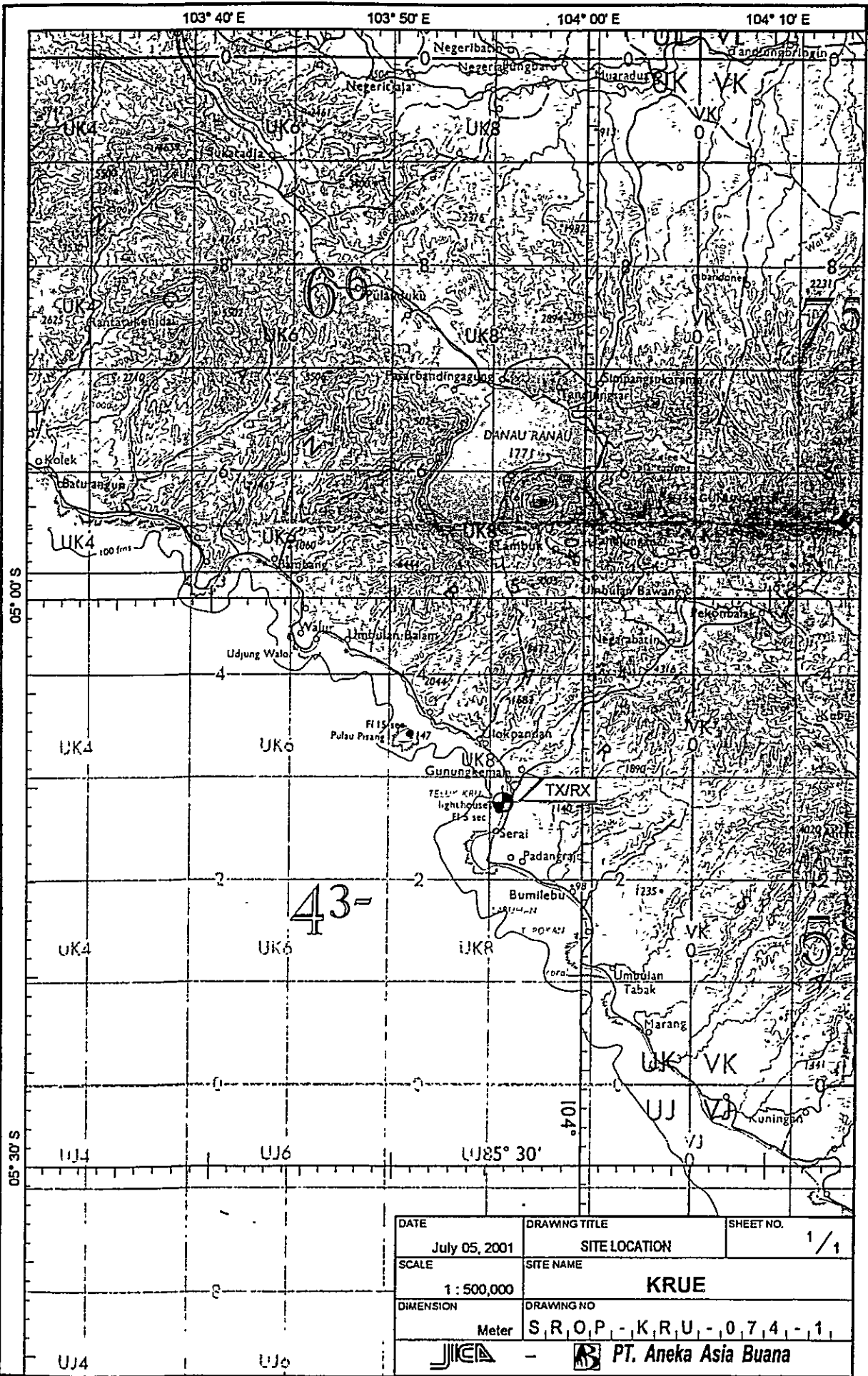
7. COMMENTS	
Suggestion	
Remarks	Operated by Kanpel Staff

INVENTORY

Site Name: Krue

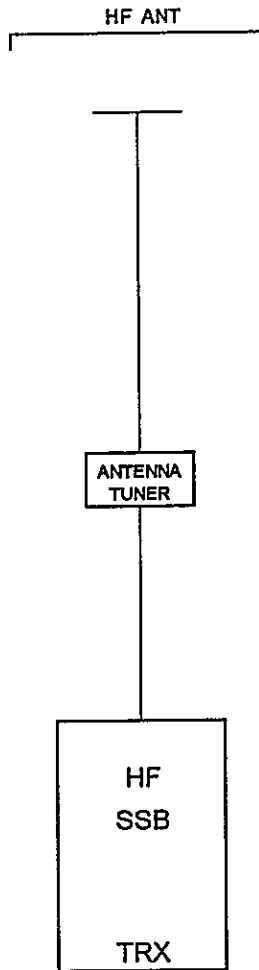
KRU-074- (1 / 1)

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		ICOM				Good
1-2	1	Antenna Selector Automatic Antenna Tuner	AT-120		ICOM				Good
2		Power Supply Equipment							
2-1	1	UPS & AVR Power Supply							Good



APPROVED BY JICA:
 DRAWN BY AAB:

DATE	DRAWING TITLE	SHEET NO.
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 500,000	KRUE	
DIMENSION	DRAWING NO	
Meter	S.R.O.P - K.R.U - 0.7.4 - 1	



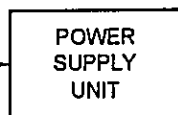
LEGEND

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

DRAWN BY AAB
 APPROVED BY JCA.
[Signature]

DATE Sept 24, 2001	DRAWING TITLE SYSTEM BLOCK DIAGRAM	SHEET NO 1 / 1
SCALE No Scale	SITE NAME KRUE	
DIMENSION Milimeter	DRAWING NO S, R, O, P, -, K, R, U, -, 0, 7, 4, -, 5,	
- PT. Aneka Asia Buana		

PLN LINE
220V, 1Ø, 2W



TO RADIO
EQUIPMENT

DRAWN BY AAB
APPROVED BY JICA
[Signature]

DATE	Sept 24, 2001	DRAWING TITLE	POWER BLOCK DIAGRAM	SHEET NO	1 / 1
SCALE	No Scale	SITE NAME KRUE			
DIMENSION	Milimeter	DRAWING NO S, R, O, P, - K, R, U, - 0, 7, 4, - 6, 1			
		PT. Aneka Asia Buana			

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

**4th-B Class Coast Station
Kota Agung
(Coast Station No. 75)**

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	KOTA AGUNG		
	CLASS	4th-B	NO.	75

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX				104° 36' 50" E	05° 29' 30" S

2. GENERAL CONDITIONS				
Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
By Air to Beranti [Taking time: 0.30 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	
By Car to Kota Agung [Taking time: 5.00 hr.]	<input checked="" type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input type="checkbox"/> Motel	
	<input type="checkbox"/> Unpaved road	<input checked="" 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 type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	<input type="checkbox"/> Flood	Yes No
<input checked="" type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input type="checkbox"/> Flood Tide	<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"/> 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 checked="" 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 type="checkbox"/> City water

3.2 Building Conditions	3.3 Power Source			
Constructions	Voltage	PLN Source	E/G	Existing Power Conditions
Num. of story	V	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	
<input type="checkbox"/> Heavy rainfall	Administrator
<input type="checkbox"/> Storm	T o t a l
<input type="checkbox"/> Lightning	
<input type="checkbox"/> Other calamity	
Environmental Conditions	
<input type="checkbox"/> Good	<input type="checkbox"/> Bad
<input checked="" type="checkbox"/> External noises	
<input checked="" type="checkbox"/> Air pollution	
Institutional and Human Statuses	
1 Budget	<input type="checkbox"/> Sufficient <input type="checkbox"/> Reasonable <input type="checkbox"/> Insufficient
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
Training Record	
	Course Class Location Period Trainee

SUMMARY OF COAST STATION	SITE	KOTA AGUNG		
	CLASS	4th-B	NO.	75

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	Operated by Kanpel Staff

INVENTORY

Site Name: Kota Agung

KTA-075- (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		ICOM				Good
1-2	1	Antenna Selector Automatic Antenna Tuner	AT-120		ICOM				Good
2		Power Supply Equipment							
2-1	1	UPS & AVR Power Supply							Good

KTA-075-(1/1)

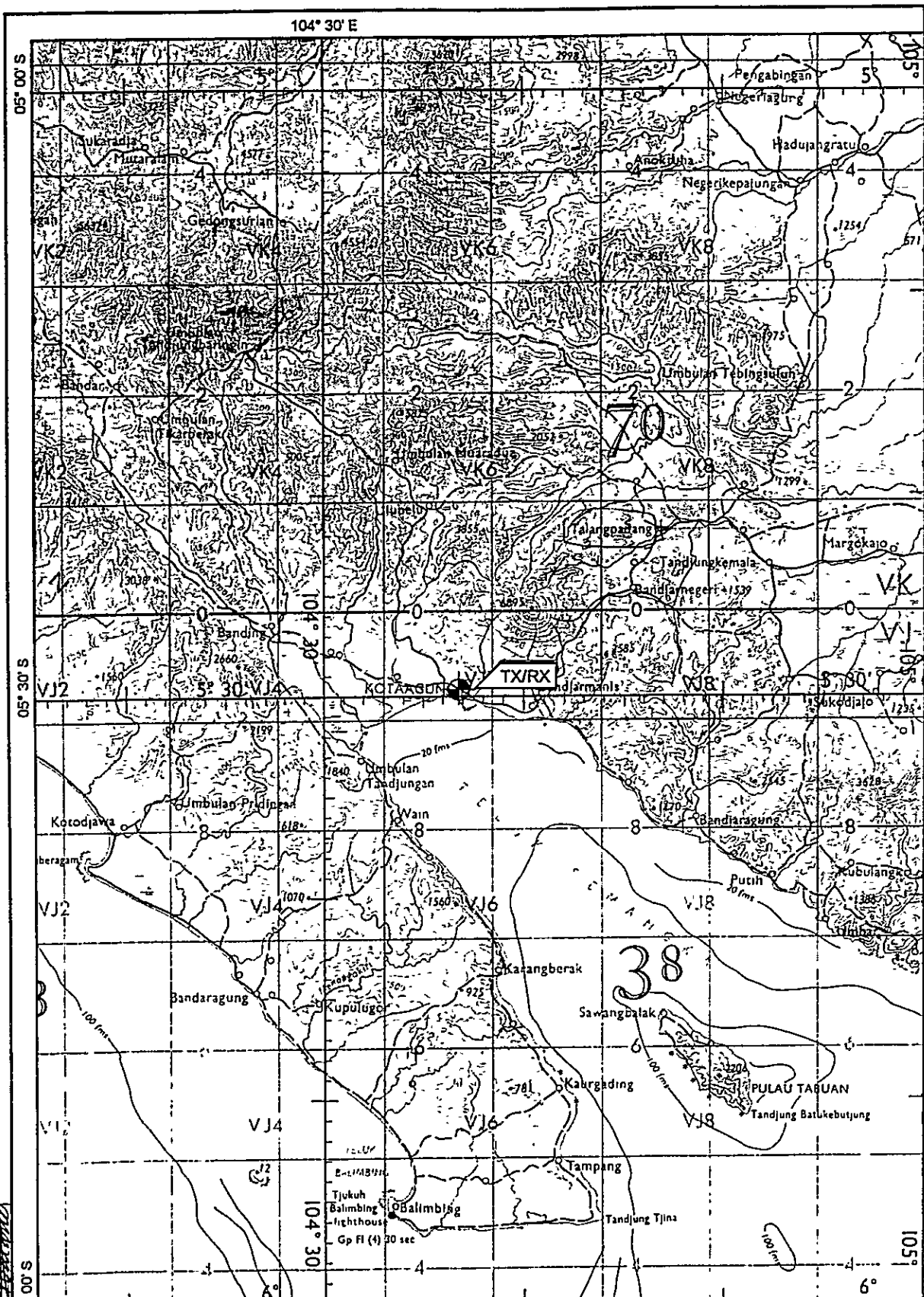
Site Name: Kota Agung

OPERATION SCHEDULE (FREQUENCIES)

Call Sign : Mobile Service :

Fix Service :

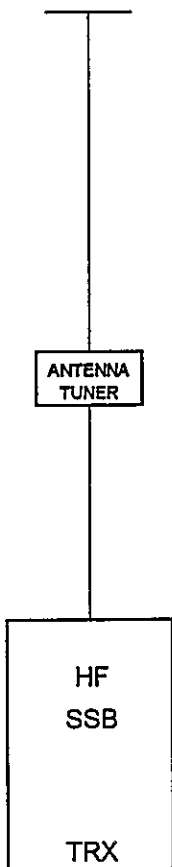
	FREQUENCY (kHz)	EMISSION	POWER (W)	UTC																								REMARK																	
				01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																		
Fix Service																																													
1	4 446,5	J3E	50	█	█	█	█	█																																					
2	5 381,5	J3E	50	█	█	█	█	█																																					
3																																													
4																																													
5																																													
6																																													
7																																													
8																																													
9																																													
10																																													
11																																													
12																																													
13																																													
14																																													
15																																													
16																																													
17																																													
18																																													
19																																													
20																																													
21																																													
22																																													
23																																													
24																																													
25																																													
26																																													
27																																													



DRAWN BY AAR
 APPROVED BY JICA: *[Signature]*

DATE	DRAWING TITLE	SHEET NO
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 500,000	KOTA AGUNG	
DIMENSION	DRAWING NO	
Meter	S, R, O, P - K, T, A, - 0, 7, 5 - 1, 1	
- PT. Aneka Asia Buana		

HF ANT



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

LEGEND

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

DATE	Sept 24, 2001	DRAWING TITLE	SYSTEM BLOCK DIAGRAM	SHEET NO	1 / 1
SCALE	No Scale	SITE NAME KOTA AGUNG			
DIMENSION	Milimeter	DRAWING NO S, R, O, P, -, K, T, A, -, 0, 7, 5, -, 5,			
		PT. Aneka Asia Buana			

PLN LINE
220V, 1Ø, 2W



TO RADIO
EQUIPMENT

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

DATE Sept 24, 2001	DRAWING TITLE POWER BLOCK DIAGRAM	SHEET NO 1/1
SCALE No Scale	SITE NAME KOTA AGUNG	
DIMENSION Milimeter	DRAWING NO. S, R, O, P, -, K, T, A, -, 0, 7, 5, -, 6, 1	
JICA - PT. Aneka Asia Buana		

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

4th-B Class Coast Station Mesuji (Coast Station No. 76)

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	MESUJI		
	CLASS	4th-B	NO.	76

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX				105° 49' 28" E	04° 08' 07" S

2. GENERAL CONDITIONS					
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population
By Air	to Beranti [Taking time 0:30 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input type="checkbox"/> Hotel	
By Car	to Mesuji [Taking time 8.00 hr.]	<input checked="" type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input checked="" type="checkbox"/> Motel	
		<input type="checkbox"/> Unpaved road	<input checked="" 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
<input type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	<input type="checkbox"/> Flood
<input checked="" type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input type="checkbox"/> Flood Tide
<input type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rocky	<input type="checkbox"/> Rain Leakage
<input type="checkbox"/> Basin	<input checked="" type="checkbox"/> Clay		<input type="checkbox"/> Ground Subsidence
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy		
Altitude	M		Telephone Lines
Land area	m ²		<input type="checkbox"/> Lines

3.2 Building Conditions		3.3 Power Source		
Constructions		PLN Source	E/G	Existing Power Conditions
Num. of story		Voltage	V	Good Bad
Structure		Phase		<input checked="" type="checkbox"/> <input type="checkbox"/> Power Supply System
Type of roof		Wire		<input type="checkbox"/> <input type="checkbox"/> Operations of E/G
Type of ceiling		kVA		<input type="checkbox"/> <input type="checkbox"/> Operations of AVR
Type of wall		Quality of PLN source		Capacity of fuel for engine
Wall finish		Fluctuations	V ± %	Day tank
Flooring		Availability of power per day	Hours	Main tank
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				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				
<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				
<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	MESUJI		
	CLASS	4th-B	NO.	76

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			

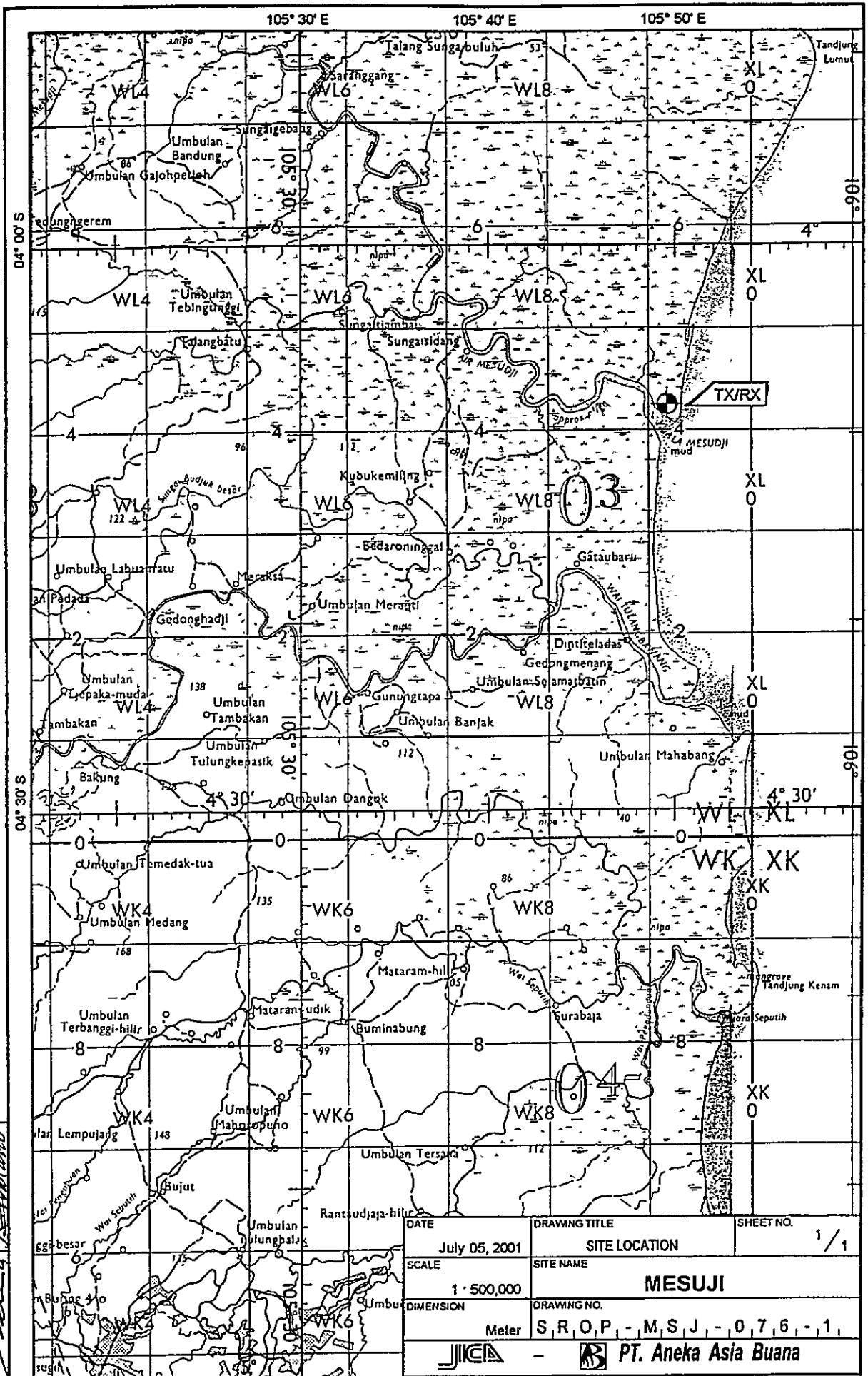
7. COMMENTS	
Suggestion	
Remarks	Operated by Kanpel Staff



INVENTORY



Site Name: Mesuji

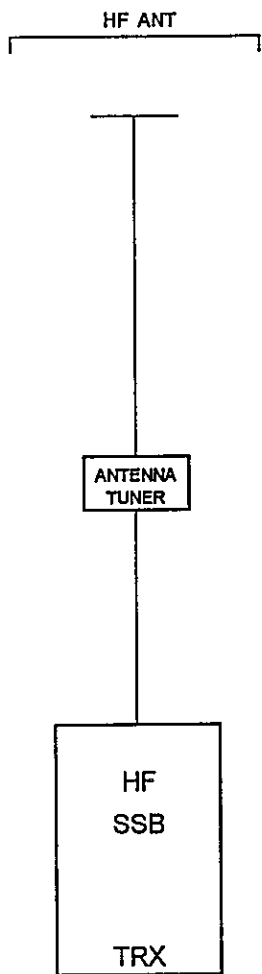
MSJ-076- (1 / 1)

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		ICOM				Good
1-2	1	Antenna Selector Automatic Antenna Tuner	AT-120		ICOM				Good
2		Power Supply Equipment							
2-1	1	UPS & AVR Power Supply							Good



APPROVED BY JICA: 
 DRAWN BY ASB: 

DATE	July 05, 2001	DRAWING TITLE	SITE LOCATION	SHEET NO.	1 / 1
SCALE	1 : 500,000	SITE NAME	MESUJI		
DIMENSION	Meter	DRAWING NO.	S R O P - M S J - 0 7 6 - 1		
		 PT. Aneka Asia Buana			



DRAWN BY AAB
 APPROVED BY JICA.

