

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

4th-B Class Coast Station Pegatan Mandawai (Coast Station No. 139)

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	PEGATAN MANDAWAI		
	CLASS	4th-B	NO.	139

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

2. GENERAL CONDITIONS					
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population
By Air	to B Masin [Taking time: 1:30 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input type="checkbox"/> Hotel	
By Air	to P. Bunn [Taking time: 0:30 hr.]	<input type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input type="checkbox"/> Motel	
By Car	to Location [Taking time: 0:30 hr.]	<input type="checkbox"/> Unpaved road	<input type="checkbox"/> Light		
			<input type="checkbox"/> None		

3. CONDITIONS OF STATION	Refer to attached drawing
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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 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 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 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	m ²		<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		Voltage	V	Good Bad	
Structure		Phase		<input 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	Liter
Flooring		Availability of power per day		Main tank	k Liter
Room Area (m ²)		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	No data.				

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS				
Actions taken in equipment failure							TX/RX	
Restoration flow				Chief				
Examples of major failure				Operator (skilled)			()	()
Sufficiency of spares				Technician (skilled)			()	()
Records of damages			Environmental Conditions		Administrator			
<input type="checkbox"/> Heavy rainfall			Good	Bad				
<input type="checkbox"/> Storm			<input type="checkbox"/>	<input type="checkbox"/>	T o t a l			
<input type="checkbox"/> Lightning			<input type="checkbox"/>	<input type="checkbox"/>				
<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	PEGATAN MANDAWAI		
	CLASS	4th-B	NO.	139

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	No data (Name only)

INVENTORY

Site Name: Pagatan Mandawi

PMW-139- (1 / 1)

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

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

4th-B Class Coast Station Pangkalan Bun (Coast Station No. 140)

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	PANGKALAN BUN		
	CLASS	4th-B	NO.	140

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX				111° 37' 12" E	02° 40' 32" S

2. GENERAL CONDITIONS					
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population
By Air	to B Masin [Taking time 1:30 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input type="checkbox"/> Hotel	
By Air	to P. Bun [Taking time 0:45 hr.]	<input type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input type="checkbox"/> Motel	
By Car	to Location [Taking time. 0:30 hr.]	<input type="checkbox"/> Unpaved road	<input type="checkbox"/> Light		
			<input type="checkbox"/> None		

3. CONDITIONS OF STATION				Refer to attached drawing	
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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 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 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 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	m ²		<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		Voltage	V	V	Good Bad
Structure		Phase			<input 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	Liter
Flooring		Availability of power per day	Hours	Main tank	k Liter
Room Area (m ²)		Power interruption /month	Times	E/G Stand-by System	
Operation room		Total interpt. hours /month	Hours	<input type="checkbox"/> Single System	
E / G room		Max. interpt. hours at once	Hours	<input type="checkbox"/> Dual System	
Remark	No data (Name only)				

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 type="checkbox"/>	<input type="checkbox"/>	External noises		Total			
<input type="checkbox"/> Lightning		<input 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	PANGKALAN BUN		
	CLASS	4th-B	NO.	140