LEGEND

ANT : ANTENNA
 HF : HIGH FREQUENCY
 TRX : TRANSCEIVER (ING)

DATE Sept 24, 2001	DRAWING TITLE SYSTEM BLOCK DIAGRAM	SHEET NO. 1 / 1
SCALE No Scale	SITE NAME MESUJI	
DIMENSION Milimeter	DRAWING NO S, R, O, P, - M, S, J, - 0, 7, 6, - 5,	
- PT. Aneka Asia Buana		

PLN LINE
220V, 1Ø, 2W

POWER
SUPPLY
UNIT

TO RADIO
EQUIPMENT

APPROVED BY JICA

DRAWN BY A.A.B.

DATE	Sept 24, 2001	DRAWING TITLE	POWER BLOCK DIAGRAM	SHEET NO	1/1
SCALE	No Scale	SITE NAME MESUJI			
DIMENSION	Millimeter	DRAWING NO S, R, O, P, -, M, S, J, -, 0, 7, 6, -, 6, 1			
		JICA - PT. Aneka Asia Buana			

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

4th-B Class Coast Station Way Seputih (Coast Station No. 77)

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	WAY SEPUTIH		
	CLASS	4th-B	NO.	77

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Pelabuhan Way Seputih			105° 51' 53" E	04° 41' 23" S

2. GENERAL CONDITIONS					
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population
By Air	to Beranti [Taking time: 0:30 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input type="checkbox"/> Hotel	
By Car	to Way Seputih [Taking time: 6:00 hr.]	<input checked="" type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input checked="" type="checkbox"/> Motel	
		<input type="checkbox"/> Unpaved road	<input checked="" 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	Yes No
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input checked="" type="checkbox"/> <input type="checkbox"/> Antenna
<input type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rocky	<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	M	Telephone Lines	<input checked="" type="checkbox"/> <input 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	Good Bad
Structure	Phase		<input checked="" type="checkbox"/> <input type="checkbox"/> Power Supply System
Type of roof	Wire		<input type="checkbox"/> <input type="checkbox"/> Operations of E/G
Type of ceiling	kVA		<input type="checkbox"/> <input type="checkbox"/> Operations of AVR
Type of wall	Quality of PLN source		Capacity of fuel for engine
Wall finish	Fluctuations	V ± %	Day tank
Flooring	Availability of power per day	Hours	Main tank
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	
<input type="checkbox"/> Heavy rainfall	Administrator
<input type="checkbox"/> Storm	Good Bad
<input type="checkbox"/> Lightning	<input checked="" type="checkbox"/> <input type="checkbox"/> External noises
<input type="checkbox"/> Other calamity	<input checked="" type="checkbox"/> <input type="checkbox"/> Air pollution
Institutional and Human Statuses	
1 Budget	<input type="checkbox"/> Sufficient <input type="checkbox"/> Reasonable <input type="checkbox"/> Insufficient
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
Training Record	
	Course Class Location Period Trainee

SUMMARY OF COAST STATION	SITE	WAY SEPUTIH		
	CLASS	4th-B	NO.	77

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			

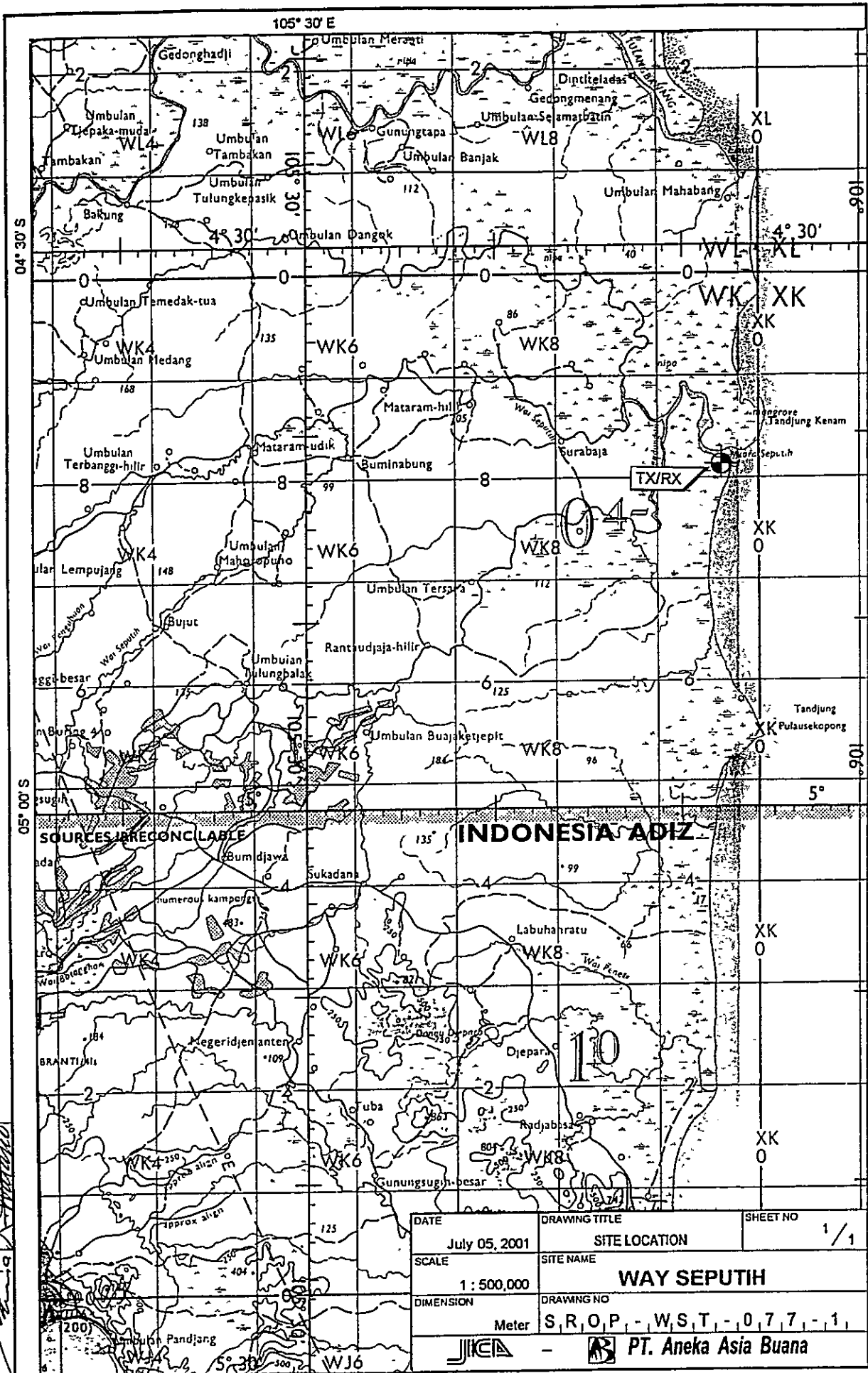
7. COMMENTS	
Suggestion	
Remarks	Owned and operated by Kanpel

INVENTORY

Site Name: Way Seputih

WST-077- (1 / 1)

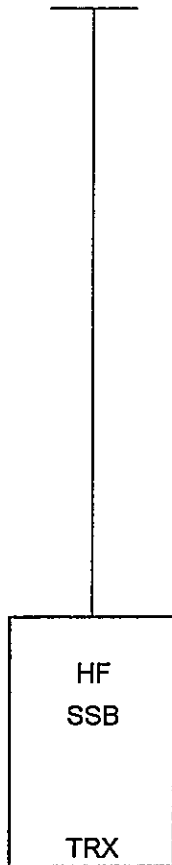
No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1	1	Transmitter MF/HF Transceiver	IC-M700		ICOM				Good
1-2	1	Antenna Selector Automatic Antenna Tuner	AT-120		ICOM				Good
2		Power Supply Equipment							
2-1	1	UPS & AVR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



DRAWN BY AAR
 APPROVED BY JICA

DATE	DRAWING TITLE	SHEET NO
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 500,000	WAY SEPUTIH	
DIMENSION	DRAWING NO	
Meter	S, R, O, P, - W, S, T, - 0, 7, 7, - 1,	

HF ANT



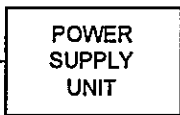
DRAWN BY AAB
APPROVED BY JICA:
[Signature]

LEGEND

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

DATE	Sept 24, 2001	DRAWING TITLE	SYSTEM BLOCK DIAGRAM	SHEET NO	1/1
SCALE	No Scale	SITE NAME			
		WAY SEPUTIH			
DIMENSION	Millimeter	DRAWING NO			
		S, R, O, P, - W, S, T, - 0, 7, 7, - 5,			
		PT. Aneka Asia Buana			

PLN LINE
220V, 1Ø, 2W



TO RADIO
EQUIPMENT

APPROVED BY JICA:

DRAWN BY AAB:

DATE Sept 24, 2001	DRAWING TITLE POWER BLOCK DIAGRAM	SHEET NO 1/1
SCALE No Scale	SITE NAME WAY SEPUTIH	
DIMENSION Milimeter	DRAWING NO S,R,O,P,-,W,S,T,-,0,7,7,-,6,	
JICA - PT. Aneka Asia Buana		

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

4th-B Class Coast Station Anyer (Coast Station No. 78)

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	ANYER		
	CLASS	4th-B	NO.	78

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Jl. Pelabuhan Paku, Anyer	0254-601407		105° 55' 22" E	06° 02' 50" S

2. GENERAL CONDITIONS					
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population
By Car	to Anyer [Taking time: 5.00 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 checked="" 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 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	63.30 M	Telephone Lines	<input checked="" type="checkbox"/> <input type="checkbox"/> Feeder Cable Way
Land area	5,440 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	Concrete	Phase	1	<input checked="" type="checkbox"/> <input type="checkbox"/> Power Supply System	
Type of roof	Asbestos	Wire	2	<input type="checkbox"/> <input type="checkbox"/> Operations of E/G	
Type of ceiling	Plasterboard	kVA	1,3	<input 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	2 Times	E/G Stand-by System	
Operation room	4.50	Total interpt. hours /month	4 Hours	<input type="checkbox"/> Single System	
E / G room		Max. interpt. hours at once	6 Hours	<input type="checkbox"/> Dual System	
Remark					

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS				
Actions taken in equipment failure				TX/RX				
Restoration flow				Chief				
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	Total 1				
<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 Statures				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	ANYER		
	CLASS	4th-B	NO.	78

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	Band pass isn't good, its make trouble for the equipment. Suggested to have owned building/office.
Remarks	Operated by Kanpel Staff

INVENTORY

Site Name: Anyer

ANY-078- (1 / 1)

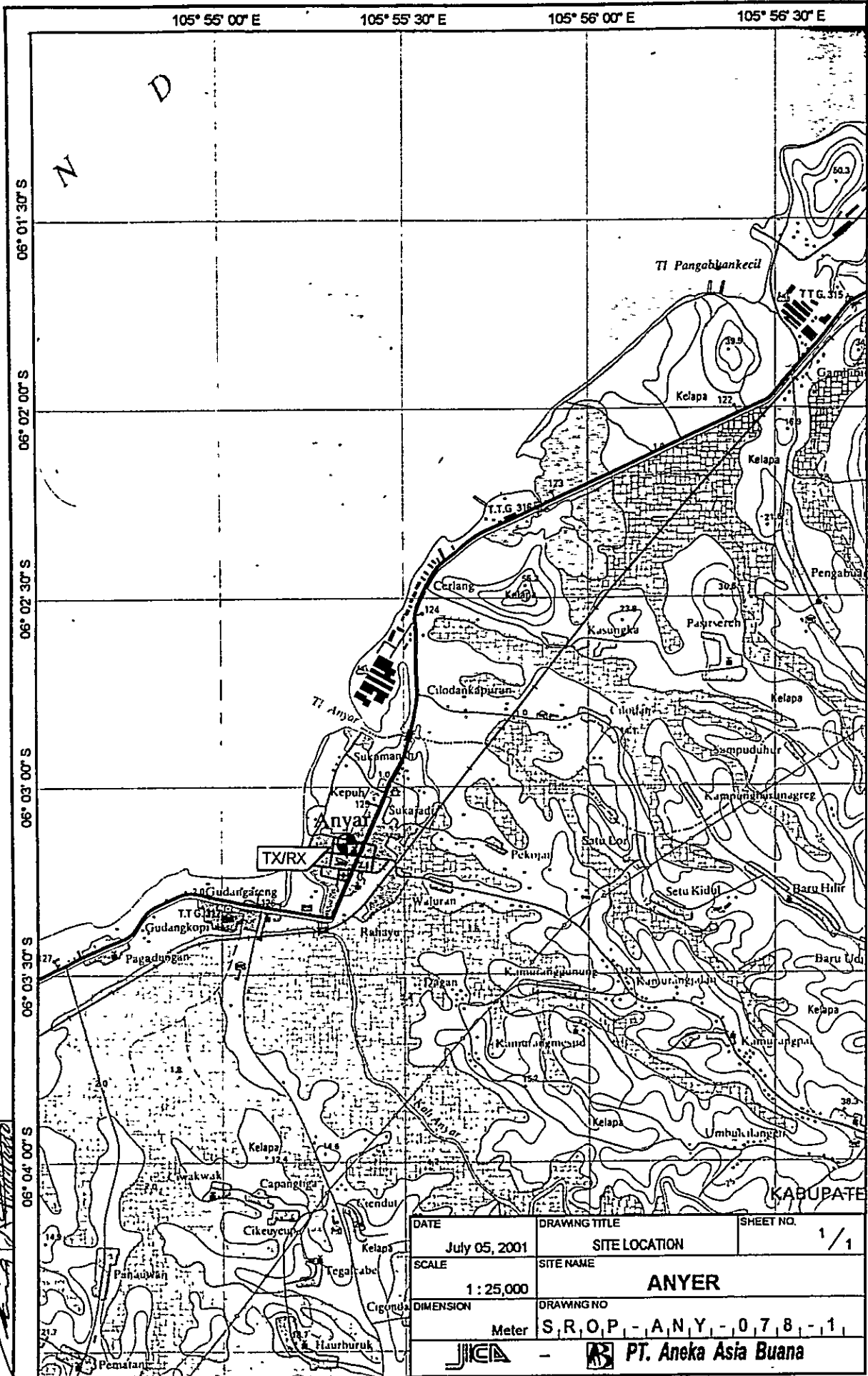
No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		Transmitter							
1		MF/HF Transmitter	IC-M700	5951	ICOM	1994			Good
1-2		VHF System							
1		VHF Transceiver	Spilsbury		japan	1994			Good
1-2		Antenna Selector							
1		Automatic Antenna Tuner	AT-120		Japan				Good
2		Power Supply Equipment							
2-1		UPS & AVR							
1		Power Supply							Good
2		Power Supply	NPS-81		Dakai				Good

STATUS OF TROUBLES

SITE NAME : ANYER

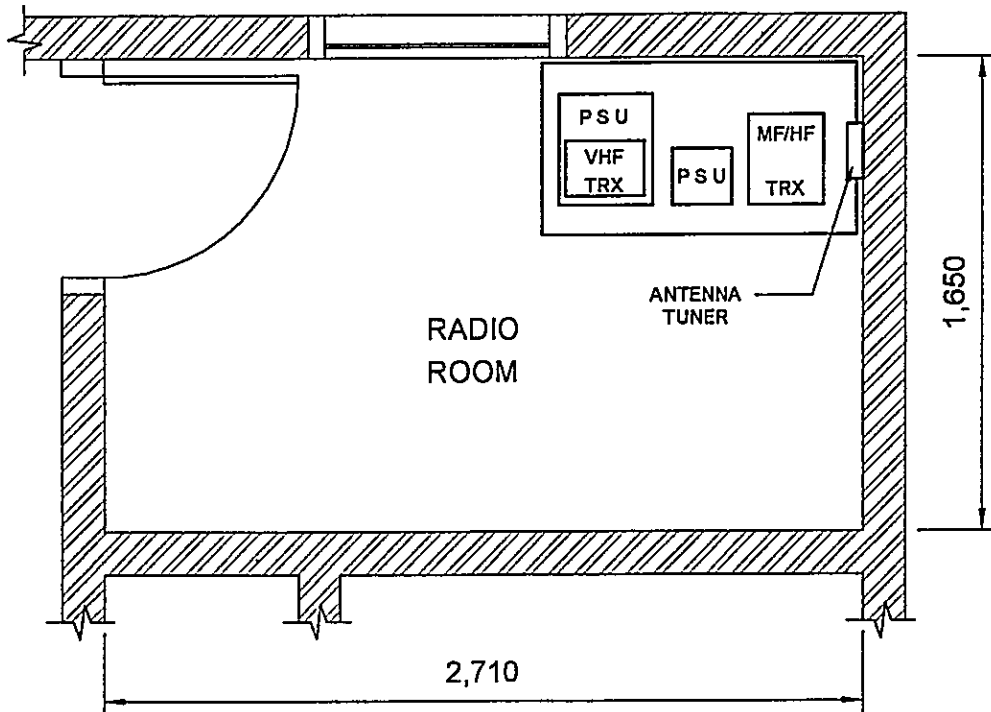
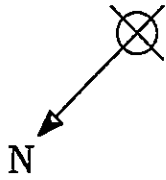
ANY-78-(1/1)

Item / Equipment	Transceiver / Spilsbury		
Manufacturer	Japan		
Manufacturer in year	-		
Defective panel / unit	VHF		
Details of Trouble Status	Cause doe to:	Urgency of Repair	
	<input checked="" type="checkbox"/> Aging		Repairing to be:
	<input type="checkbox"/> Lightning		<input checked="" type="checkbox"/> Immediacy
	<input type="checkbox"/> Corrosion		<input type="checkbox"/> By next year budget
	<input type="checkbox"/> Lack of Spares		<input type="checkbox"/> By next project
<input type="checkbox"/> Others	<input type="checkbox"/> Unnecessary		
<u>General Comment for Maintenance:</u>			
Request for the new one, because of low emission (only 3 Channels : 12, 13, 16)			



DRAWN BY AAB
 APPROVED BY JICA

DATE	DRAWING TITLE	SHEET NO.
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 25,000	ANYER	
DIMENSION	DRAWING NO	
Meter	S, R, O, P, - A, N, Y, - 0, 7, 8, - 1	

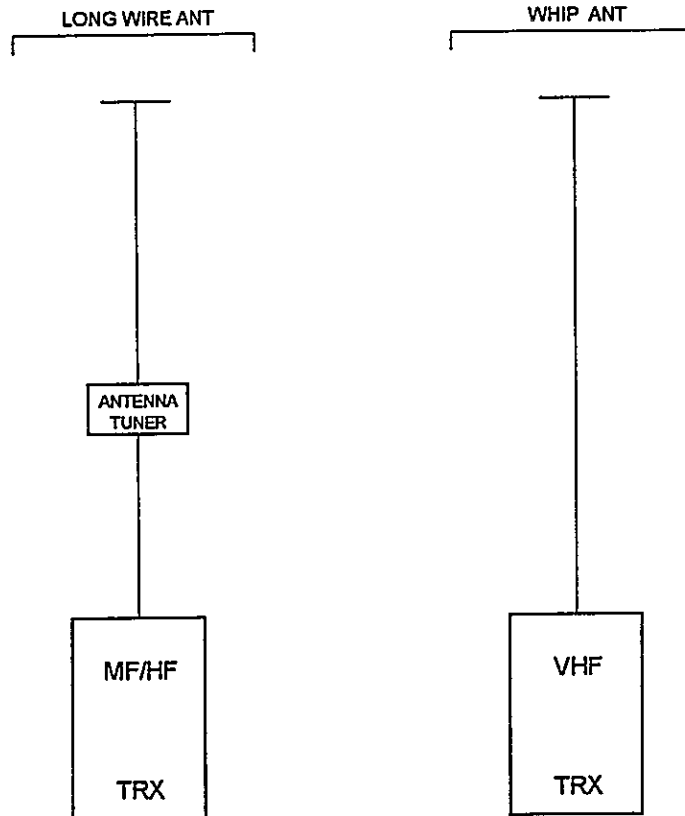


DRAWN BY: AAB
 APPROVED BY: JICA

LEGEND

- HF . HIGH FREQUENCY
- MF . MEDIUM FREQUENCY
- PSU : POWER SUPPLY UNIT
- TRX : TRANSCEIVER (ING)
- VHF . VERY HIGH FREQUENCY