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

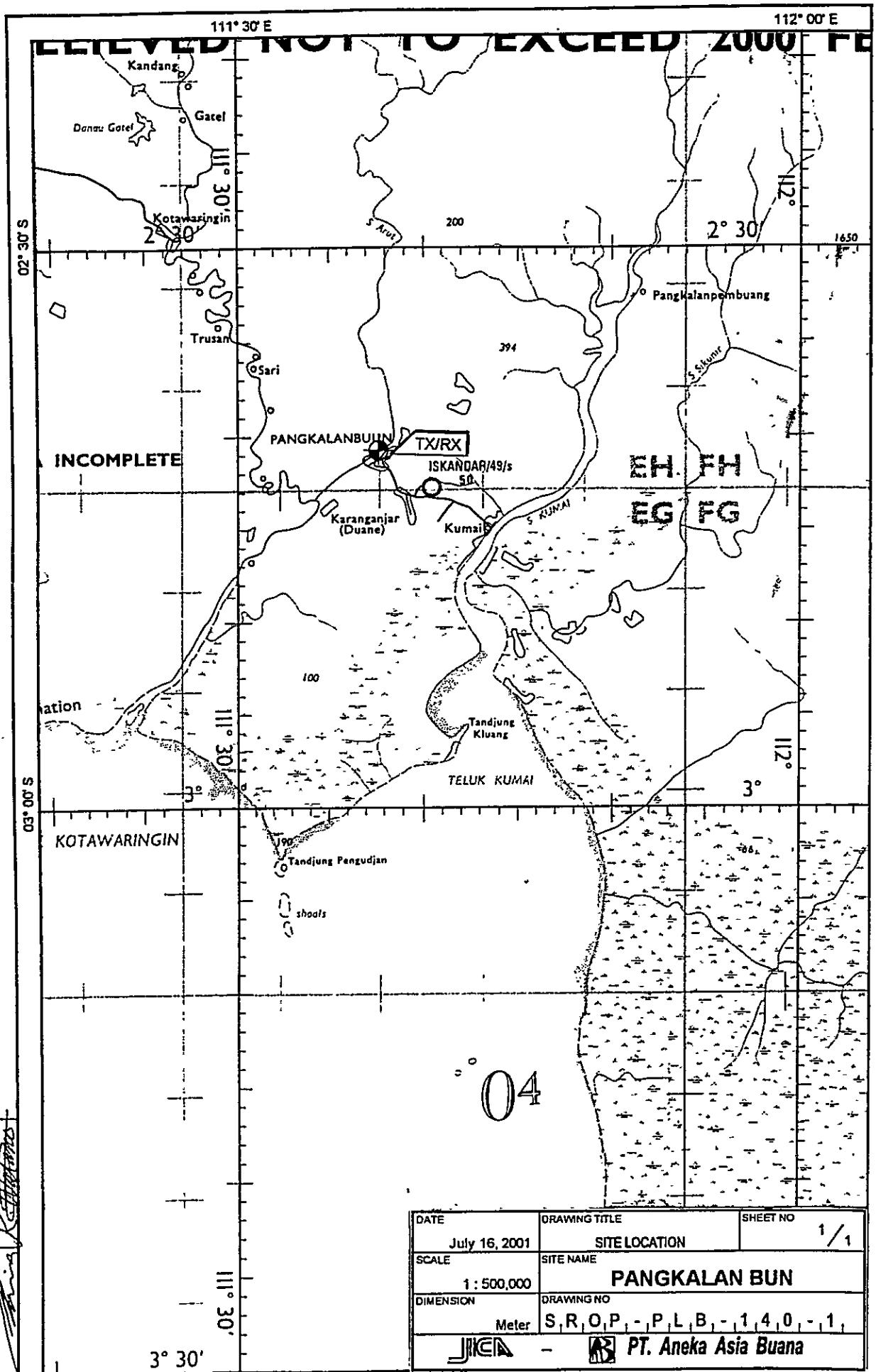
7. COMMENTS	
Suggestion	
Remarks	

INVENTORY

Site Name: Pangkalan Bun

PLB-140- (1 / 1)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
Data not Available due to no Response from Coast Station									



APPROVED BY JICA
 DRAWN BY AAB

DATE	DRAWING TITLE	SHEET NO
July 16, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 500,000	PANGKALAN BUN	
DIMENSION	DRAWING NO	
Meter	S.R.O.P. - P.L.B. - 1.4.0. - 1.	
JICA	PT. Aneka Asia Buana	

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

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

**1ST CLASS DISTRICT NAVIGATION AREA (16)
SAMARINDA**

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

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

1st Class District Navigation Area (16) Samarinda

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DISNAV	16	Samarinda	1st Class
KANWIL	16	Samarinda	
KPLP	16	Balikpapan	
SROP	141	Balikpapan	2nd Class
	142	Samarinda	3rd Class
	143	Muara Pegah	4th-A Class
	144	Tg. Santan	4th-A Class
	145	Sangata	4th-B Class
	146	Sangkulirang	4th-B Class
	147	Tanah Grogot	4th-B Class
	148	Bontang	4th-B Class

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

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

1st Class District Navigation Office (Area-16) Samarinda

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- Operation Schedule (Frequencies)
- Site Location
- Antenna Layout
- Equipment Floor Layout
- E/G Floor Layout
- System Block Diagram
- Power Block Diagram

Note :

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

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY OF DISNAV	SITE	SAMARINDA		
	CLASS	1st	NO.	16

1. LOCATION				
Address	Tel.	Fax	Longitude	Latitude
II. Lumba-Lumba, Samarinda 75116	743482		° ' "	° ' "

2. GENERAL CONDITIONS				
Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
By Air to B. Papan [Taking time 1.30 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	
By Car to Location [Taking time 1.30 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 DISNAV OFFICE	Refer to attached drawing
---------------------------------------	---------------------------

3.1 Site Conditions			
Topography	Nature of Soil	Past disaster of site	Confirmation of existing system
<input checked="" type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	Yes No
<input type="checkbox"/> Slope	<input checked="" type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input type="checkbox"/> <input checked="" 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 type="checkbox"/> Clay	<input type="checkbox"/> Flood	<input type="checkbox"/> <input checked="" type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy	<input type="checkbox"/> Flood Tide	<input type="checkbox"/> <input checked="" type="checkbox"/> Lightning system
Altitude	m	<input type="checkbox"/> Rain Leakage	<input type="checkbox"/> <input checked="" type="checkbox"/> Feeder Cable Way
Land area	m ²	<input type="checkbox"/> Ground Subsidence	<input type="checkbox"/> <input checked="" type="checkbox"/> City water
		Telephone Lines	
		<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	Two	Voltage	V	Good Bad
Structure	Concrete	Phase		<input type="checkbox"/> <input type="checkbox"/> Power Supply System
Type of roof	Asbestos	Wire		<input type="checkbox"/> <input type="checkbox"/> Operations of E/G
Type of ceiling	Asbestos	kVA		<input type="checkbox"/> <input type="checkbox"/> Operations of AVR
Type of wall	Mortar	Quality of PLN source		Capacity of fuel for engine
Wall finish	Mortar	Fluctuations	V ± %	Day tank Liter
Flooring	Tile	Availability of power per day	Hours	Main tank k Liter
Room Area (m²)		Power interruption /month	Times	E/G Stand-by System
Operation room		Total interpt. hours /month	Hours	<input type="checkbox"/> Single System
E / G room		Max. interpt. hours at once	Hours	<input type="checkbox"/> Dual System
Remark	No Data			

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

SUMMARY OF DISNAV	SITE	SAMARINDA		
	CLASS	1st	NO	16

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	

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

**Kanwil Office (Disnav Area - 16)
Samarinda**

Table of Content

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

Drawings:

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

Note :

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

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY OF KANWIL	SITE	SAMARINDA		
	CLASS		NO.	16