DATE Sept 06, 2001	DRAWING TITLE EQUIPMENT FLOOR LAYOUT	SHEET NO 1 / 1
SCALE 1 : 25	SITE NAME ANYER	
DIMENSION Milimeter	DRAWING NO S, R, O, P, - A, N, Y, - 0, 7, 8, - 3,	

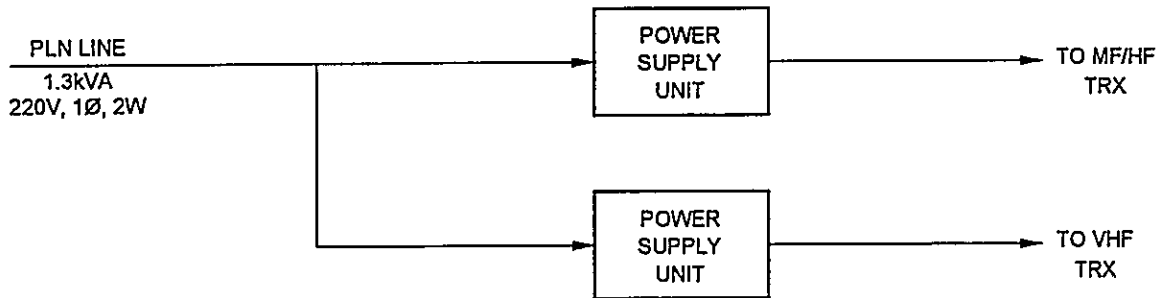


LEGEND

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

DRAWN BY AAB
 APPROVED BY JICA


DATE	DRAWING TITLE	SHEET NO
Sept 06, 2001	SYSTEM BLOCK DIAGRAM	1 / 1
SCALE	SITE NAME	
No Scale	ANYER	
DIMENSION	DRAWING NO.	
Millimeter	S, R, O, P, - A, N, Y, - 0, 7, 8, - 5, 1	
 -  PT. Aneka Asia Buana		



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

LEGEND

- HF HIGH FREQUENCY
- KVA KILO VOLT AMPERE
- MF MEDIUM FREQUENCY
- TRX TRANSCEIVER
- V VOLT
- VHF VERY HIGH FREQUENCY
- W WIRE
- Ø PHASE

DATE	DRAWING TITLE	SHEET NO
Sept 06, 2001	POWER BLOCK DIAGRAM	1 / 1
SCALE	SITE NAME	
No Scale	ANYER	
DIMENSION	DRAWING NO	
Millimeter	S, R, O, P, -, A, N, Y, -, 0, 7, 8, -, 6, 1	
- PT. Aneka Asia Buana		

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

4th-B Class Coast Station Muara Binuangeun (Coast Station No. 79)

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	MUARA BINUANGEUN		
	CLASS	4th-B	NO.	79

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Jl. Karang Malang No. 59, Binuangeun			105° 53' 01.5" E	06° 50' 18.9" S

2. GENERAL CONDITIONS				
Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
By Car to MRB [Taking time: 7.00 hr.]	<input type="checkbox"/> Highway	<input 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 checked="" 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"/> Flood	Yes No
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Flood Tide	<input checked="" type="checkbox"/> Antenna
<input 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 checked="" type="checkbox"/> Lightning system
Altitude	113.60 M	Telephone Lines	<input checked="" type="checkbox"/> Feeder Cable Way
Land area	300.00 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	One	Voltage	220 V	Good Bad	
Structure	Concrete	Phase	1	<input type="checkbox"/>	<input checked="" type="checkbox"/> Power Supply System
Type of roof	Asbestos	Wire	2	<input type="checkbox"/>	<input type="checkbox"/> Operations of E/G
Type of ceiling	Triplex	kVA	0.9	<input type="checkbox"/>	<input type="checkbox"/> Operations of AVR
Type of wall	Mortar	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	30 Times	E/G Stand-by System	
Operation room	15.00	Total interpt. hours /month	1.5 Hours	<input type="checkbox"/>	Single System
E / G room		Max. interpt hours at once	24 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				
Examples of major failure				Operator (skilled)	1	0	0	
Sufficiency of spares				Technician (skilled)	0	0	0	
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	1		
<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 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 type="checkbox"/> Skilled	<input checked="" type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					

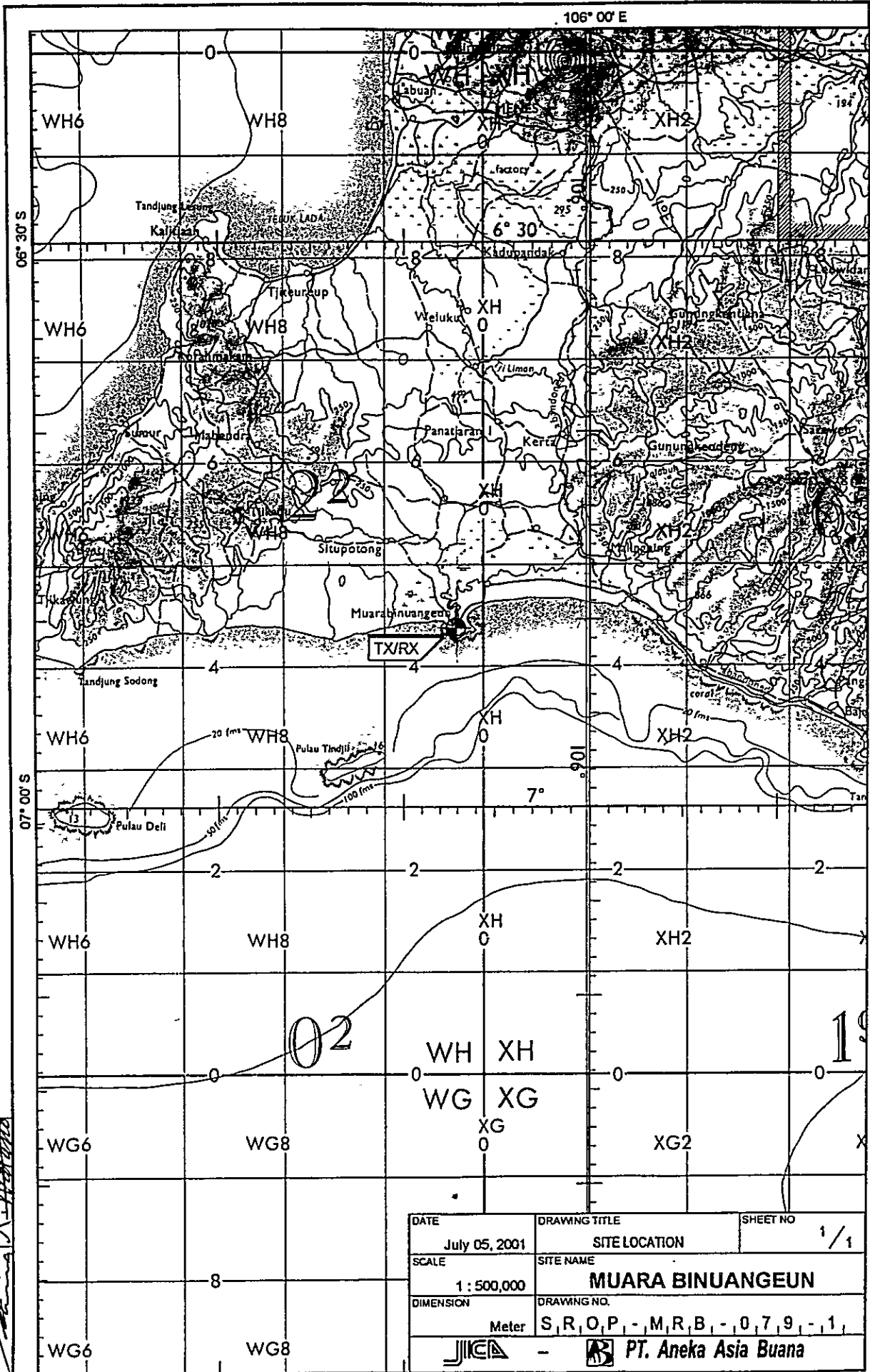
SUMMARY OF COAST STATION					SITE	MUARA BINUANGEUN						
					CLASS	4th-B	NO.	79				
6. STATISTICAL COMMUNICATION TRAFFIC DATA												
Maritime Safety					Public Telecommunication Service							
Years	TG	TEL	DSC	NBDP	Years	Telephone		TG Call	Years	Telephone		TG Call
						Call	Minute			Call	Minute	
1996					1991				1996			
1997					1992				1997			
1998					1993				1998			
1999					1994				1999			
2000					1995				2000			
7. COMMENTS												
Suggestion		Request for Antenna Long Wire. Request for repairing of damaged equipment.										
Remarks		Operated by Kanpel Staff										

INVENTORY

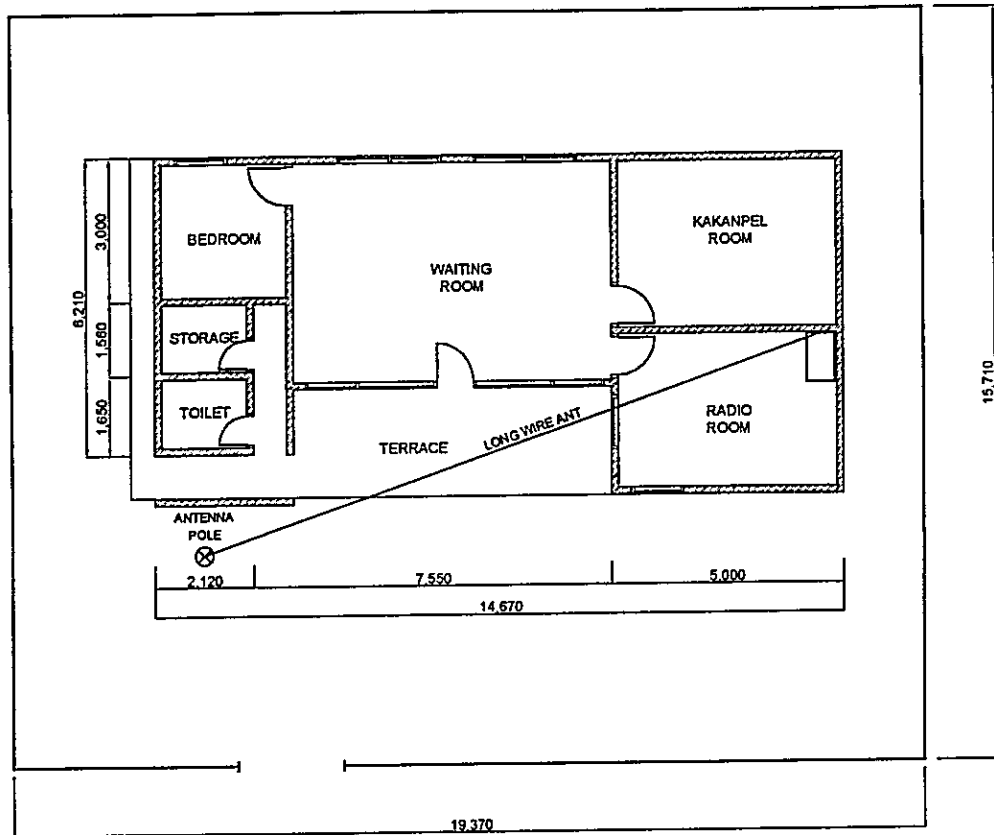
Site Name: Muara Binuangeun

MRB-079- (1 / 1)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		Transmitter							
1		MF/HF Transmitter	IC-M700	6188	ICOM	1993			Damaged
2		MF/HF Transmitter		FC-300C	Yaesu				Damaged
2		Other							
1		Typewriter	Oliverti			1995			Good



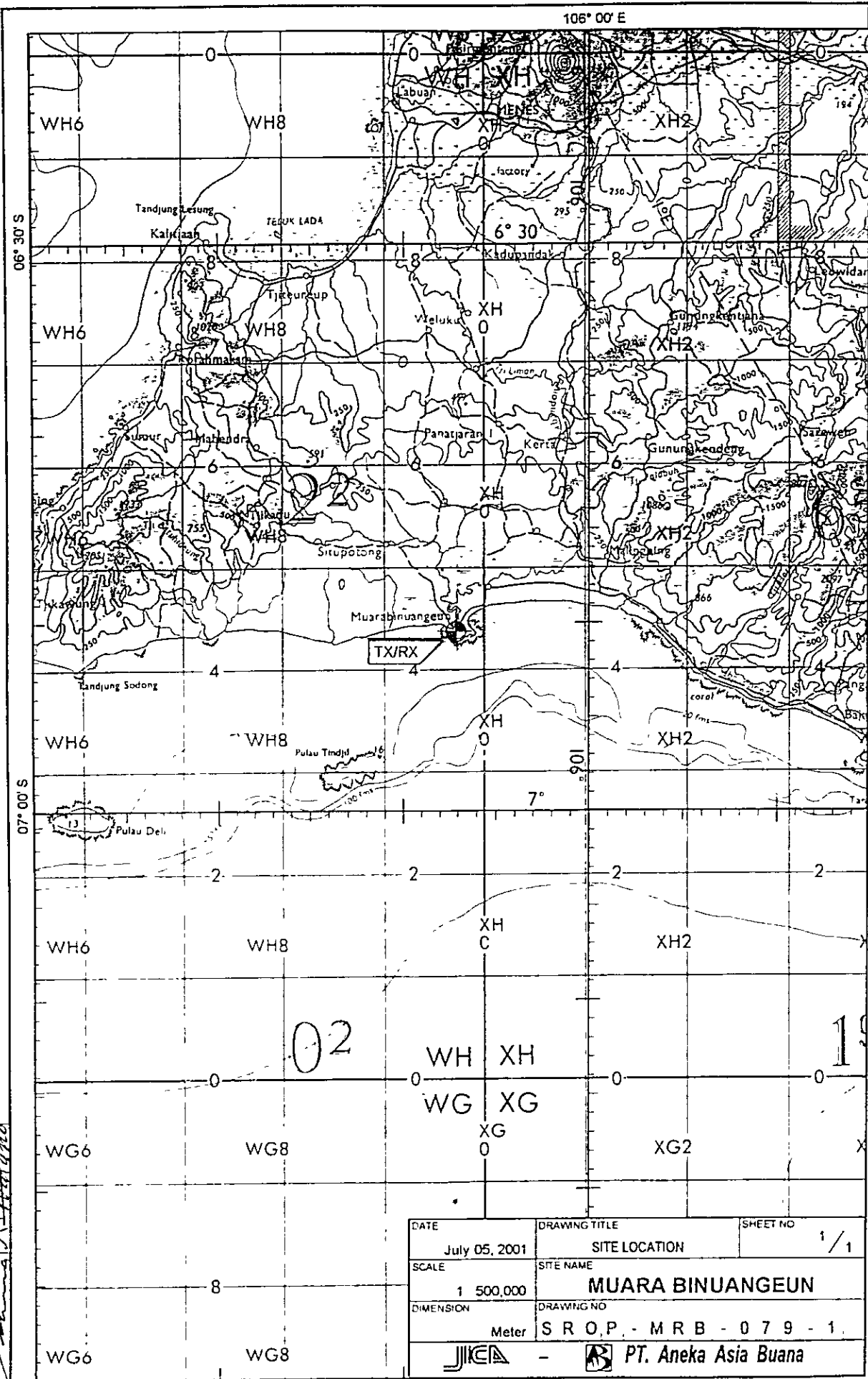
DRAWN BY AAB
 APPROVED BY JICA



DRAWN BY AAB

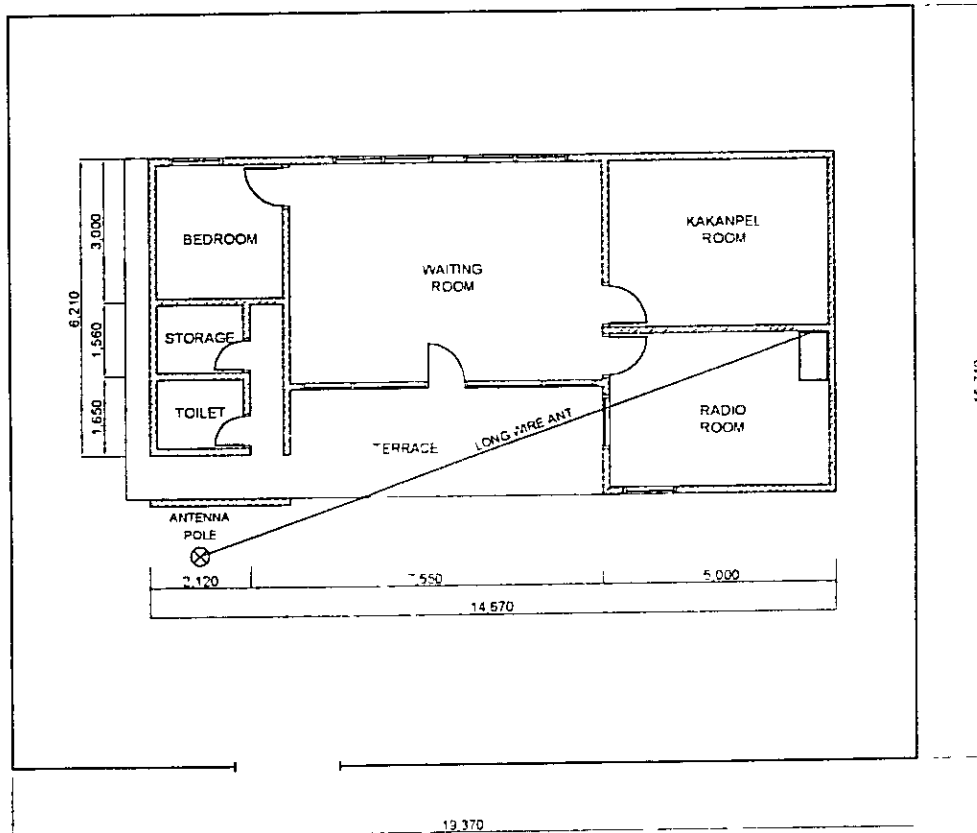
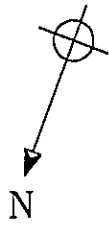
APPROVED BY JICA

DATE Sept 06, 2001	DRAWING TITLE ANTENNA LAYOUT	SHEET NO 1 / 1
SCALE 1 : 150	SITE NAME MUARA BINUANGEUN	
DIMENSION Milimeter	DRAWING NO. S R O P - M R B - 0 7 9 - 2 1	
- PT. Aneka Asia Buana		





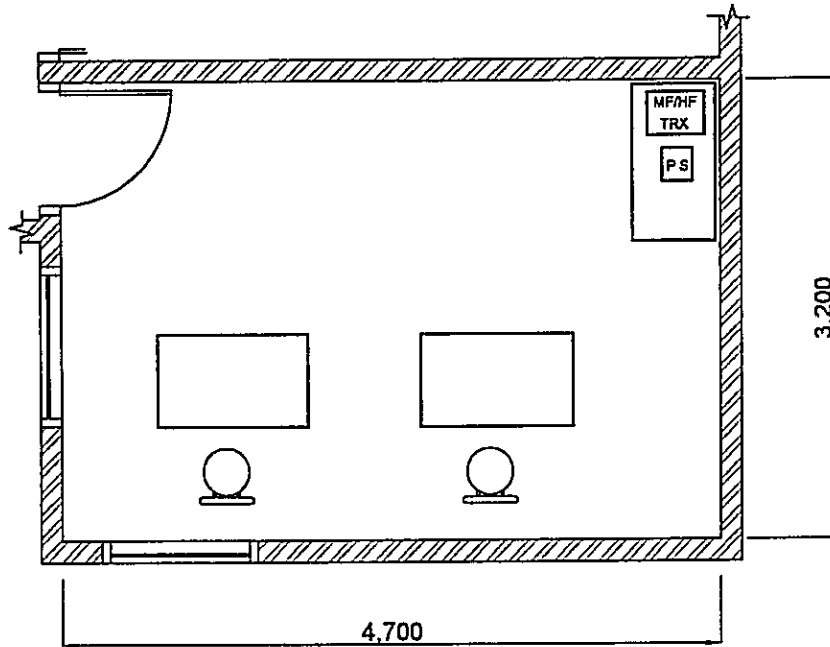
DRAWN BY AAB
APPROVED BY JICA

DATE	DRAWING TITLE	SHEET NO
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 500,000	MUARA BINUANGEUN	
DIMENSION	DRAWING NO	
Meter	S R O P . - M R B - 0 7 9 - 1 .	
JICA	PT. Aneka Asia Buana	





DRAWN BY AAB
 APPROVED BY JICA



DATE	DRAWING TITLE	SHEET NO
Sept 06 2001	ANTENNA LAYOUT	1 / 1
SCALE	SITE NAME	
1 : 150	MUARA BINUANGEUN	
DIMENSION	DRAWING NO	
Milimeter	S R O P - M R B - 0 7 9 - 2	
 -  PT. Aneka Asia Buana		



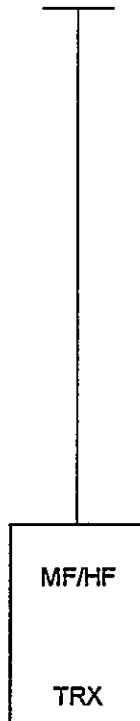
LEGEND

- HF : HIGH FREQUENCY
- MF : MEDIUM FREQUENCY
- PS : POWER SUPPLY
- TRX : TRANSCEIVER (ING)

APPROVED BY JICA: 
 DRAWN BY AAB: 

DATE	DRAWING TITLE	SHEET NO
Sept 06, 2001	EQUIPMENT FLOOR LAYOUT	1/1
SCALE	SITE NAME	
1 : 50	MUARA BINUANGEUN	
DIMENSION	DRAWING NO	
Milimeter	S, R, O, P, - , M, R, B, - , 0, 7, 9, - , 3,	
 -  PT. Aneka Asia Buana		

LONG WIRE ANT



DRAWN BY AAB
APPROVED BY JICA

LEGEND

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

DATE Sept 06, 2001	DRAWING TITLE SYSTEM BLOCK DIAGRAM	SHEET NO. 1/1
SCALE No Scale	SITE NAME MUARA BINUANGEUN	
DIMENSION Millimeter	DRAWING NO S, R, O, P, - M, R, B, - 0, 7, 9, - 5,	
JICA - PT. Aneka Asia Buana		

PLN LINE
900VA
220V, 1Ø, 2W





TO RADIO
EQUIPMENT

LEGEND

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

APPROVED BY JICA: 
 DRAWN BY AAB: 

DATE Sept 06, 2001	DRAWING TITLE POWER BLOCK DIAGRAM	SHEET NO 1/1
SCALE No Scale	SITE NAME MUARA BINUANGEUN	
DIMENSION Milimeter	DRAWING NO S, R, O, P, - M, R, B, - 0, 7, 9, - 6,	
 -  PT. Aneka Asia Buana		

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

4th-B Class Coast Station Bojonegara (Coast Station No. 80)

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	BOJO NEGARA		
	CLASS	4th-B	NO.	80

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Jl. Bojo Negara, Kp. Wadas	0254-500237		106° 05' 22" E	05° 59' 10" 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 type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input type="checkbox"/> Hotel	
By Car	to Bojo Negara [Taking time: 1.00 hr.]	<input checked="" type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input checked="" type="checkbox"/> Motel	
		<input type="checkbox"/> Unpaved road	<input checked="" 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
<input checked="" type="checkbox"/> Flat	<input checked="" type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	<input type="checkbox"/> Flood
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input type="checkbox"/> Flood Tide
<input type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rocky	<input type="checkbox"/> Rain Leakage
<input type="checkbox"/> Basin	<input type="checkbox"/> Clay		<input type="checkbox"/> Ground Subsidence
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy		
Altitude	54.60 M		Telephone Lines
Land area	400.00 m ²		<input checked="" type="checkbox"/> 1 Lines

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	Triplex	kVA	0.45	<input 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	Ceramic	Availability of power per day	24 Hours	Main tank	k Liter
Room Area (m²)		Power interruption /month	2 Times	E/G Stand-by System	
Operation room	26.00	Total interpt. hours /month	1 Hours	<input type="checkbox"/> Single System	
E / G room		Max. interpt. hours at once	6 Hours	<input type="checkbox"/> Dual System	
Remark					

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS				
Actions taken in equipment failure						TX/RX		
Restoration flow				Chief				
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		
<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 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	BOJO NEGARA		
	CLASS	4th-B	NO.	80

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	Request for improvement Antenna Position. Repairing Power Supply and SSB Transceiver.
Remarks	Operated by Kanpel

INVENTORY

Site Name: Bojonegara

BJN-080- (1 / 1)

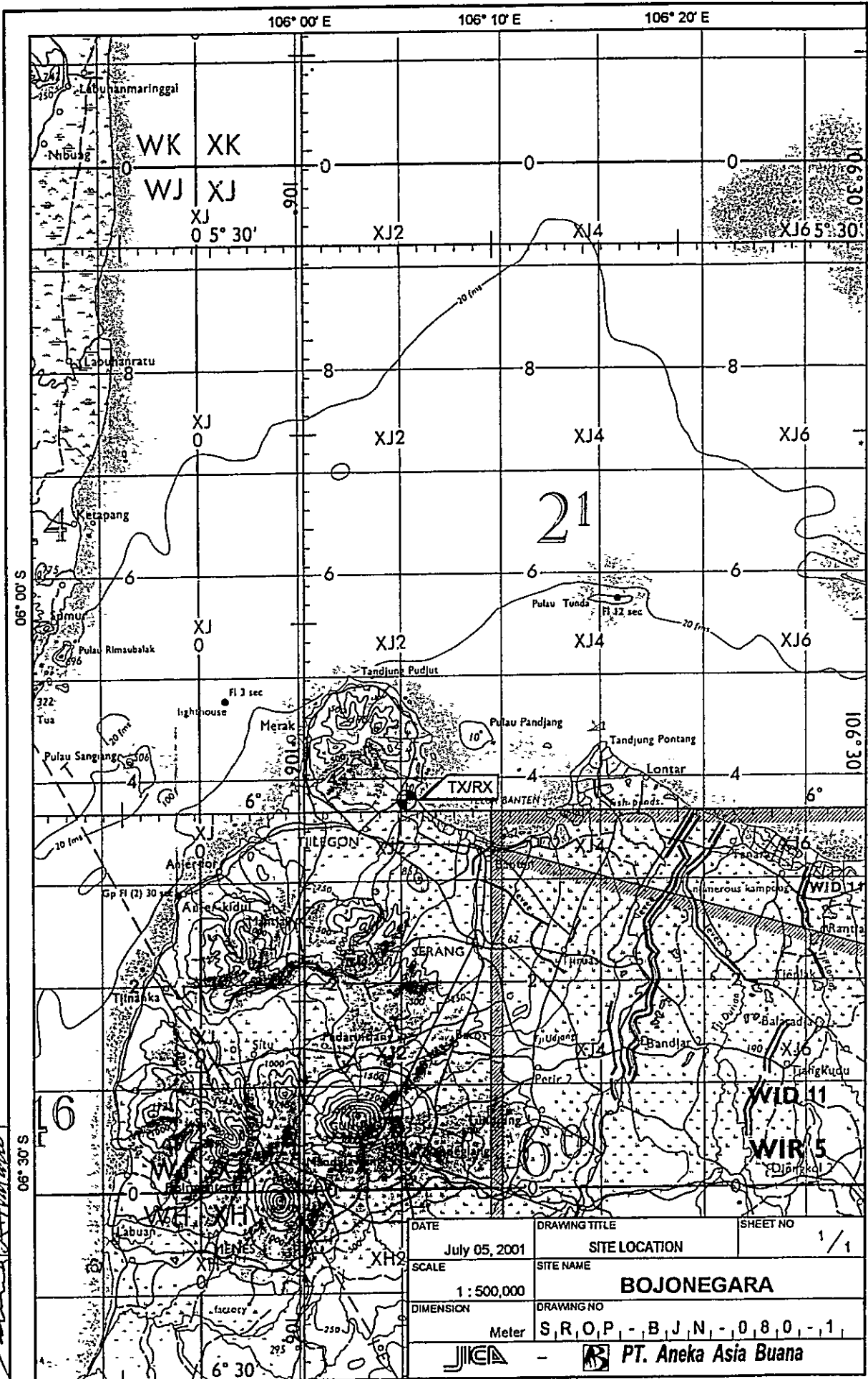
No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		Transmitter							
1		MF/HF Tranceiver	FT-300		Yaesu				Damaged
2		MF/HF Tranceiver	IC-M700	52160	ICOM				
2		Tower & Antenna System							
2-1		Tower							
1		Antenna Pole							Good
3		Power Supply Equipment							
3-1		UPS & AVR							
1		Power Supply							Damaged
4		Other							
1		Typewriter	Oliverti	Linea-98	Italy				Good

STATUS OF TROUBLES

SITE NAME : BOJO NEGARA

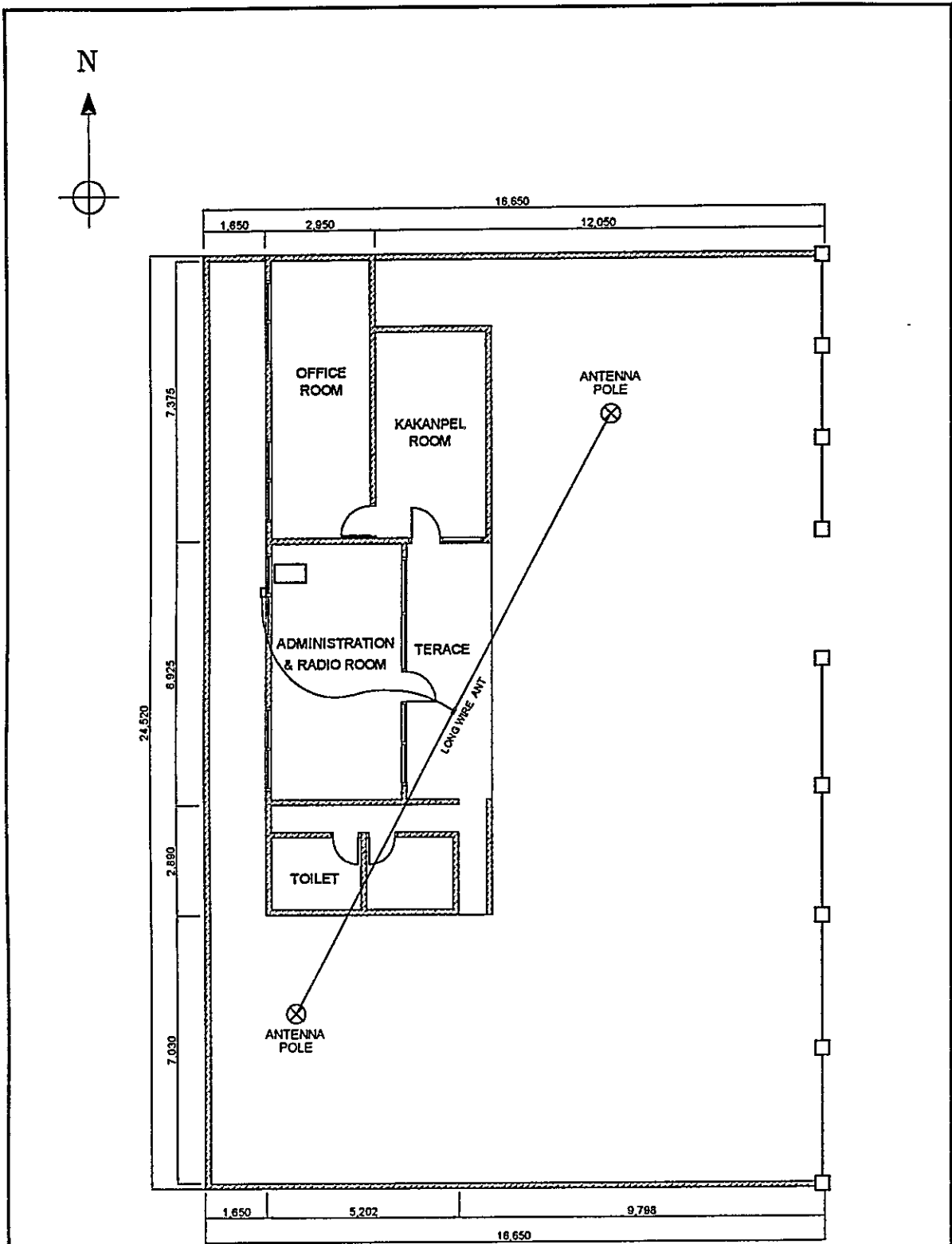
BJN-80-(1/1)

Item / Equipment	SSB - Power Supply / M700		
Manufacturer	Bandung		
Manufacturer in year	-		
Defective panel / unit			
Details of Trouble Status	Cause doe to:	Urgency of Repair	
	<input checked="" type="checkbox"/> Aging	<input checked="" 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>			
Request for Changing Antenna Position			
Repairing of SSB Transceiver and Power Supply			



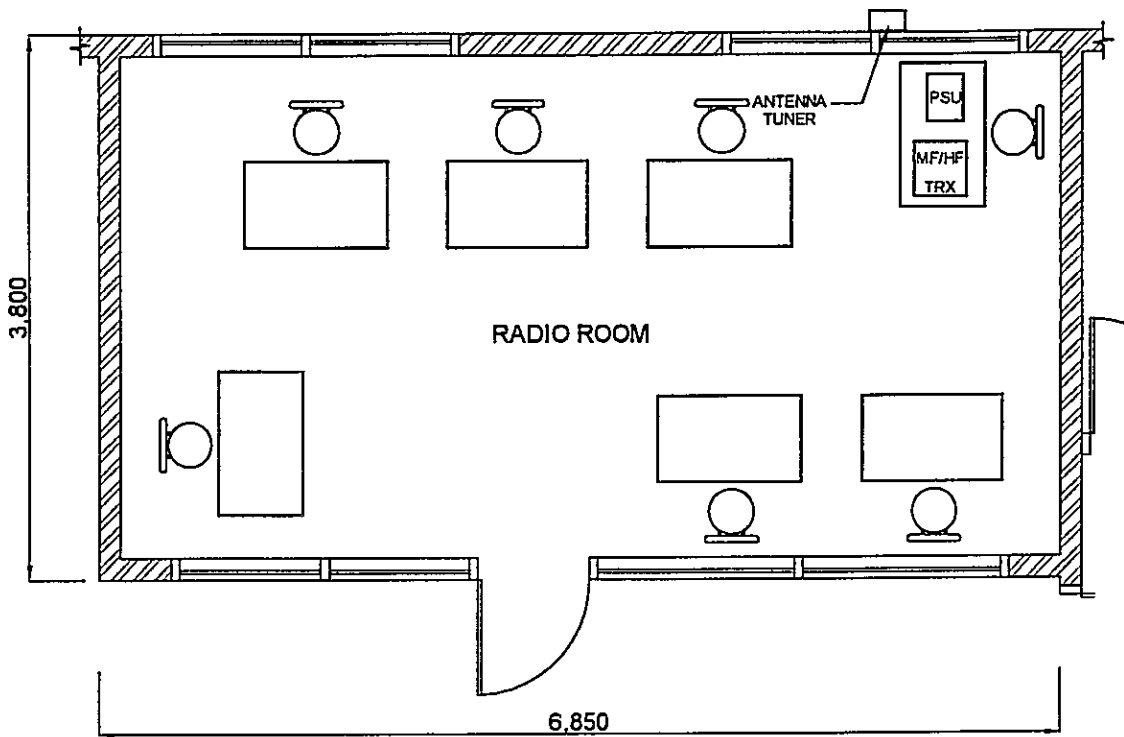
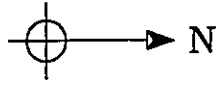
DRAWN BY: [Signature]
 APPROVED BY: JICA [Signature]

DATE	July 05, 2001	DRAWING TITLE	SITE LOCATION	SHEET NO	1 / 1
SCALE	1 : 500,000	SITE NAME	BOJONEGARA		
DIMENSION	Meter	DRAWING NO	S, R, O, P - B, J, N - 0, 8, 0, - 1		
		PT. Aneka Asia Buana			



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

DATE Sept 06, 2001	DRAWING TITLE ANTENNA LAYOUT	SHEET NO 1/1
SCALE 1 : 150	SITE NAME BOJONEGARA	
DIMENSION Miltimeter	DRAWING NO S, R, O, P, - , B, J, N, - , 0, 8, 0, - , 2,	

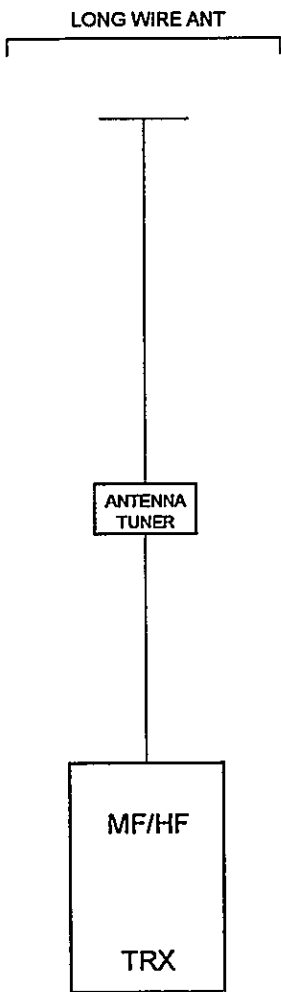


APPROVED BY JICA
 DRAWN BY AAB

LEGEND

- HF : HIGH FREQUENCY
- MF : MEDIUM FREQUENCY
- PSU : POWER SUPPLY UNIT
- TRX : TRANSCEIVER (ING)

DATE Sept 06, 2001	DRAWING TITLE EQUIPMENT FLOOR LAYOUT	SHEET NO. 1 / 1
SCALE 1 : 50	SITE NAME BOJONEGARA	
DIMENSION Milimeter	DRAWING NO S, R, O, P, - B, J, N, - 0, 8, 0, - 3,	
- PT. Aneka Asia Buana		



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

LEGEND

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

DATE Sept 06, 2001	DRAWING TITLE SYSTEM BLOCK DIAGRAM	SHEET NO 1 / 1
SCALE No Scale	SITE NAME BOJONEGARA	
DIMENSION Milimeter	DRAWING NO S, R, O, P, -, B, J, N, -, 0, 8, 0, -, 5,	
- PT. Aneka Asia Buana		

PLN LINE
0.45KVA
220V, 1Ø, 2W



TO RADIO
EQUIPMENT

APPROVED BY JICA

DRAWN BY AAB

LEGEND

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

DATE Sept 06, 2001	DRAWING TITLE POWER BLOCK DIAGRAM	SHEET NO 1/1
SCALE No Scale	SITE NAME BOJONEGARA	
DIMENSION Milimeter	DRAWING NO S,R,O,P - B,J,N - 0,8,0 - 6	
- PT. Aneka Asia Buana		

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

4th-B Class Coast Station Eretan (Coast Station No. 81)

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	ERETAN		
	CLASS	4th-B	NO.	81

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Jl. Perikanan Eretan Wetan, Kd. Haur			108° 05' 15.6" E	06° 19' 26" S

2. GENERAL CONDITIONS					
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population
By Car	to Eretan [Taking time: 4.00 hr.]	<input checked="" 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 checked="" 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 type="checkbox"/> <input checked="" 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	74.30 M		Telephone Lines	<input checked="" type="checkbox"/> <input type="checkbox"/> Feeder Cable Way
Land area	220.00 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	Good Bad	
Structure	Concrete	Phase	1	<input type="checkbox"/> <input 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		<input 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	2 Times	E/G Stand-by System	
Operation room	20.00	Total interpt. hours /month	4 Hours	<input type="checkbox"/> Single System	
E / G room		Max. interpt. hours at once	6 Hours	<input type="checkbox"/> Dual System	
Remark					

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS				
Actions taken in equipment failure				TX/RX				
Restoration flow				Chief				
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			
<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 COAST STATION	SITE	ERETAN		
	CLASS	4th-B	NO.	81