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

2. GENERAL CONDITIONS				
Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
By Air to B. Papan [Taking time: 1:30 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	
By Car to Location [Taking time: 1:30 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 KANWIL OFFICE	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	Yes No
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input type="checkbox"/> <input checked="" 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 type="checkbox"/> Clay	<input type="checkbox"/> Flood	<input type="checkbox"/> <input checked="" type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy	<input type="checkbox"/> Flood Tide	<input type="checkbox"/> <input checked="" type="checkbox"/> Lightning system
Altitude	m	<input type="checkbox"/> Rain Leakage	<input type="checkbox"/> <input checked="" type="checkbox"/> Feeder Cable Way
Land area	m ²	<input type="checkbox"/> Ground Subsidence	<input type="checkbox"/> <input checked="" type="checkbox"/> City water

3.2 Building Conditions		3.3 Power Source		
Constructions		PLN Source	E/G	Existing Power Conditions
Num. of story	Voltage	V	V	Good Bad
Structure	Phase			<input type="checkbox"/> <input checked="" type="checkbox"/> Power Supply System
Type of roof	Wire			<input type="checkbox"/> <input checked="" type="checkbox"/> Operations of E/G
Type of ceiling	kVA			<input type="checkbox"/> <input checked="" type="checkbox"/> Operations of AVR
Type of wall	Quality of PLN source		Capacity of fuel for engine	
Wall finish	Fluctuations	V ± %	Day tank	Liter
Flooring	Availability of power per day	Hours	Main tank	k Liter
Room Area (m²)	Power interruption /month	Times	E/G Stand-by System	
Operation room	Total interpt. hours /month	Hours	<input type="checkbox"/> Single System	
E / G room	Max. interpt. hours at once	Hours	<input type="checkbox"/> Dual System	
Remark	No Data			

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

SUMMARY OF KANWIL	SITE	SAMARINDA	
	CLASS	NO.	16

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	

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

Kanwil Office (Disnav Area - 16) Samarinda

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

Drawings:

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

Note :

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

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY OF KANWIL	SITE	SAMARINDA		
	CLASS		NO.	16

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

2. GENERAL CONDITIONS				
Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
By Air to B Papan [Taking time: 1:30 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	
By Car to Location [Taking time: 1:30 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 KANWIL OFFICE	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	Voltage	V	V	Good Bad
Structure	Phase			<input type="checkbox"/> <input checked="" type="checkbox"/> Power Supply System
Type of roof	Wire			<input type="checkbox"/> <input checked="" type="checkbox"/> Operations of E/G
Type of ceiling	kVA			<input type="checkbox"/> <input checked="" type="checkbox"/> Operations of AVR
Type of wall	Quality of PLN source		Capacity of fuel for engine	
Wall finish	Fluctuations	V ± %	Day tank	Liter
Flooring	Availability of power per day	Hours	Main tank	k Liter
Room Area (m ²)	Power interruption /month	Times	E/G Stand-by System	
Operation room	Total interpt. hours /month	Hours	<input type="checkbox"/> Single System	
E / G room	Max. interpt. hours at once	Hours	<input type="checkbox"/> Dual System	
Remark	No Data			

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

SUMMARY OF KANWIL	SITE	SAMARENDA		
	CLASS		NO.	16

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	

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

**ADPEL/KPLP Office (Disnav Area - 16)
Samarinda**

Table of Content

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

Note :

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

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

November 2001

SUMMARY OF ADPEL / KPLP	SITE	SAMARINDA		
	CLASS		NO.	XVI

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

2. GENERAL CONDITIONS				
Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
By Air to B Papan [Taking time 1:30 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	
By Car to Location [Taking time: 1:00 hr.]	<input checked="" type="checkbox"/> Paved	<input checked="" type="checkbox"/> Medium	<input type="checkbox"/> Motel	
	<input type="checkbox"/> Unpaved road	<input type="checkbox"/> Light		
		<input type="checkbox"/> None		

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

3.1 Site Conditions			
Topography	Nature of Soil	Past disaster of site	Confirmation of existing system
<input checked="" type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Flood	Yes No
<input type="checkbox"/> Slope	<input checked="" 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 type="checkbox"/> <input type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input 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	m ²	<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		Voltage	220 V	Good Bad
Structure		Phase	1	<input type="checkbox"/> <input checked="" type="checkbox"/> Power Supply System
Type of roof		Wire	2	<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		Liter
Room Area (m ²)		Hours	Times	Main tank
Operation room		Power interruption /month	Hours	k Liter
E / G room		Total interpt. hours /month	Hours	E/G Stand-by System
Remark	No data	Max. interpt. hours at once	Hours	<input type="checkbox"/> Single System
				<input type="checkbox"/> Dual System