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			

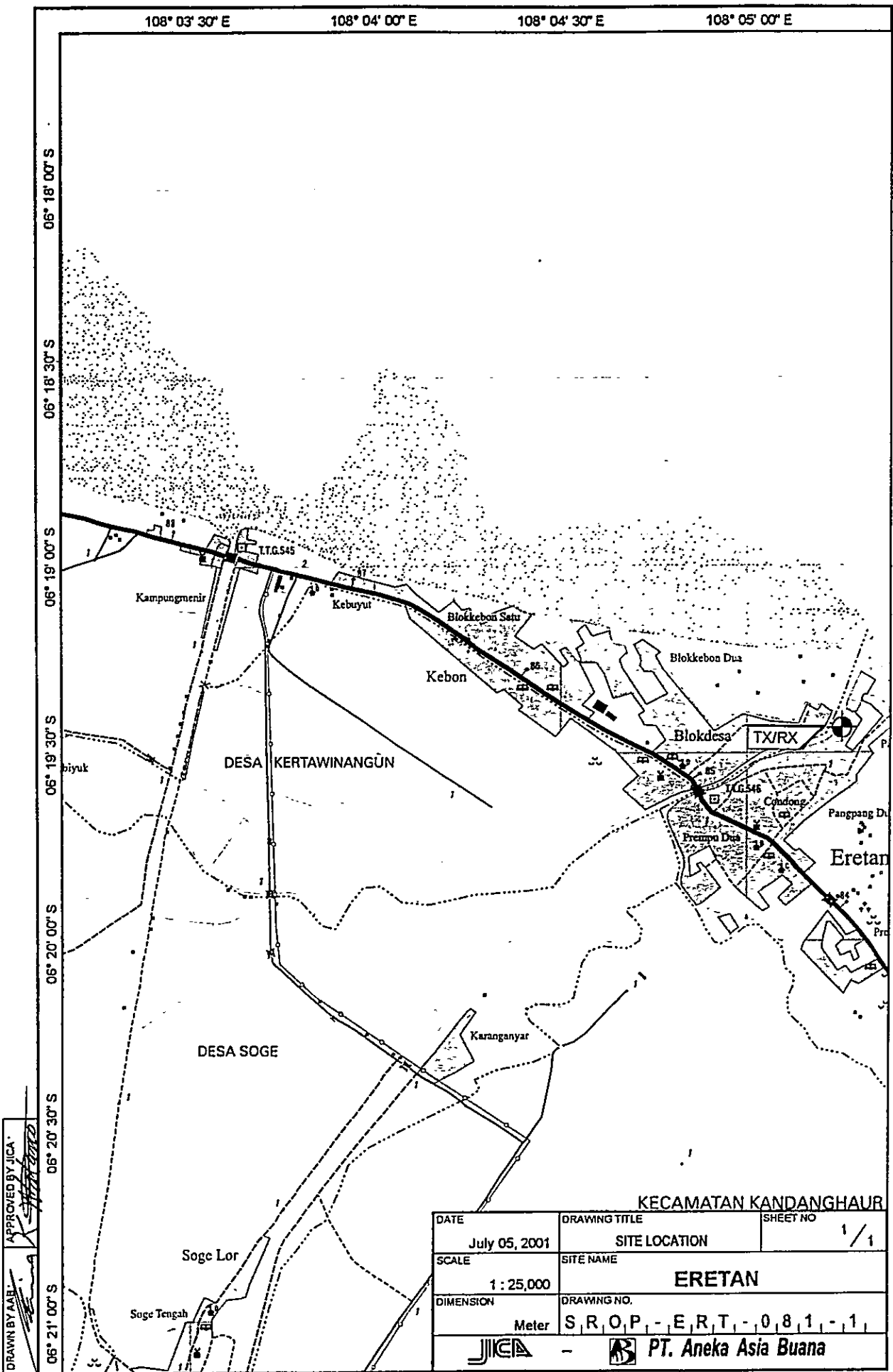
7. COMMENTS	
Suggestion	
Remarks	Operated by Kanpel Staff

INVENTORY

Site Name: Eretan

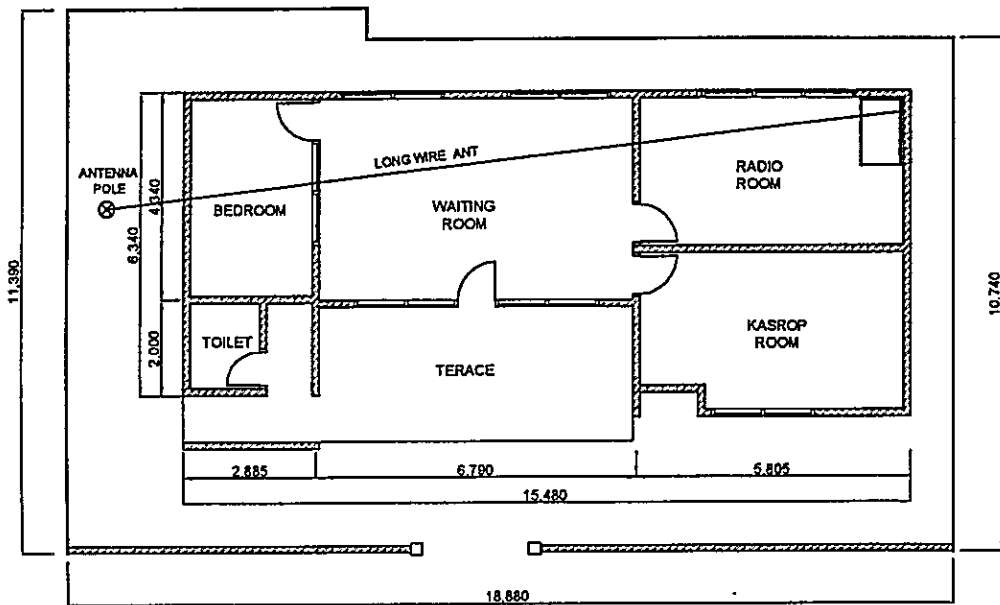
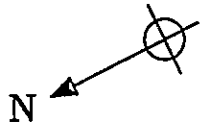
ERT-081-(1/1)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		Transmitter							
1		SSB Transmitter	IC-M700	49754	ICOM	1996			Good
2		Antenna Tuner	AT-120		ICOM	1996			Good



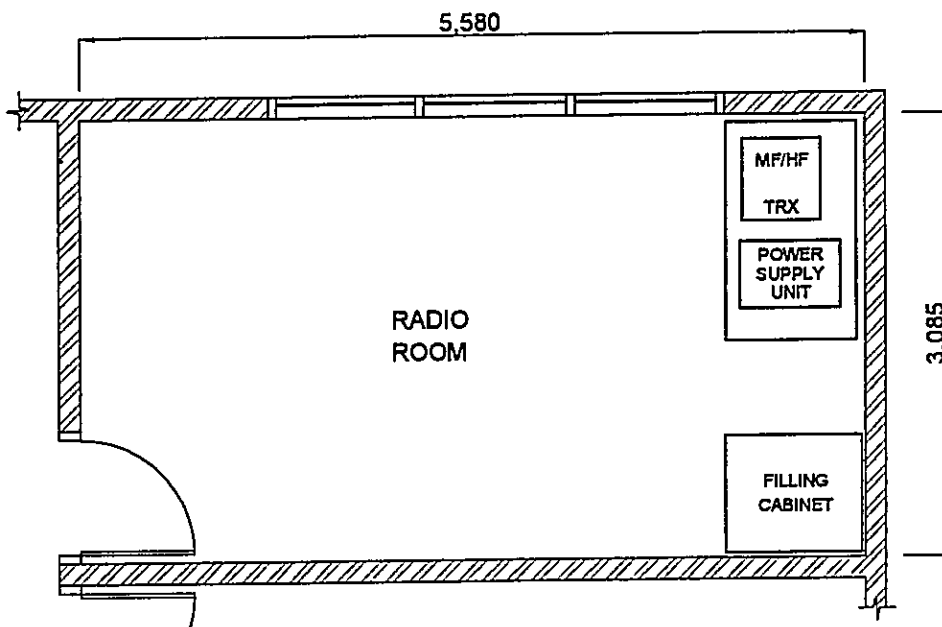
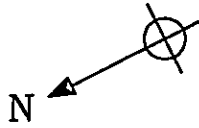
DRAWN BY AAB
 APPROVED BY JICA
 [Signature]

DATE	DRAWING TITLE	SHEET NO
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 25,000	ERETAN	
DIMENSION	DRAWING NO.	
Meter	S, R, O, P, - E, R, T, - 0, 8, 1, - 1	



DRAWN BY AAB
 APPROVED BY JICA
J. P. P. P.

DATE	DRAWING TITLE	SHEET NO.
Sept 10, 2001	ANTENNA LAYOUT	1/1
SCALE	SITE NAME	
1 : 150	ERETAN	
DIMENSION	DRAWING NO.	
Milimeter	S, R, O, P, - E, R, T, - 0, 8, 1, - 2,	
- PT. Aneka Asia Buana		



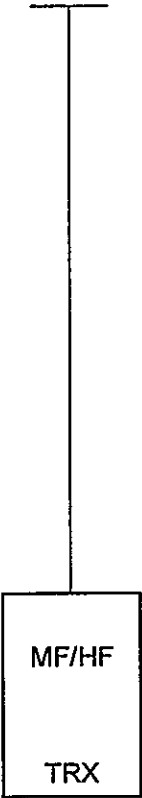
APPROVED BY JCA.
 DRAWN BY AAB.

LEGEND

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

DATE Sept 10, 2001	DRAWING TITLE EQUIPMENT FLOOR LAYOUT	SHEET NO 1/1
SCALE 1 : 50	SITE NAME ERETAN	
DIMENSION Milimeter	DRAWING NO. S, R, O, P, -, E, R, T, -, 0, 8, 1, -, 3, 1	

LONG WIRE ANT



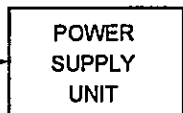
LEGEND

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

DRAWN BY AAB
APPROVED BY JGA.
[Signature]

DATE Sept 10, 2001	DRAWING TITLE SYSTEM BLOCK DIAGRAM	SHEET NO 1 / 1
SCALE No Scale	SITE NAME ERETAN	
DIMENSION Milimeter	DRAWING NO. S, R, O, P, - E, R, T, - 0, 8, 1, - 5,	
JICA - PT. Aneka Asia Buana		

PLN LINE
220V, 1Ø, 2W



TO RADIO
EQUIPMENT

DRAWN BY AAB
APPROVED BY JICA

LEGEND

- V : VOLT
- W : WIRE
- Ø : PHASE

DATE Sept 10, 2001	DRAWING TITLE POWER BLOCK DIAGRAM	SHEET NO 1/1
SCALE No Scale	SITE NAME ERETAN	
DIMENSION Milimeter	DRAWING NO. S, R, O, P, - E, R, T, - 0, 8, 1, - 6,	
JICA - PT. Aneka Asia Buana		

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

4th-B Class Coast Station Pangandaran (Coast Station No. 82)

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	PANGANDARAN		
	CLASS	4th-B	NO.	82

1. LOCATION

Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Jl. Kidang Pananjung 229, Pangandaran	639421		108° 39' 28.3" E	07° 42' 10" S

2. GENERAL CONDITIONS

Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
By Car to Pangandaran [Taking time: 8.00 hr.]	<input type="checkbox"/> Highway <input checked="" type="checkbox"/> Paved <input type="checkbox"/> Unpaved road	<input type="checkbox"/> Heavy <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Light <input type="checkbox"/> None	<input checked="" type="checkbox"/> Hotel <input type="checkbox"/> Motel	

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"/> Slope <input type="checkbox"/> Hill-top <input type="checkbox"/> Basin <input type="checkbox"/> Valley	<input type="checkbox"/> Dry soil <input type="checkbox"/> Ordinary <input type="checkbox"/> Swampy <input type="checkbox"/> Clay <input checked="" type="checkbox"/> Sandy	<input type="checkbox"/> Limestone <input type="checkbox"/> Gravel <input type="checkbox"/> Rocky	<input type="checkbox"/> Flood <input type="checkbox"/> Flood Tide <input type="checkbox"/> Rain Leakage <input type="checkbox"/> Ground Subsidence
Altitude	42.30 M	Telephone Lines	Yes No <input checked="" type="checkbox"/> <input type="checkbox"/> Antenna <input type="checkbox"/> <input checked="" type="checkbox"/> Towers (Masts) <input type="checkbox"/> <input checked="" type="checkbox"/> Grounding system <input checked="" type="checkbox"/> <input type="checkbox"/> Lightning system
Land area	235.00 m ²	<input checked="" type="checkbox"/> 1 Lines	<input checked="" type="checkbox"/> <input type="checkbox"/> Feeder Cable Way <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	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	2.5	<input 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		E/G Stand-by System	
Operation room	7.00	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	Antenna has been broken				

4. OPERATION AND MAINTENANCE

5. PERSONNEL FORMATIONS

Actions taken in equipment failure				TX/RX				
Restoration flow	Repaired by himself			Chief				
Examples of major failure	Fuse			Operator (skilled)	2 ()	()		
Sufficiency of spares	Fuse			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 checked="" type="checkbox"/> Other calamity	Corrosion							
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	PANGANDARAN		
	CLASS	4th-B	NO.	82

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	Unavailable to transmit for more than one year, because antenna has been broken.
Remarks	Operated by Kanpel Staff

INVENTORY

Site Name: Pangandaran

PGD-082- (1 / 1)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		Transmitter							
1		MF/HF Transceiver	FT-300		Yaesu				Good
2	120110160097	MF/HF Transceiver	M-700	52255	ICOM				Good
2		Tower & Antenna System							
2-1		Tower & Mast							
1		15mH Antenna Pole	Local			1994			Damaged

STATUS OF TROUBLES

SITE NAME : PANGANDARAN

PGD-82-(1/1)

Item / Equipment	Antenna / -		
Manufacturer	-		
Manufacturer in year	1994		
Defective panel / unit	Antenna Tower		
Details of Trouble Status	Cause doe to:	Urgency of Repair	Repairing to be:
	<input type="checkbox"/> Aging		<input checked="" type="checkbox"/> Immediacy
	<input type="checkbox"/> Lightning		<input type="checkbox"/> By next year budget
	<input checked="" 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>			
Request for new antenna tower installation			

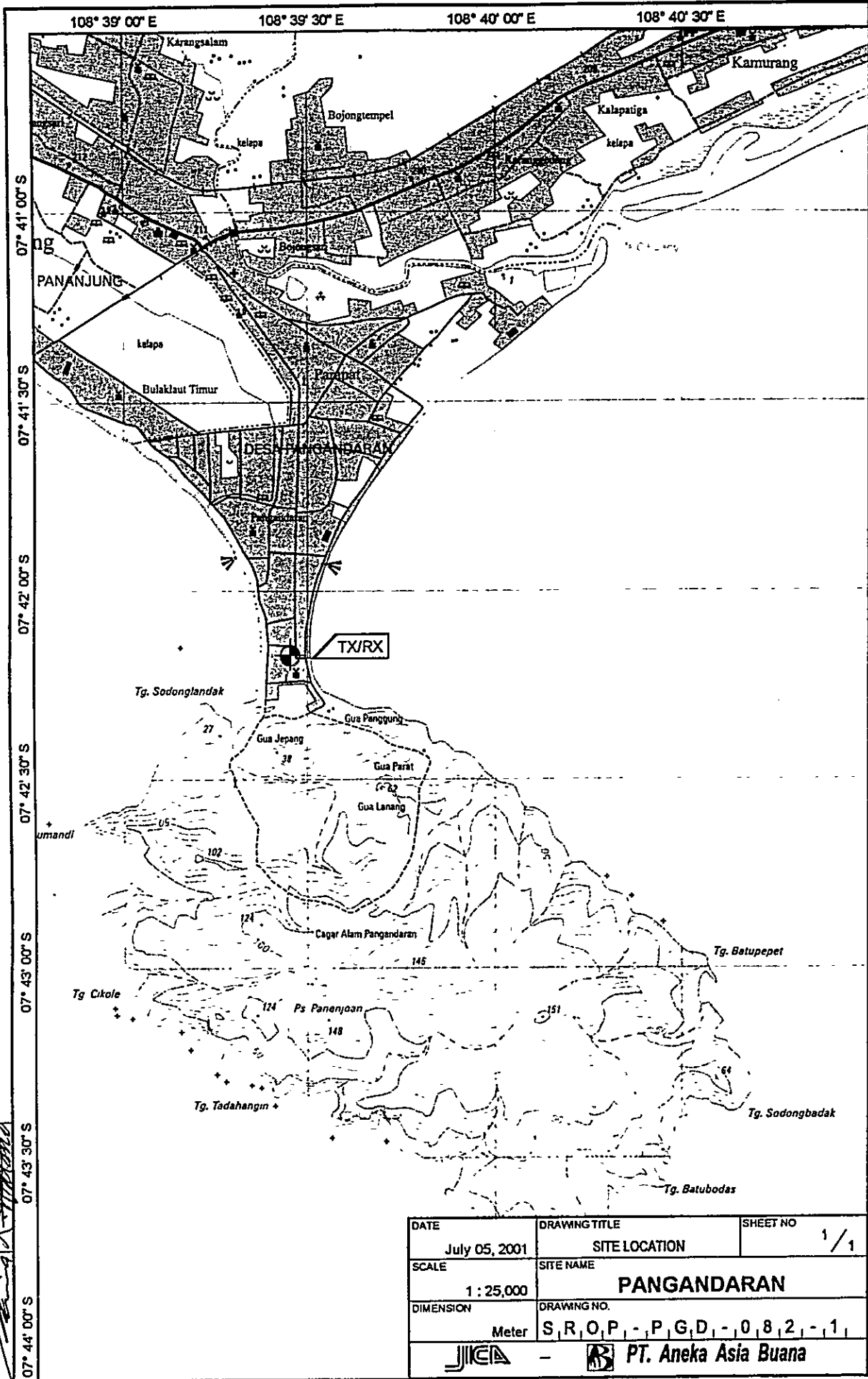
OPERATION SCHEDULE (FREQUENCIES)

Site Name: Pangandaran

PGD-082-(1/1)

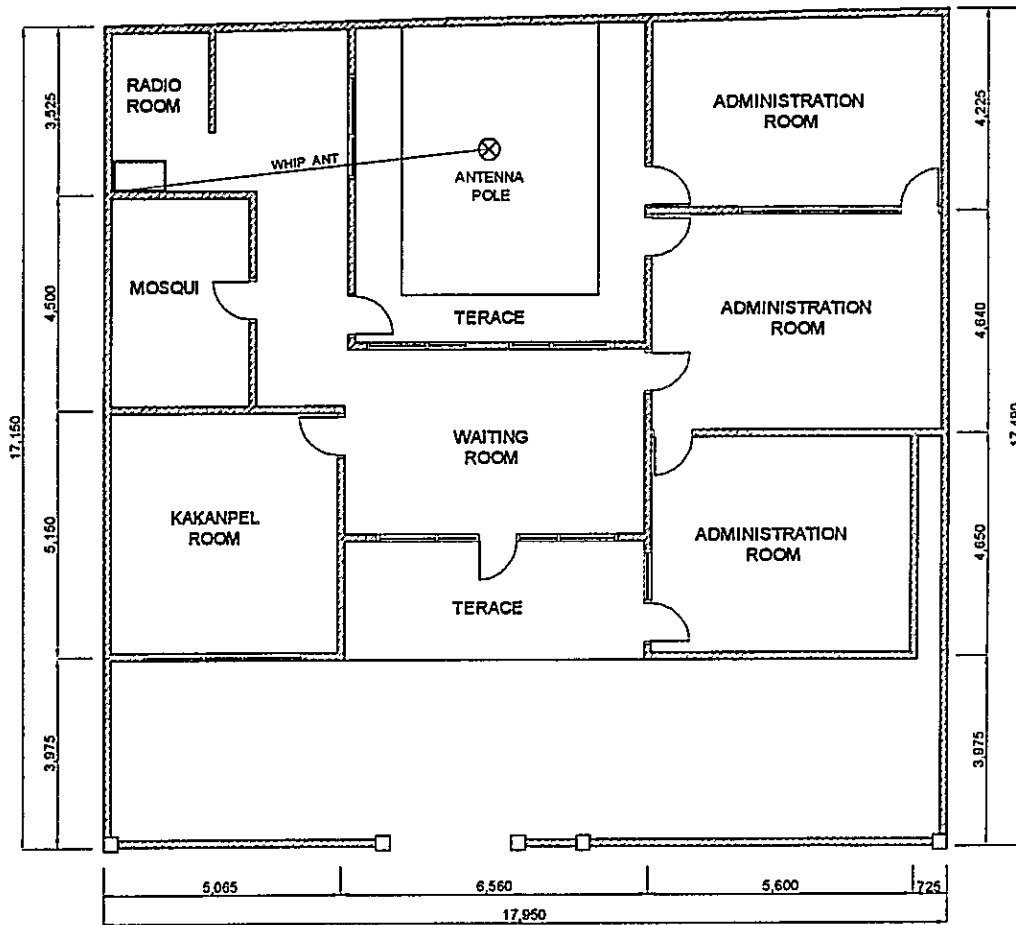
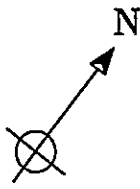
Call Sign : Mobile Service :
Fix Service :

	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	
FREQUENCY (KHz)	POWER (W)																								
Fix Service																									
1 5.381,5	100																								J3E
2 4.446,5	100																								J3E
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									



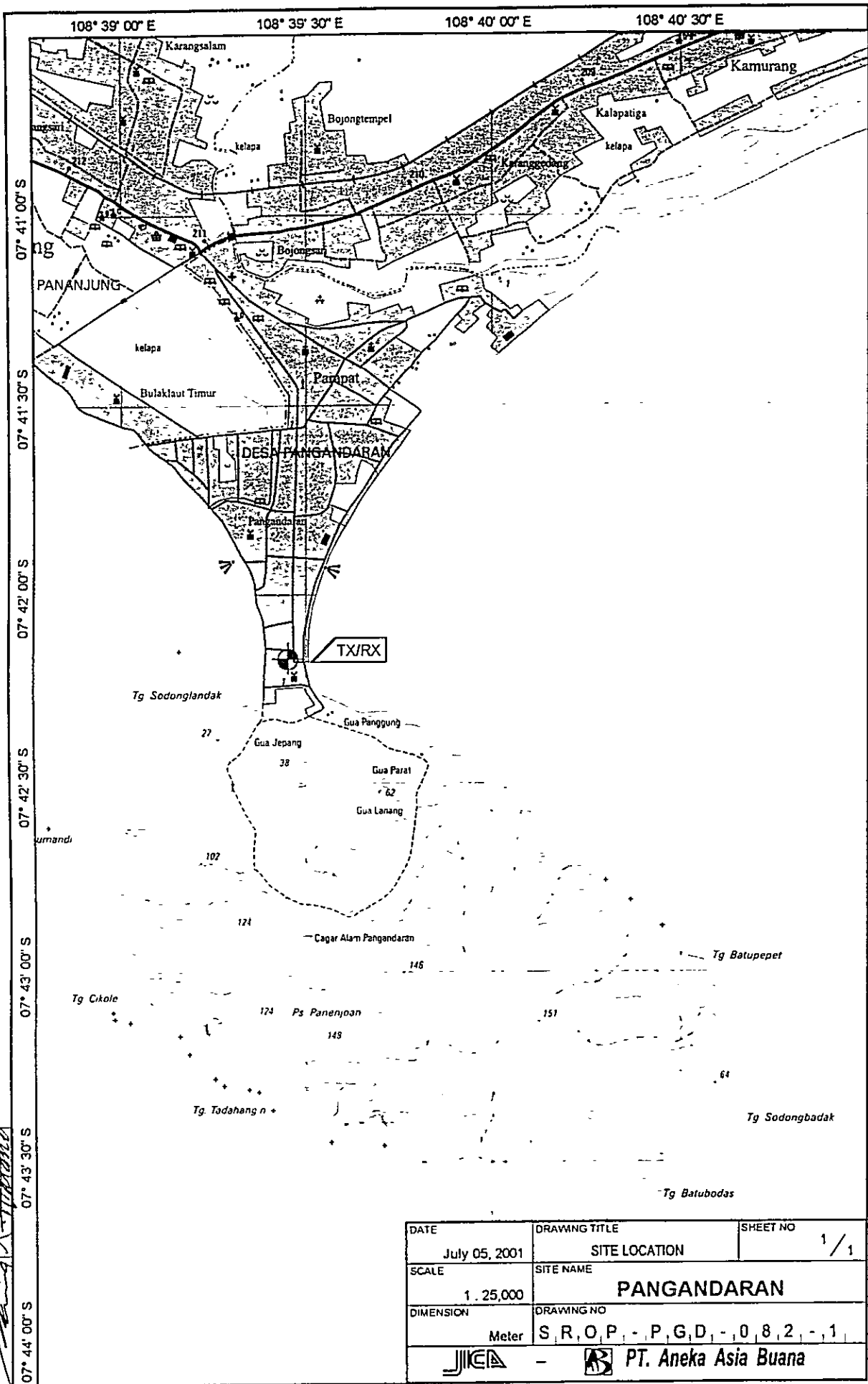
DRAWN BY AAB
 APPROVED BY JICA
 [Signature]

DATE	DRAWING TITLE	SHEET NO
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 25,000	PANGANDARAN	
DIMENSION	DRAWING NO.	
Meter	S, R, O, P - P, G, D, - 0, 8, 2, - 1	
PT. Aneka Asia Buana		



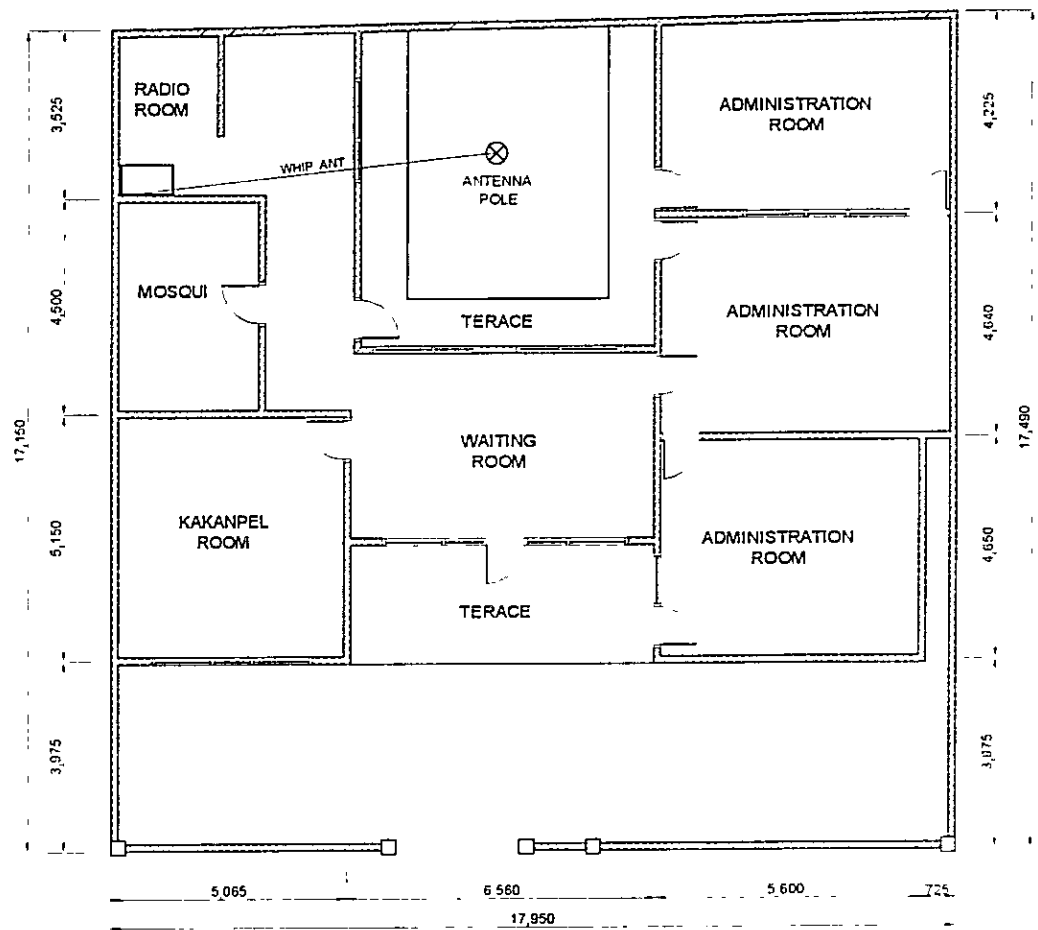
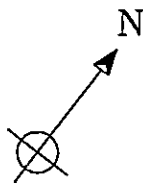
DRAWN BY AAR
 APPROVED BY JICA: *[Signature]*

DATE	DRAWING TITLE	SHEET NO
Sept 10, 2001	ANTENNA LAYOUT	1/1
SCALE	SITE NAME	
1 : 150	PANGANDARAN	
DIMENSION	DRAWING NO.	
Milimeter	S, R, O, P, - P, G, D, - 0, 8, 2, - 2,	



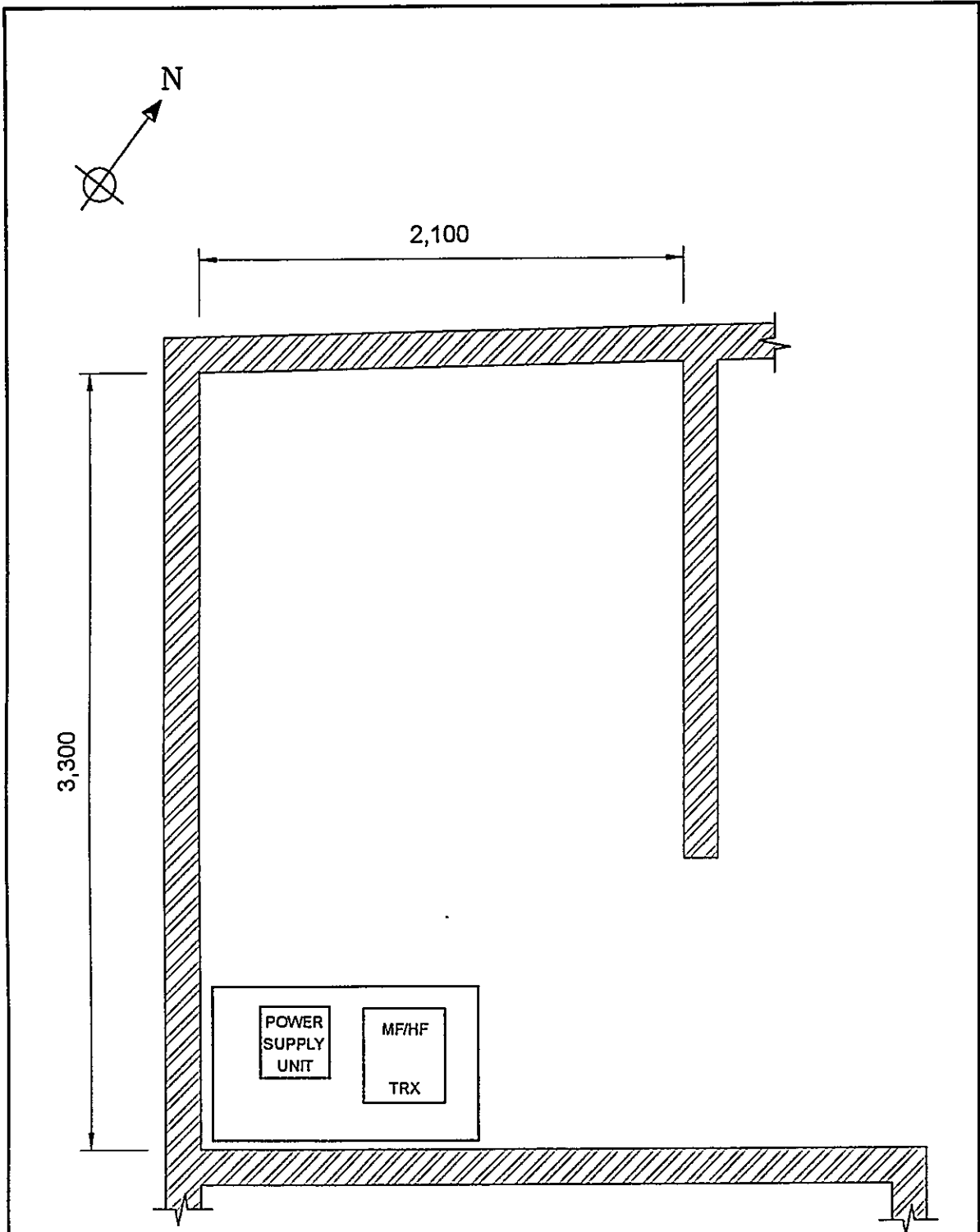
DRAWN BY AAB
 APPROVED BY JICA
 [Signature]

DATE	DRAWING TITLE	SHEET NO
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 25,000	PANGANDARAN	
DIMENSION	DRAWING NO	
Meter	S, R, O, P, - P, G, D, - 0, 8, 2, - 1	
- PT. Aneka Asia Buana		



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

DATE	DRAWING TITLE	SHEET NO
Sept 10, 2001	ANTENNA LAYOUT	1 / 1
SCALE	SITE NAME	
1 : 150	PANGANDARAN	
DIMENSION	DRAWING NO	
Milimeter	S R O P - P G D - 0 8 2 - 2	
- PT. Aneka Asia Buana		

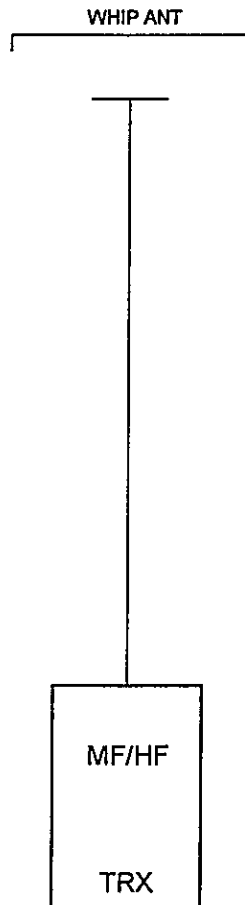


DRAWN BY AAB. *[Signature]*
 APPROVED BY JICA. *[Signature]*

LEGEND

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



DATE Sept 10, 2001	DRAWING TITLE EQUIPMENT FLOOR LAYOUT	SHEET NO 1 / 1
SCALE 1 : 25	SITE NAME PANGANDARAN	
DIMENSION Milimeter	DRAWING NO S, R, O, P, - P, G, D, - 0, 8, 2, - 3,	
- PT. Aneka Asia Buana		



LEGEND

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

DRAWN BY AAB. APPROVED BY JICA.

DATE Sept 10, 2001	DRAWING TITLE SYSTEM BLOCK DIAGRAM	SHEET NO. 1/1
SCALE No Scale	SITE NAME PANGANDARAN	
DIMENSION Milimeter	DRAWING NO. S, R, O, P, -, P, G, D, -, 0, 8, 2, -, 5,	
 -  PT. Aneka Asia Buana		

PLN LINE
2.5kVA
220V, 1Ø, 2W



TO RADIO
EQUIPMENT



LEGEND

- V : VOLT
- W : WIRE
- Ø : PHASE

DRAWN BY AAB

APPROVED BY JICA:

[Signature]

DATE Sept 10, 2001	DRAWING TITLE POWER BLOCK DIAGRAM	SHEET NO 1 / 1
SCALE No Scale	SITE NAME PANGANDARAN	
DIMENSION Milimeter	DRAWING NO S, R, O, P, -, P, G, D, -, 0, 8, 2, -, 6,	
 -  PT. Aneka Asia Buana		

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

4th-B Class Coast Station Karang Antu (Coast Station No. 83)

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	KARANG ANTU		
	CLASS	4th-B	NO.	83

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Jl. Bandar Banten No. 2	0254-212140	0254-202140	106° 09'47.7" E	06° 01'43.8" S

2. GENERAL CONDITIONS				
Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
By Car to Karang Antu [Taking time: 3.00 hr]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input type="checkbox"/> Hotel	
	<input checked="" type="checkbox"/> Paved	<input checked="" type="checkbox"/> Medium	<input checked="" 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"/> <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 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	51.30 M		Telephone Lines	<input checked="" type="checkbox"/> <input type="checkbox"/> Feeder Cable Way
Land area	580.00 m ²		<input checked="" type="checkbox"/> 1 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	V Good Bad
Structure	Concrete	Phase	1	<input checked="" type="checkbox"/> <input type="checkbox"/> Power Supply System
Type of roof	Asbestos	Wire	2	<input type="checkbox"/> <input type="checkbox"/> Operations of E/G
Type of ceiling	Triplex	kVA	1.2	<input 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
Flooring	Tile	Availability of power per day	24 Hours	Liter
Room Area (m²)		Power interruption /month		E/G Stand-by System
Operation room	26.50	Total interpt hours /month	2 Times	<input type="checkbox"/> Single System
E / G room		Max. interpt hours at once	6 Hours	<input type="checkbox"/> Dual System
Remark				

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS				
Actions taken in equipment failure								
Restoration flow	Repaired by himself			Chief				
Examples of major failure	Fuse			Operator (skilled) 1 () ()				
Sufficiency of spares	Fuse			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 1				
<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 checked="" type="checkbox"/> Reasonable	<input 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 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 type="checkbox"/> Skilled	<input checked="" type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					

SUMMARY OF COAST STATION	SITE	KARANG ANTU		
	CLASS	4th-B	NO.	83

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	Request for new equipment
Remarks	Operated by Kanpel Staff

INVENTORY

Site Name: Karang Antu

KRA-083-(1 / 1)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		Transmitter							Good
1		MF/HF Transceiver	IC-M700	49779	ICOM	1996			Good
2		MF/HF Transceiver	IC-M710	03109	ICOM				Good
1-2		Antenna Selector							Good
1		Automatic Antenna Tuner	AT-120		Japan				Good
2		Power Supply Equipment							
2-1		UPS & AVR							Good
1		Power Supply			Dakai				Good
2		Other							
1		Fan							Good

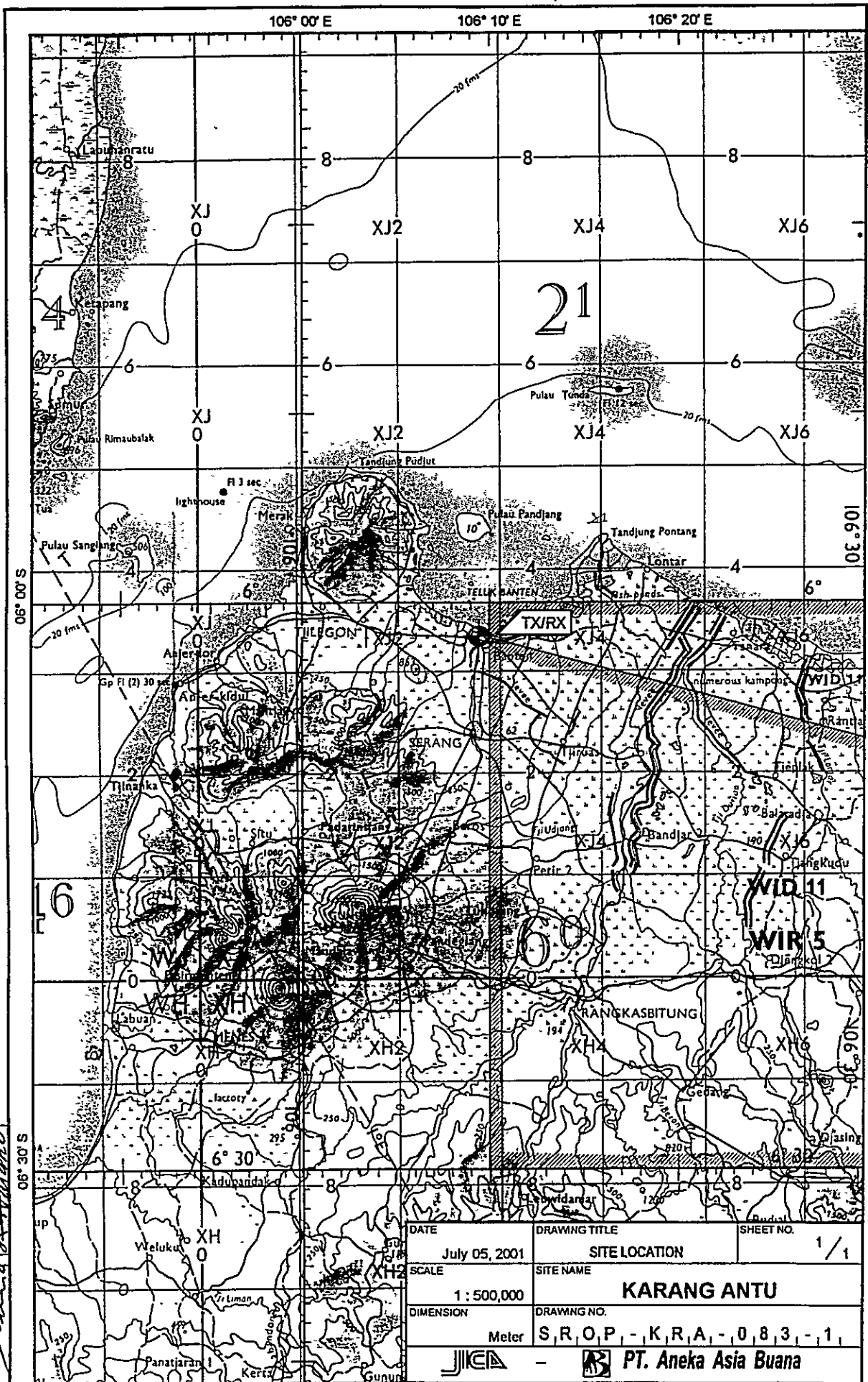
OPERATION SCHEDULE (FREQUENCIES)