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

SUMMARY OF ADPEL / KPLP	SITE	SAMARINDA		
	CLASS		NO.	XVI

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			

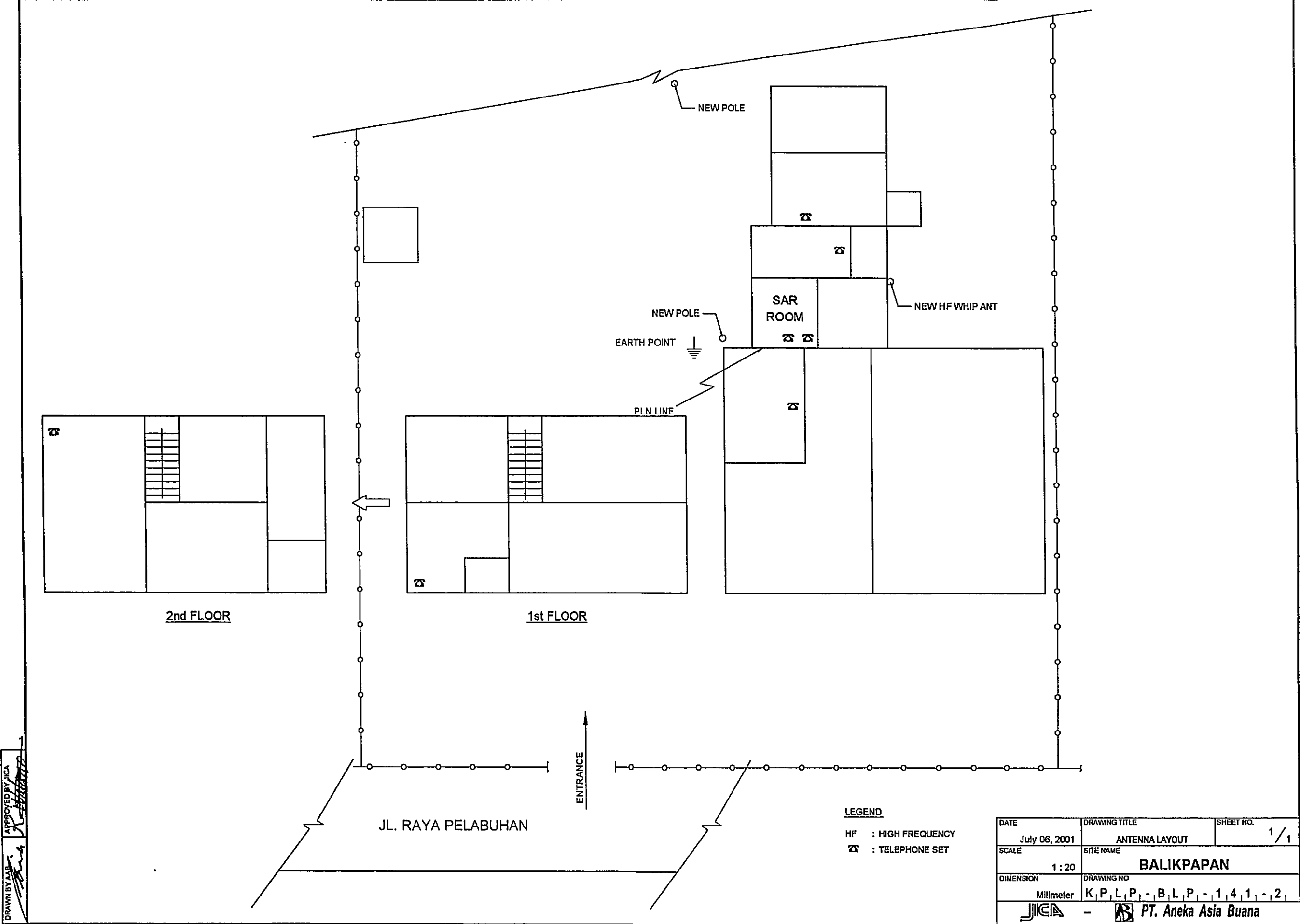
7. COMMENTS	
Suggestion	
Remarks	No data

INVENTORY

Site Name: Adpel Samarinda

KPLP-SMD-XVI-(1 / 1)