Site Name: Karang Antu

KRA-083-(1/1)

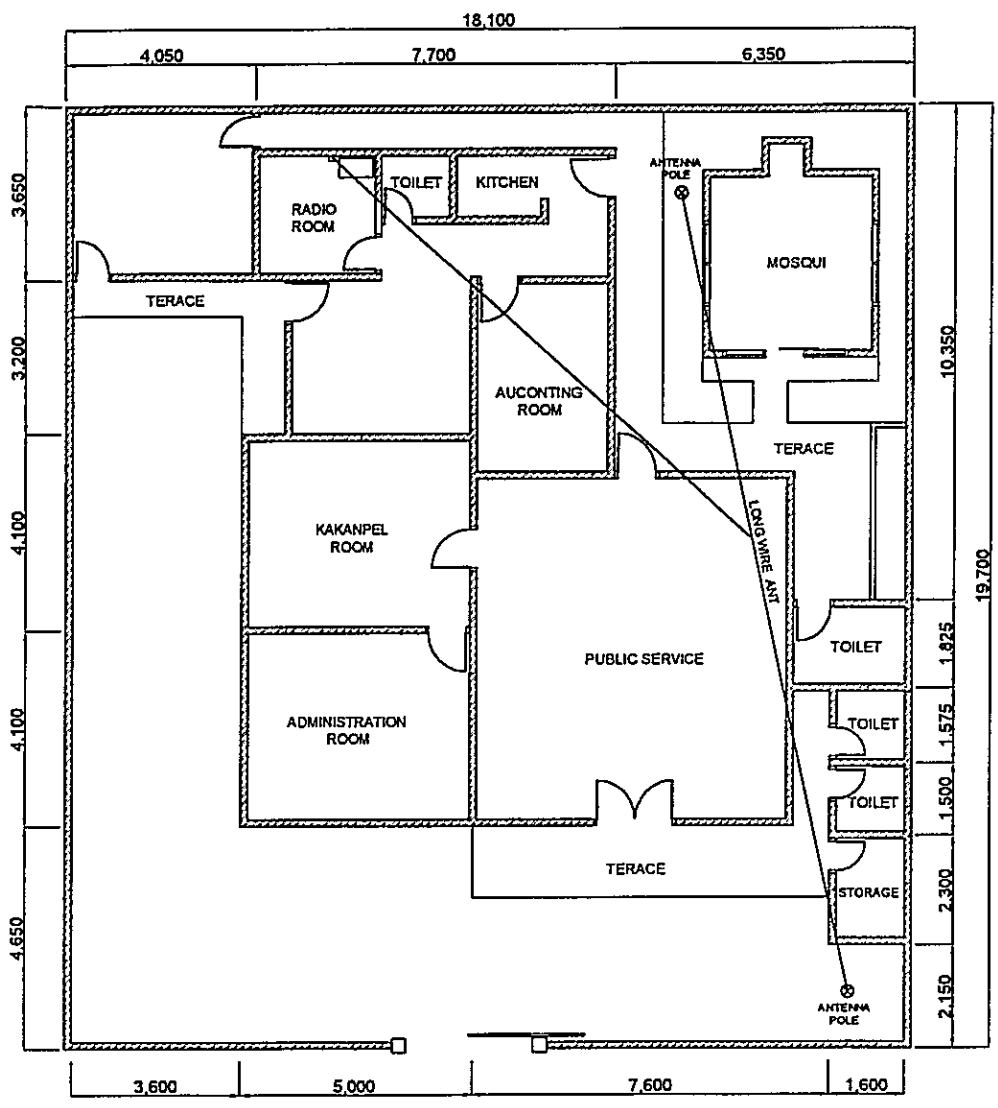
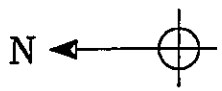
Call Sign : Mobile Service : PKZ.43
Fix Service :

#	FREQUENCY (kHz)	EMISSION	POWER (W)	UTC																							
				01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	Mobile Service																										
1	2 182.0	J3E	100																								
2	2 080.0	J3E	100																								
3	3 180.0	J3E	100																								
4	6 215.0	J3E	100																								
5	6 224.0	J3E	100																								
6																											
7																											
8																											
9																											
10																											
11																											
12																											
13																											
14																											
15																											
16																											
17																											
18																											
19																											
20																											
21																											
22																											
23																											
24																											
25																											
26																											
27																											





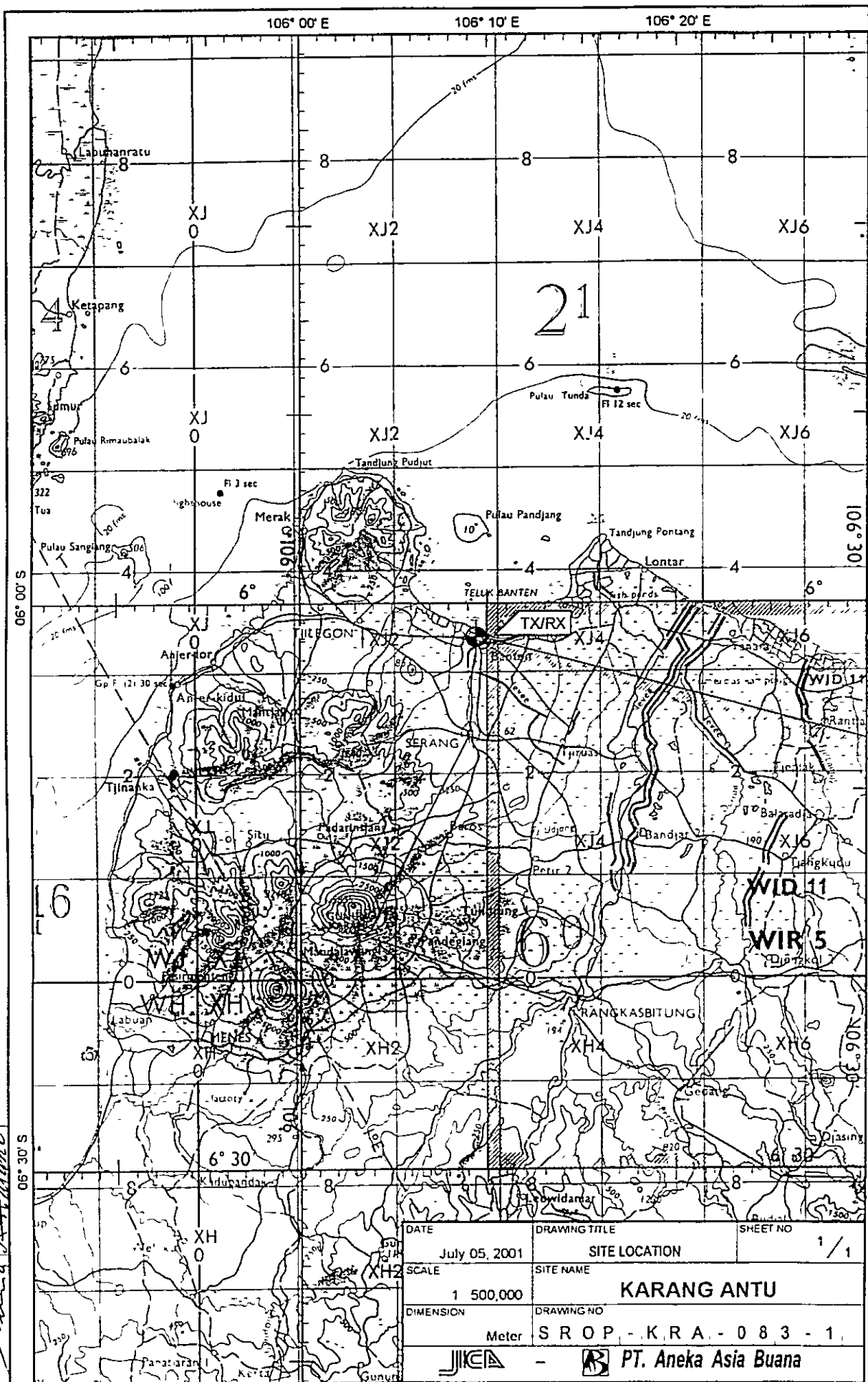
DRAWN BY AAB. APPROVED BY JICA.

DATE	DRAWING TITLE	SHEET NO.
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 500,000	KARANG ANTU	
DIMENSION	DRAWING NO.	
Meter	S, R, O, P, - K, R, A, - 0, 8, 3, - 1	



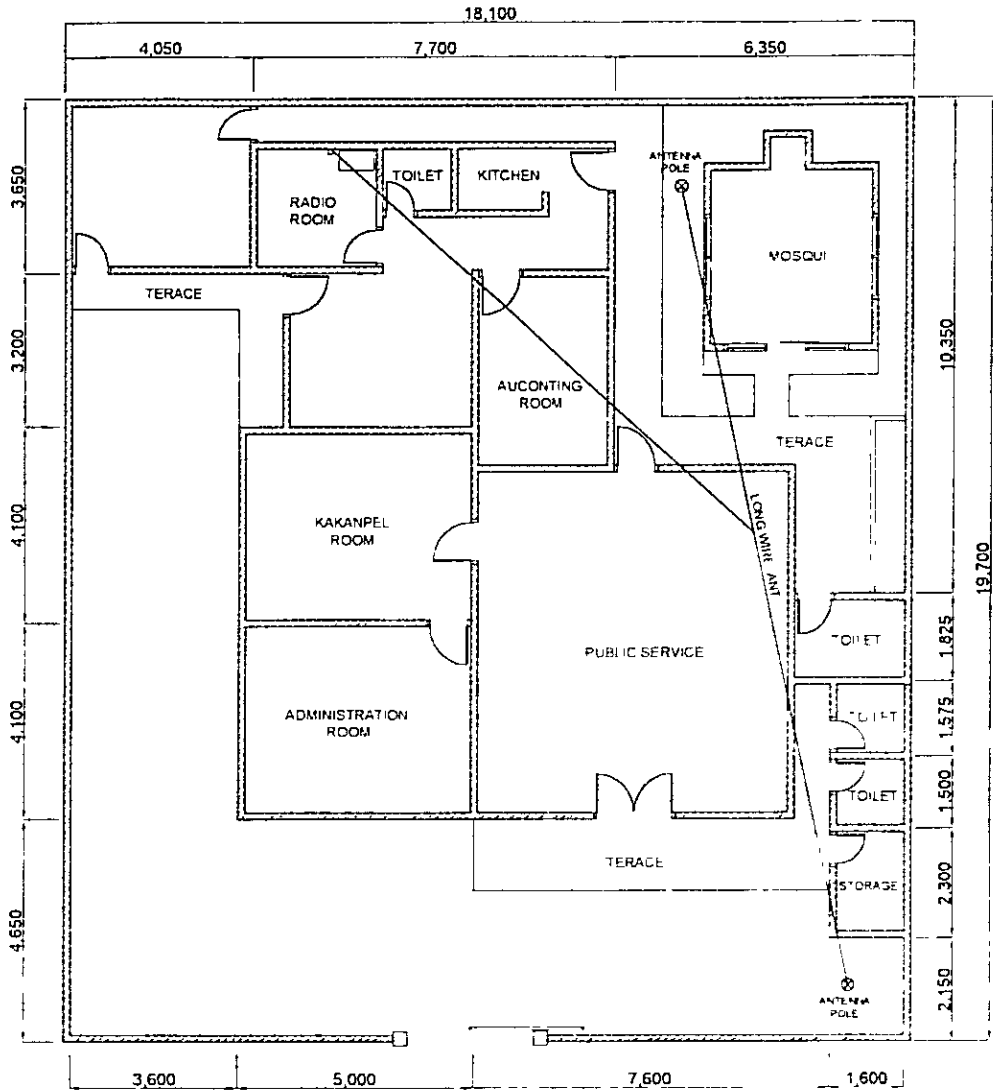
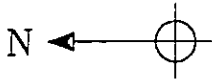
DRAWN BY AAB
 APPROVED BY JICA


DATE	SEPT 06, 2001	DRAWING TITLE	ANTENNA LAYOUT	SHEET NO	1 / 1
SCALE	1 : 150	SITE NAME	KARANG ANTU		
DIMENSION	Milimeter	DRAWING NO.	S, R, O, P, - K, R, A, - 0, 8, 3, - 2,		
		 PT. Aneka Asia Buana			



DRAWN BY AAB
 APPROVED BY JICA
 [Signature]

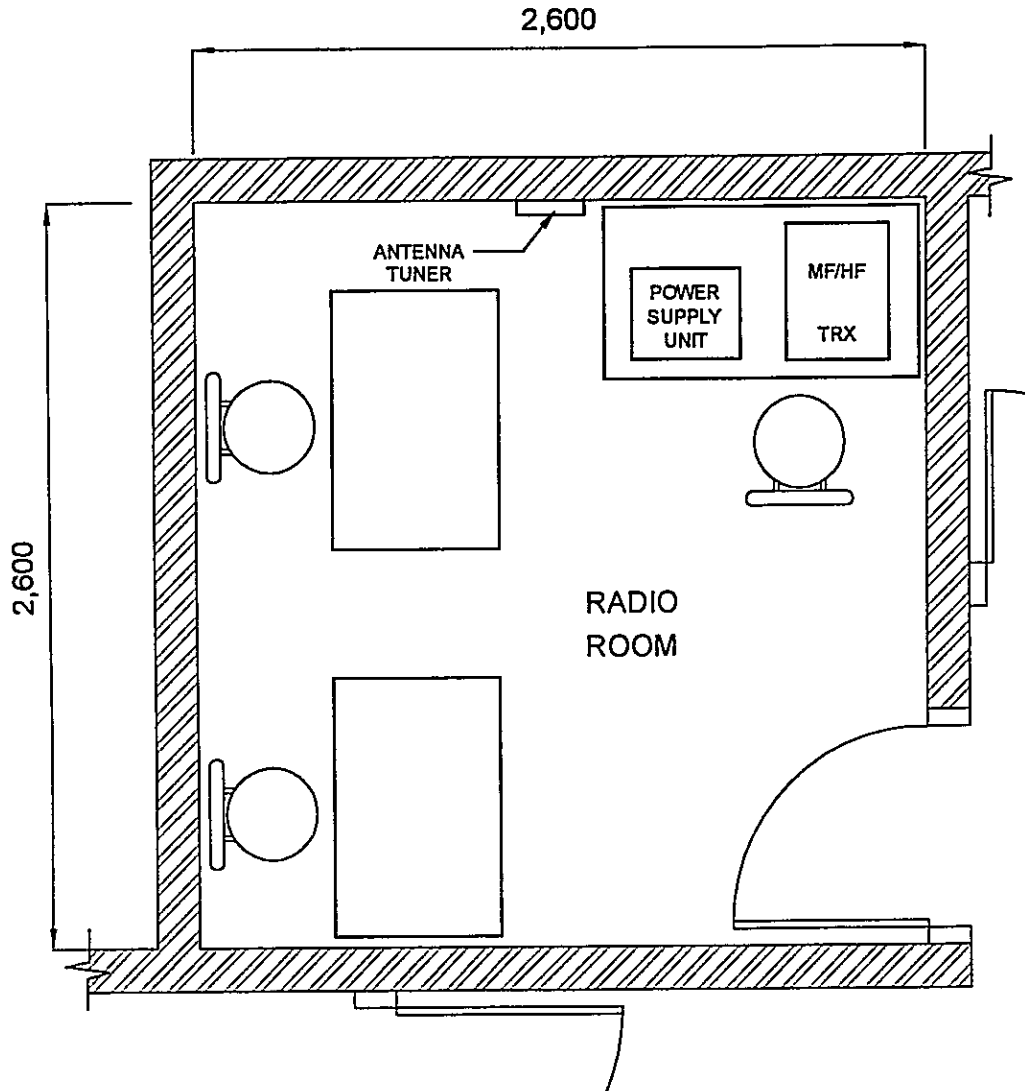
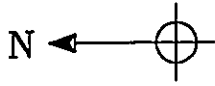
DATE	DRAWING TITLE	SHEET NO
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 500,000	KARANG ANTU	
DIMENSION	DRAWING NO	
Meter	S R O P - K R A - 0 8 3 - 1	
- PT. Aneka Asia Buana		



APPROVED BY JIDA

DRAWN BY AAB

DATE	SEPT 06 2001	DRAWING TITLE	ANTENNA LAYOUT	SHEET NO	1 / 1
SCALE	1 : 150	SITE NAME	KARANG ANTU		
DIMENSION	Milimeter	DRAWING NO	S R O P - K R A - 0 8 3 - 2		



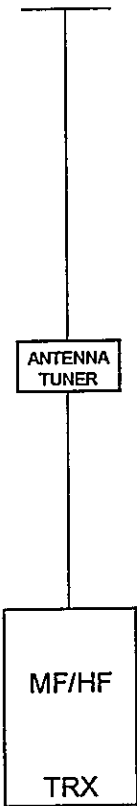
LEGEND

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

DRAWN BY AAB - APPROVED BY JICA.

DATE Sept 06, 2001	DRAWING TITLE EQUIPMENT FLOOR LAYOUT	SHEET NO 1 / 1
SCALE 1 : 25	SITE NAME KARANG ANTU	
DIMENSION Milimeter	DRAWING NO. S, R, O, P, - K, R, A, - 0, 8, 3, - 3,	

LONG WIRE ANT



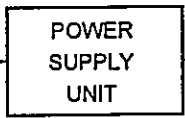
DRAWN BY: A.B. APPROVED BY: JICA

LEGEND

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

DATE	Sept 06, 2001	DRAWING TITLE	SYSTEM BLOCK DIAGRAM	SHEET NO	1 / 1
SCALE	No Scale	SITE NAME			
		KARANG ANTU			
DIMENSION	Milimeter	DRAWING NO			
		S, R, O, P, -, K, R, A, -, 0, 8, 3, -, 5,			
		PT. Aneka Asia Buana			

PLN LINE
1.2KVA
220V, 1Ø, 2W



TO RADIO
EQUIPMENT

APPROVED BY JICA
DRAWN BY AAB

LEGEND

KVA : KILO VOLT AMPERE
V : VOLT
W : WIRE
Ø : PHASE

DATE Sept 06, 2001	DRAWING TITLE POWER BLOCK DIAGRAM	SHEET NO 1/1
SCALE No Scale	SITE NAME KARANG ANTU	
DIMENSION Milimeter	DRAWING NO S, R, O, P, -, K, R, A, -, 0, 8, 3, -, 6,	
JICA - PT. Aneka Asia Buana		

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

4th-B Class Coast Station Kronjo (Coast Station No. 84)

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	KRONJO		
	CLASS	4th-B	NO.	84

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Jl. Pulau Cangkir No. 01, Kronjo			106° 25' 57" E	06° 03' 02.4" S

2. GENERAL CONDITIONS					
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population
By Car	to Kronjo [Taking time: 3.00 hr.]	<input checked="" type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input type="checkbox"/> Hotel	
		<input type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input checked="" type="checkbox"/> Motel	
		<input type="checkbox"/> Unpaved road	<input checked="" 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 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 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 checked="" 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"/>	<input type="checkbox"/>	Lightning system	
Altitude	50.00 M			Telephone Lines		<input checked="" type="checkbox"/>	<input type="checkbox"/> Feeder Cable Way
Land area	102.20 m ²			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		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 checked="" type="checkbox"/> Operations of E/G
Type of ceiling	Triplex	kVA	1.3			<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	Liter	
Flooring	Ceramic	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	9.00	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				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 checked="" type="checkbox"/>	<input type="checkbox"/> External noises	Total				
<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 COAST STATION	SITE	KRONJO		
	CLASS	4th-B	NO.	84

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			

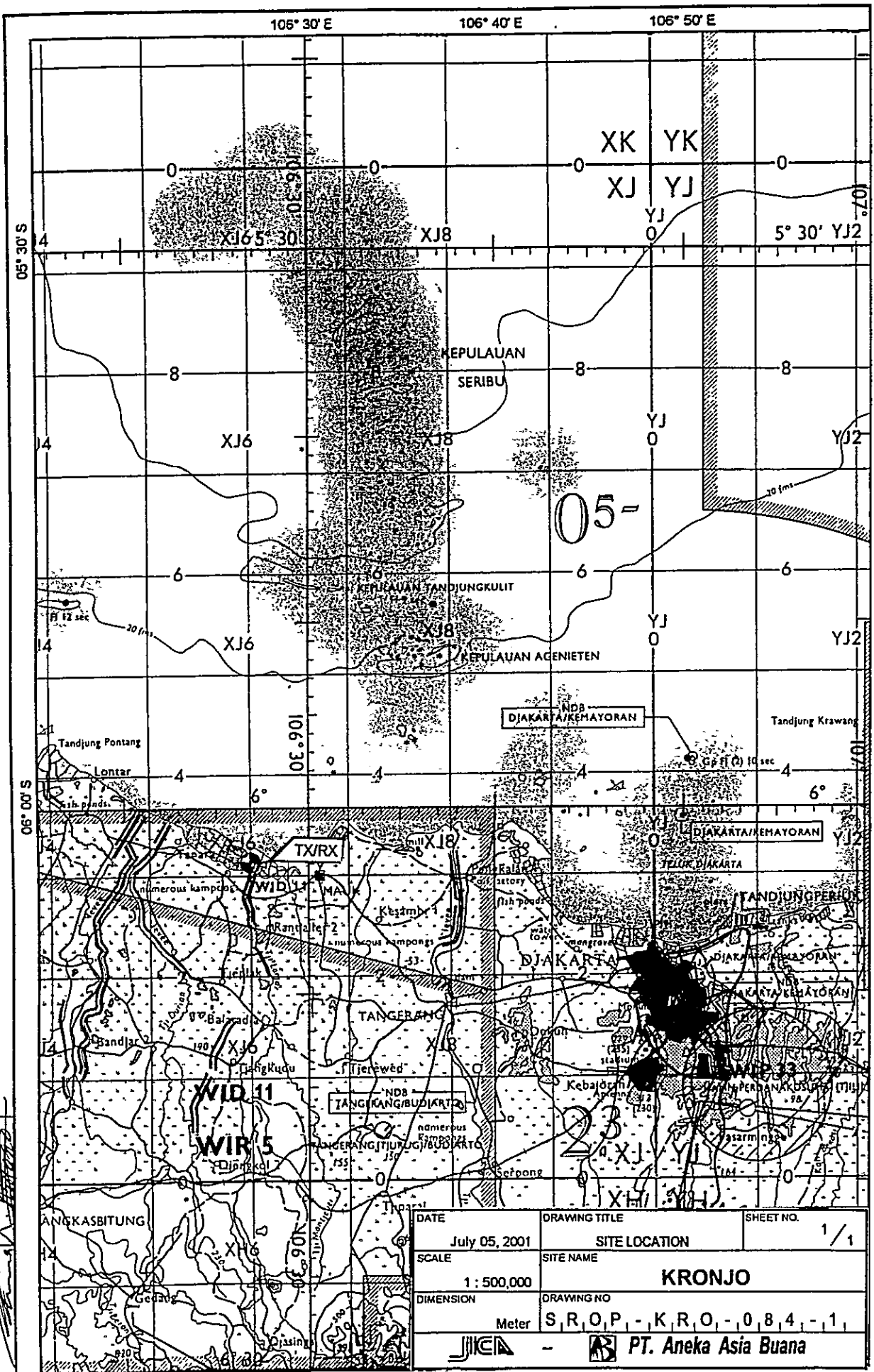
7. COMMENTS	
Suggestion	
Remarks	Operated by Kanpel Staff

INVENTORY

Site Name: Kronjo

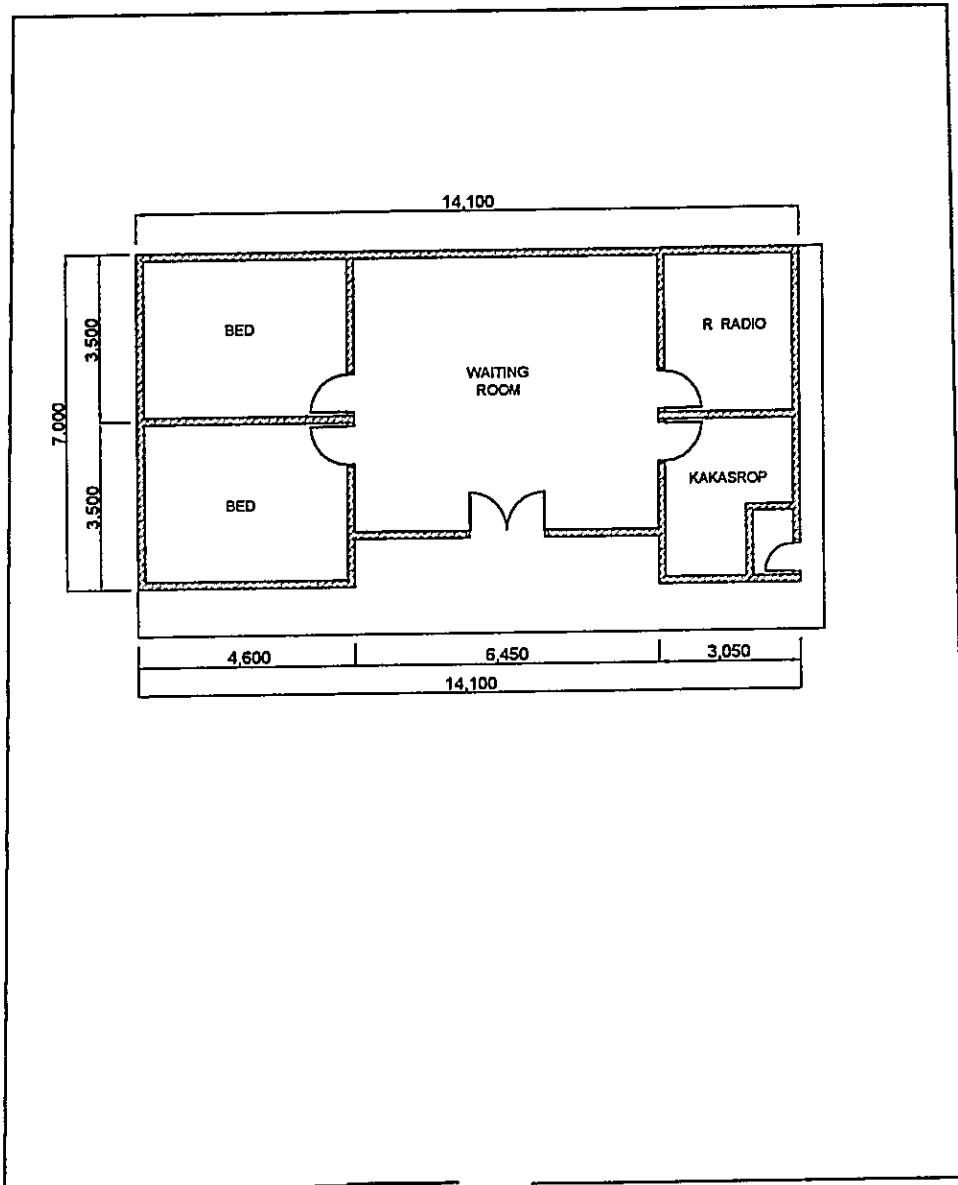
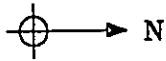
KRJ-084- (1 / 1)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		Transmitter							
1		SSB Transmitter			Yaesu	1973			Damaged



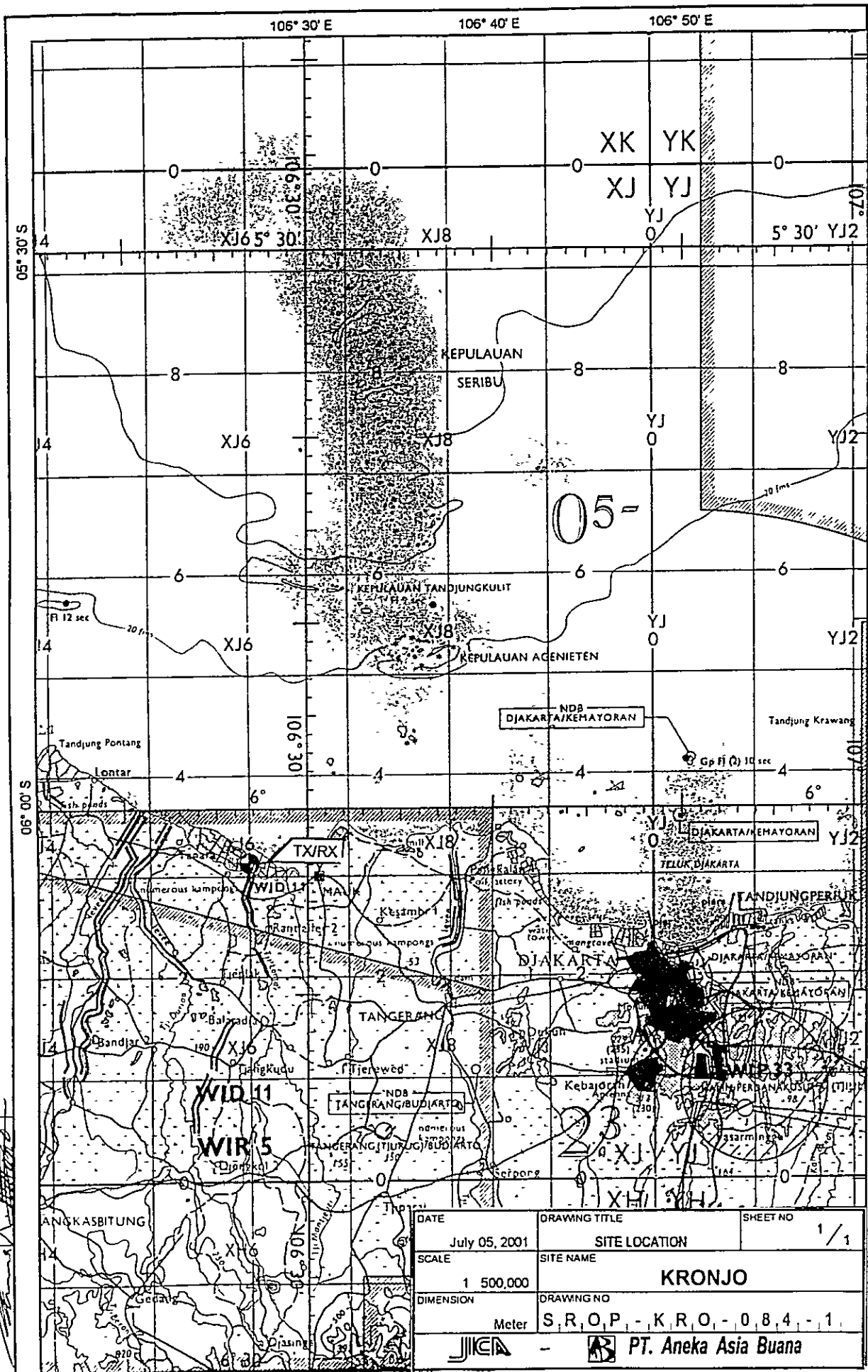
DRAWN BY AAB
 APPROVED BY JICA

DATE	DRAWING TITLE	SHEET NO.
July 05, 2001	SITE LOCATION	1/1
SCALE	SITE NAME	
1 : 500,000	KRONJO	
DIMENSION	DRAWING NO	
Meter	S R O P - K R O - 0 8 4 - 1	



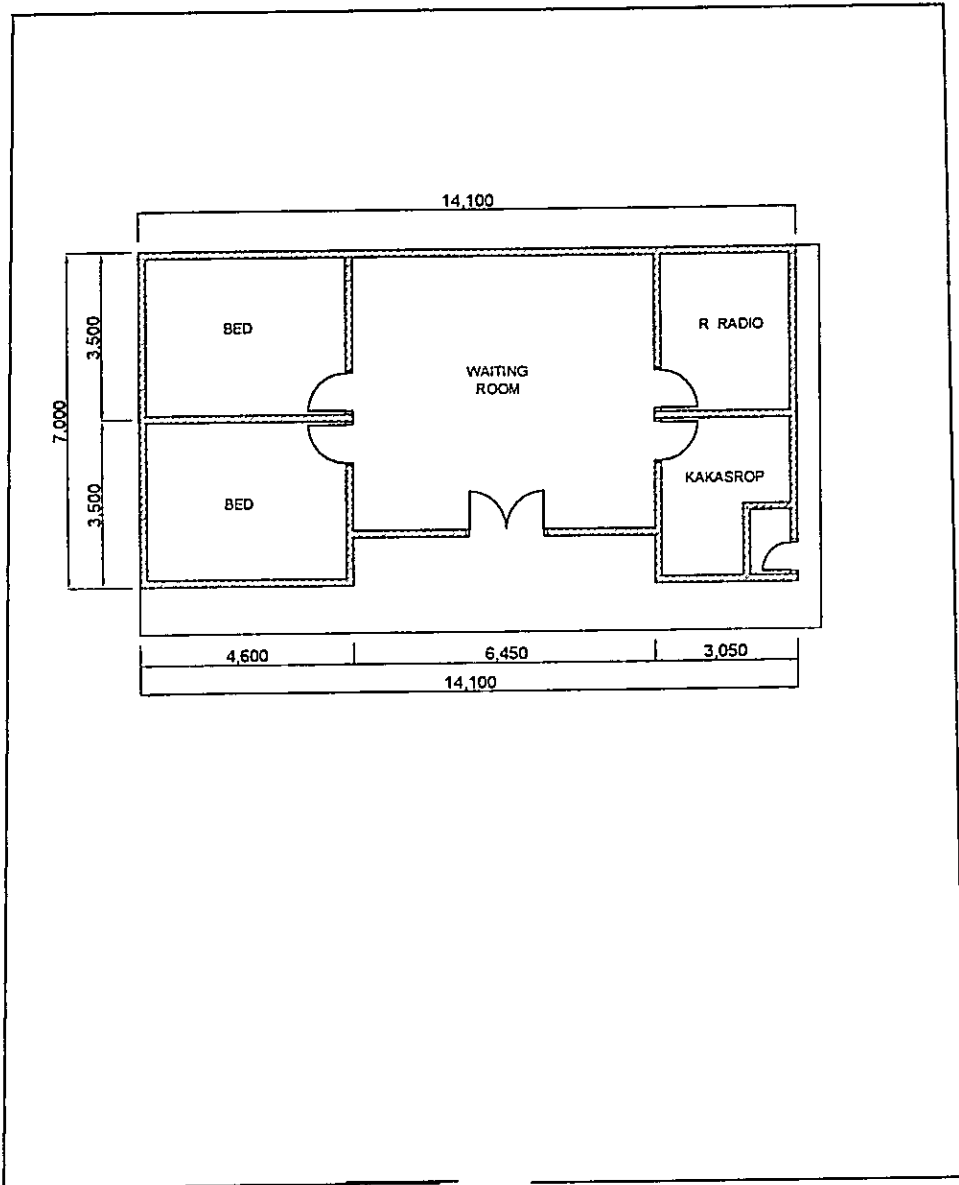
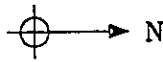
DRAWN BY AAB
 APPROVED BY JICA

DATE	DRAWING TITLE	SHEET NO
Sept 06, 2001	ANTENNA LAYOUT	1 / 1
SCALE	SITE NAME	
1 : 100	KRONJO	
DIMENSION	DRAWING NO.	
Milimeter	S, R, O, P, - K, R, O, - 0, 8, 4, - 2,	
- PT. Aneka Asia Buana		





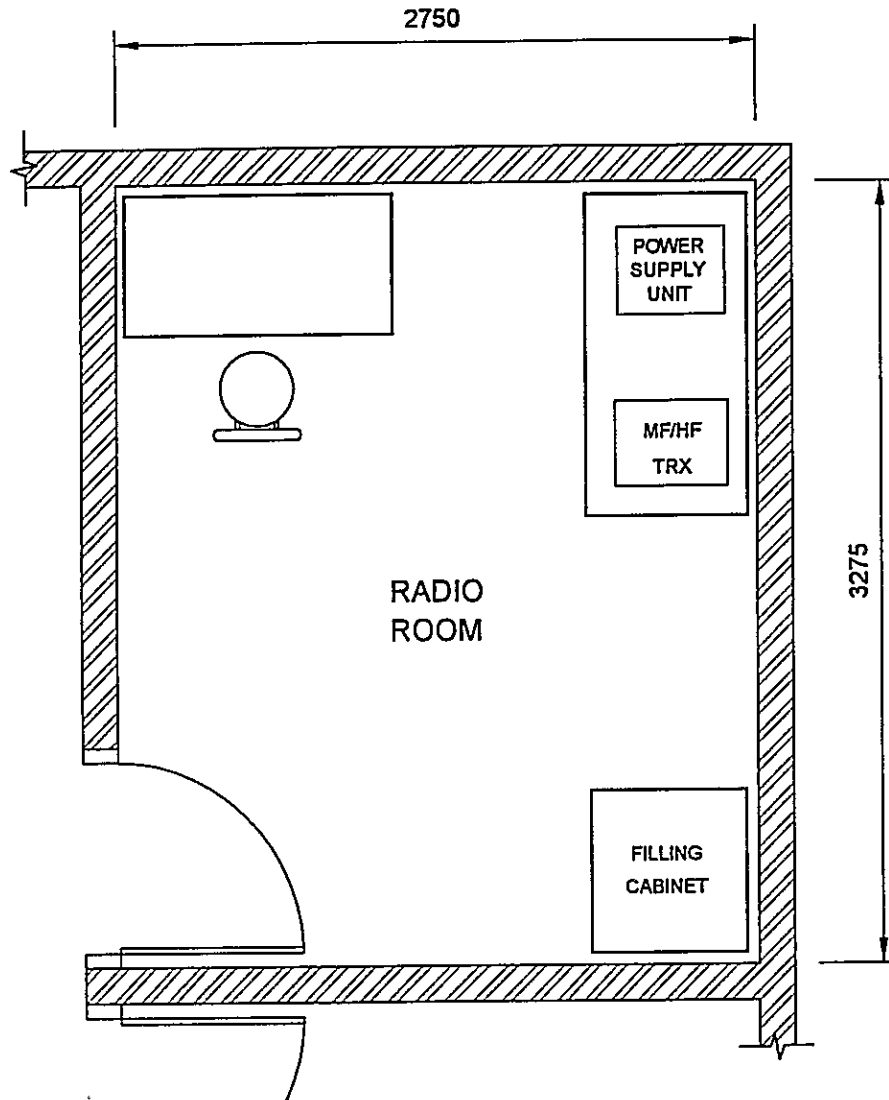
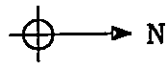
DRAWN BY AAB
 APPROVED BY JICA

DATE	DRAWING TITLE	SHEET NO
July 05, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 500,000	KRONJO	
DIMENSION	DRAWING NO	
Meter	S.R.O.P - K.R.O - 0.8.4 - 1.	
- PT. Aneka Asia Buana		



DRAWN BY AAB
 APPROVED BY JICA


DATE	DRAWING TITLE	SHEET NO
Sept 06, 2001	ANTENNA LAYOUT	1 / 1
SCALE	SITE NAME	
1 100	KRONJO	
DIMENSION	DRAWING NO	
Milimeter	S, R, O, P, - K, R, O, - . 0, 8, 4, - . 2	
 -  PT. Aneka Asia Buana		



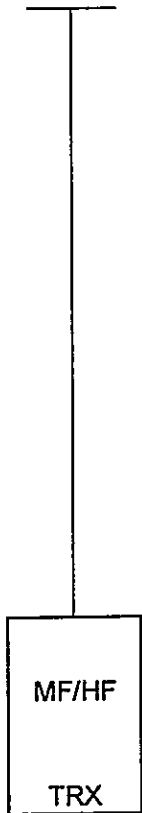
LEGEND

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

APPROVED BY JICA
DRAWN BY AAB

DATE Sept 06, 2001	DRAWING TITLE EQUIPMENT FLOOR LAYOUT	SHEET NO. 1/1
SCALE 1 : 30	SITE NAME KRONJO	
DIMENSION Milimeter	DRAWING NO S, R, O, P, -, K, R, O, -, 0, 8, 4, -, 3, 1	
JICA - PT. Aneka Asia Buana		

WHIP ANT



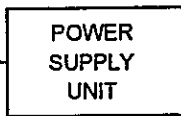
DRAWN BY AAB
APPROVED BY JICA:
[Signature]

LEGEND

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

DATE Sept 06, 2001	DRAWING TITLE SYSTEM BLOCK DIAGRAM	SHEET NO 1/1
SCALE No Scale	SITE NAME KRONJO	
DIMENSION Milimeter	DRAWING NO S,R,O,P - K,R,O - 0,8,4 - 5	
JICA - PT. Aneka Asia Buana		

PLN LINE



TO RADIO EQUIPMENT

DRAWN BY AAB
APPROVED BY JICA

DATE	Sept 06, 2001	DRAWING TITLE	POWER BLOCK DIAGRAM	SHEET NO	1 / 1
SCALE	No Scale	SITE NAME KRONJO			
DIMENSION	Milimeter	DRAWING NO S, R, O, P, - K, R, O, - 0, 8, 4, - 6, 1			
JICA		PT. Aneka Asia Buana			