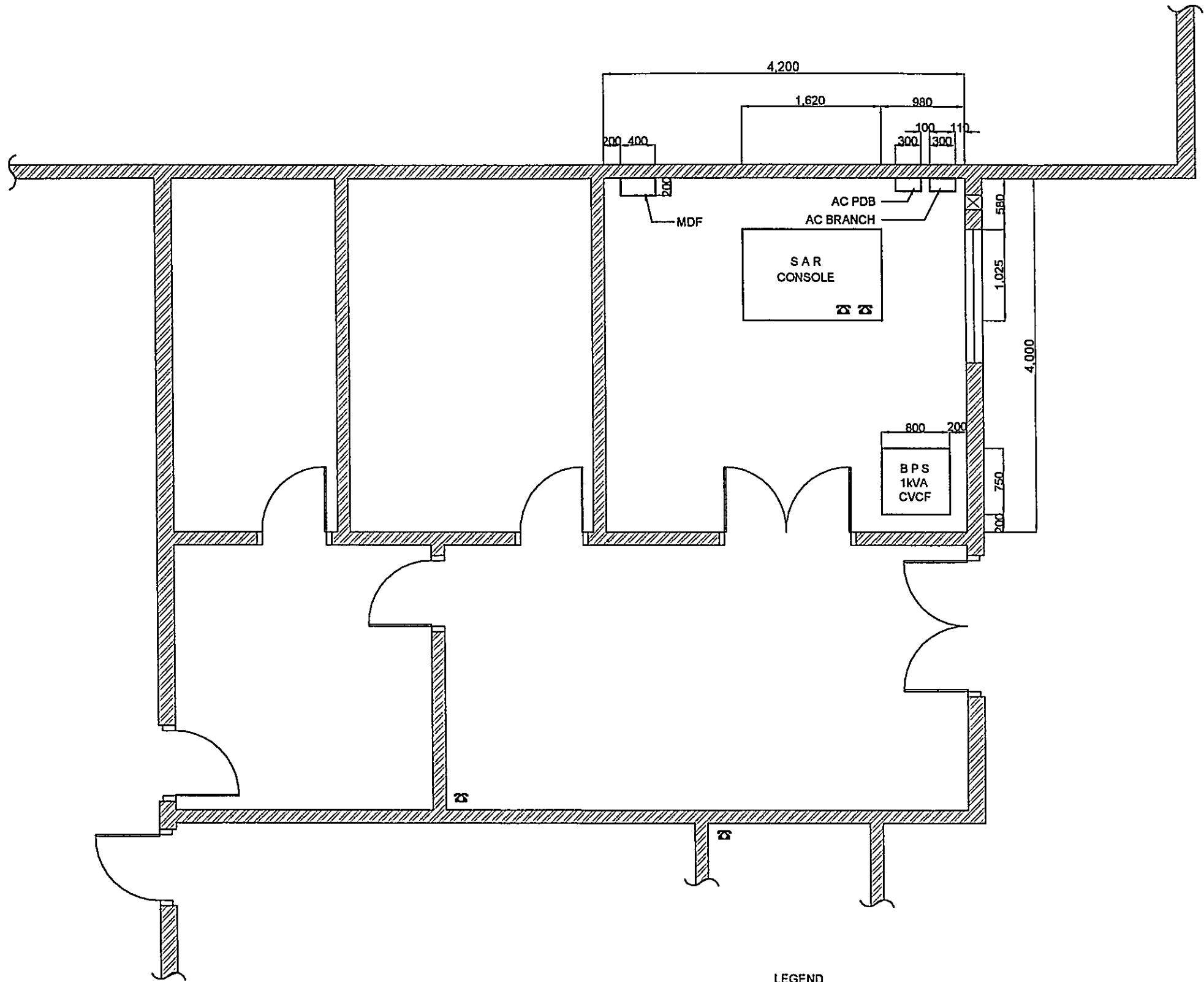
No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1	1-1	Radio Equipment							
1-1-1		Operator Console/Desk/Rack Console-III-I	NRD-93		JRC	1989	SAR Project		
		All Wave Receiving	NDH-93		JRC	1989	SAR Project		
		Spot Scanning Unit	NCH-300		JRC	1989	SAR Project		
		Telecontroller (TX)	NCG-95		JRC	1989	SAR Project		
		Telecontroller (RX)			JRC	1989	SAR Project		
		Marine VHF Telecontroller			JRC	1989	SAR Project		
		Signal Controller	NQP-21		JRC	1989	SAR Project		
		Speaker Panel	NVA-64		JRC	1989	SAR Project		
		Analog Clock	J-70-P-b		JRC	1989	SAR Project		
		Digital Clock	NKH-100		JRC	1989	SAR Project		
		Remote Control Unit (For MTRX)	JCC-300RR8		JRC	1989	SAR Project		
		Dialing Unit			JRC	1989	SAR Project		
		Headset (x2)			JRC	1989	SAR Project		
		Headset (For MTRX)			JRC	1989	SAR Project		
		Ancillaries			JRC	1989	SAR Project		
		Console			JRC	1989	SAR Project		
		Telephone Device (x2)			JRC	1989	SAR Project		
		2128kHz A/A RX Monitor			JRC	1989	SAR Project		
		(TX) Telecontroller (For E)			JRC	1989	SAR Project		
		Telephony (x8)			JRC	1989	SAR Project		
		Telex			JRC	1989	SAR Project		
		Power Supply Equipment	NCH-300						
		Isolation Transformer 1kVA			JRC	1989	SAR Project		
		Battery Charger 24V, 10A			JRC	1989	SAR Project		
		Battery 30AH, 12cells			JRC	1989	SAR Project		
1-1-2									



DRAWN BY AAB
 APPROVED BY JICA
[Signature]

LEGEND
 HF : HIGH FREQUENCY
 ☒ : TELEPHONE SET

DATE	DRAWING TITLE	SHEET NO.
July 06, 2001	ANTENNA LAYOUT	1/1
SCALE	SITE NAME	
1 : 20	BALIKPAPAN	
DIMENSION	DRAWING NO	
Millimeter	K, P, L, P, - B, L, P, - 1, 4, 1, - 2,	

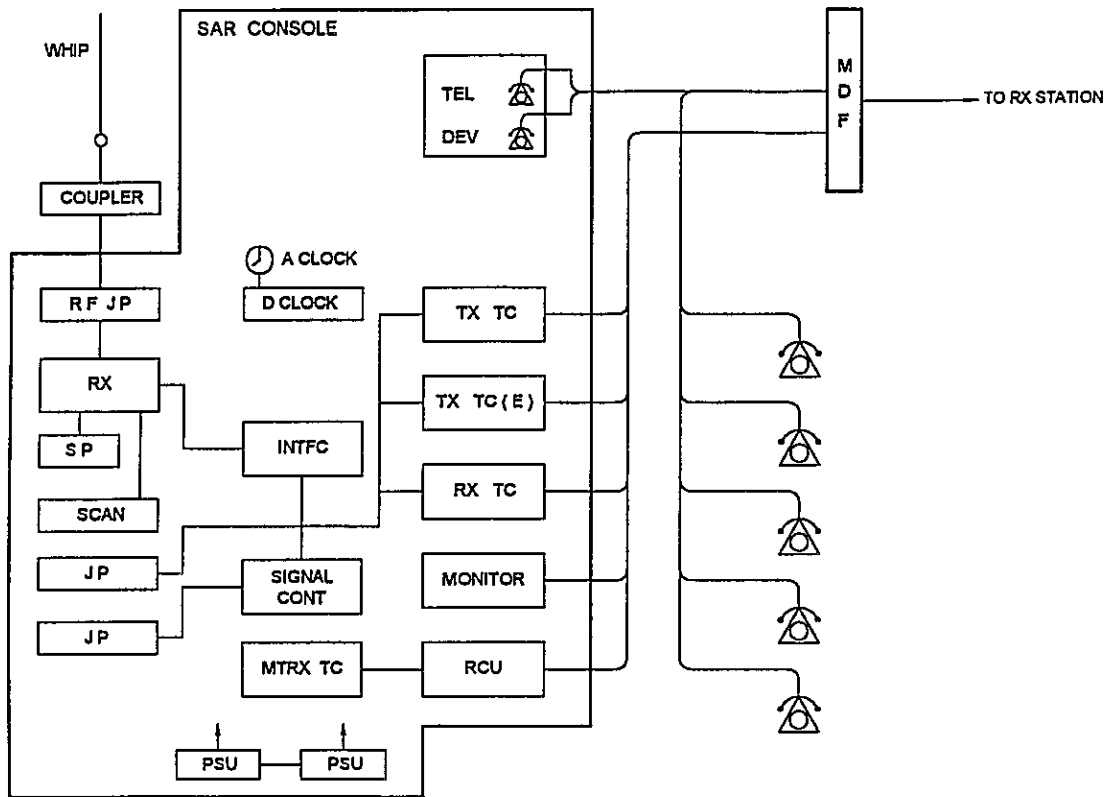


DRAWN BY: AAR. APPROVED BY: JICA.

LEGEND

- AC : ALTERNATING CURRENT
- BPS : BATTERY POWER SUPPLY
- kVA : KILO VOLT AMPERE
- MDF : MAIN DISTRIBUTION FRAME
- PDB : POWER DISTRIBUTION BOARD
- ☎ : TELEPHONE SET

DATE	DRAWING TITLE	SHEET NO
July 06, 2001	EQUIPMENT FLOOR LAYOUT	1/1
SCALE	SITE NAME	
1 : 20	BALIKPAPAN	
DIMENSION	DRAWING NO	
Millimeter	K, P, L, P, - B, L, P, - 1, 4, 1, - 3	
- PT. Aneka Asia Buana		



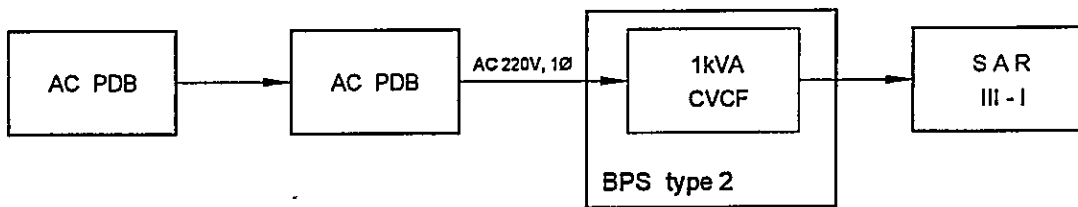
LEGEND

- BPS BATTERY POWER SUPPLY
- JP JACK PANEL
- MDF MAIN DISTRIBUTION FRAME
- PSU POWER SUPPLY UNIT
- RX RECEIVER (ING)
- TX TRANSMITTER (ING)
- TEL TELEPHONE

DATE	DRAWING TITLE	SHEET NO
July 06, 2001	SYSTEM BLOCK DIAGRAM	1 / 1
SCALE	SITE NAME	
No Scale	BALIKPAPAN	
DIMENSION	DRAWING NO.	
Milimeter	K, P, L, P, - B, L, P, - 1, 4, 1, - 5, 1	
- PT. Aneka Asia Buana		

DRAWN BY AAB

APPROVED BY JICA



DRAWN BY AAB
 APPROVED BY JICA:

LEGEND

- AC :ALTERNATING CURRENT
- V :VOLT
- W :WIRE
- Ø :PHASE

DATE	DRAWING TITLE	SHEET NO
July 05, 2001	POWER BLOCK DIAGRAM	1 / 1
SCALE	SITE NAME	
No Scale	BALIKPAPAN	
DIMENSION	DRAWING NO	
Milimeter	K, P, L, P, - B, L, P, - 1, 4, 1, - 6,	
- PT. Aneka Asia Buana		



AIR PORT RUN WAY SIDE

EXISTING SERVICE ROAD

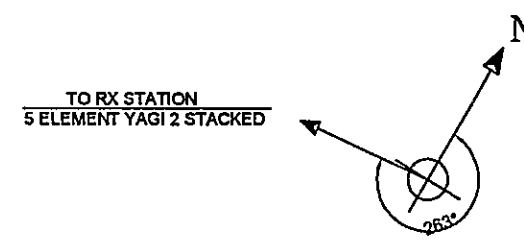
PELITA

APPROX. 65m

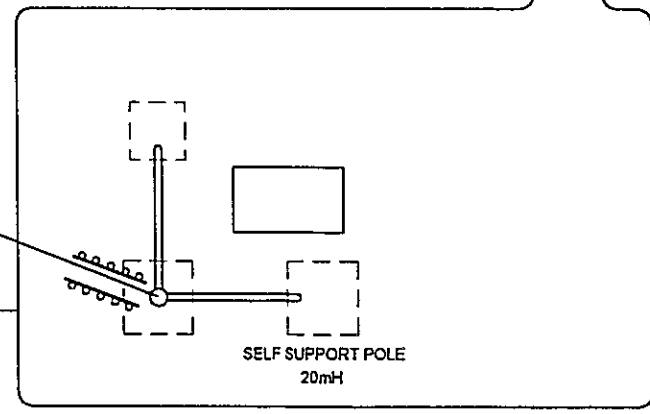
FIELD

TEMPORARY ACCESS ROAD

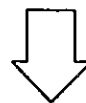
FIELD



VHF ANT

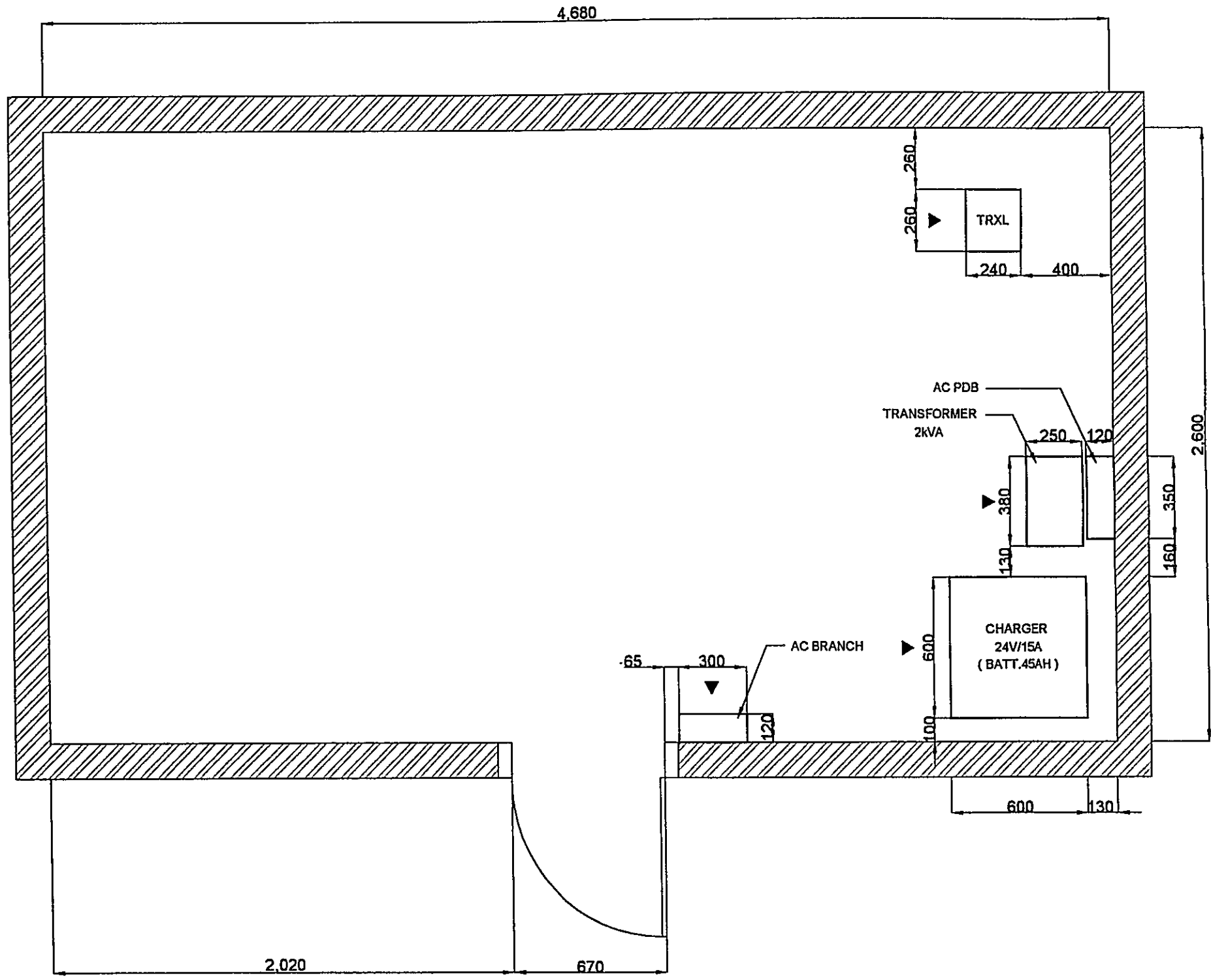


SEA SIDE



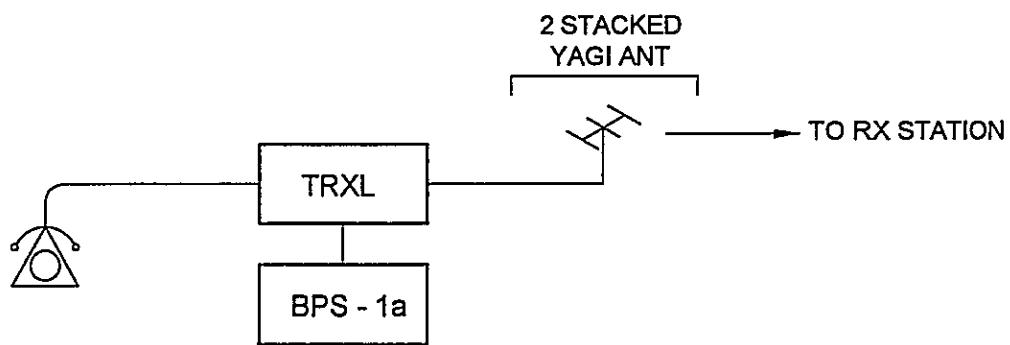
DRAWN BY AAB
APPROVED BY JICA
[Signature]

DATE	DRAWING TITLE	SHEET NO.
July 06, 2001	ANTENNA LAYOUT	1/1
SCALE	SITE NAME	
1:300	BALIKPAPAN	
DIMENSION	DRAWING NO	
Millimeter	S, K, R, - B, L, P, - 1, 4, 1, - 2,	
JICA	PT. Aneka Asia Buana	





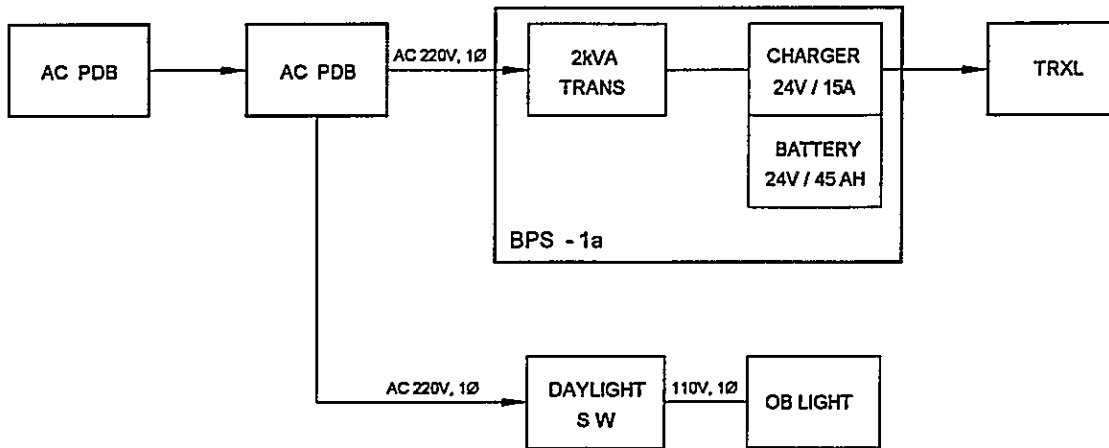
DRAWN BY: ABE
 APPROVED BY: JICA

DATE	DRAWING TITLE	SHEET NO.
July 06, 2001	EQUIPMENT FLOOR LAYOUT	1 / 1
SCALE	SITE NAME	
1 : 20	BALIKPAPAN	
DIMENSION	DRAWING NO.	
Millimeter	S, K, R, - B, L, P, - 1, 4, 1, - 3, 1	



DRAWN BY AAR
 APPROVED BY JICA

DATE July 06, 2001	DRAWING TITLE SYSTEM BLOCK DIAGRAM	SHEET NO. 1/1
SCALE No Scale	SITE NAME BALIKPAPAN	
DIMENSION Milimeter	DRAWING NO S, K, R, -, B, L, P, -, 1, 4, 1, -, 5,	
 -  PT. Aneka Asia Buana		



DRAWN BY AAB
 APPROVED BY JICA:

LEGEND

- AC :ALTERNATING CURRENT
- KVA :KILO VOLT AMPERE
- PDB :POWER DISTRIBUTION BOARD
- V :VOLT
- W :WIRE
- Ø :PHASE

DATE	DRAWING TITLE	SHEET NO
July 05, 2001	POWER BLOCK DIAGRAM	1 / 1
SCALE	SITE NAME	
No Scale	BALIKPAPAN	
DIMENSION	DRAWING NO	
Milimeter	S, K, R, - B, L, P, - 1, 4, 1, - 6,	
- PT. Aneka Asia Buana		

SUMMARY OF COAST STATION	SITE	BALIK PAPAN		
	CLASS	2nd	NO.	141

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
RX	Jl. Gunung Komendur No. 40	0542-735333		116° 48' 38" E	01° 16' 32" S
TX	Jl. Yos Sudarso No. 1	0542-51737		116° 48' 30" E	01° 16' 15" S

2. GENERAL CONDITIONS					
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population
By Air	to Balik Papan [Taking time 1:30 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	400,000
By Car	to Location [Taking time 0:30 hr.]	<input checked="" type="checkbox"/> Paved	<input checked="" type="checkbox"/> Medium	<input type="checkbox"/> Motel	
		<input type="checkbox"/> Unpaved road	<input type="checkbox"/> Light		
			<input type="checkbox"/> None		

3. CONDITIONS OF RECEIVING 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 checked="" type="checkbox"/>	<input type="checkbox"/> Antenna
<input checked="" type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rocky	<input type="checkbox"/> Rain Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/> Towers (Masts)
<input type="checkbox"/> Basin	<input type="checkbox"/> Clay		<input type="checkbox"/> Ground Subsidence	<input checked="" type="checkbox"/>	<input type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input checked="" type="checkbox"/> Sandy			<input checked="" type="checkbox"/>	<input type="checkbox"/> Lightning system
Altitude	136.60 M		Telephone Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/> Feeder Cable Way
Land area	6,500 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	Structure	Phase	3	<input checked="" type="checkbox"/>	<input type="checkbox"/> Power Supply System
Type of roof	Shingle	Wire	4	<input checked="" type="checkbox"/>	<input type="checkbox"/> Operations of E/G
Type of ceiling	Triplex	kVA	13.2	<input checked="" type="checkbox"/>	<input type="checkbox"/> Operations of AVR
Type of wall	Concrete Brick	Quality of PLN source		Capacity of fuel for engine	
Wall finish	Mortar	Fluctuations	220 V ± %	Day tank	20 Liter
Flooring	Ceramic	Availability of power per day	24 Hours	Main tank	k Liter
Room Area (m²)		Power interruption /month	8 Times	E/G Stand-by System	
Operation room	67.5	Total interpt. hours /month	16 Hours	<input type="checkbox"/>	<input type="checkbox"/> Single System
E / G room	46.9	Max. interpt. hours at once	2 Hours	<input checked="" type="checkbox"/>	<input type="checkbox"/> Dual System
Remark					

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

Site Conditions					
Topography	Nature of Soil		Past disaster of site	Confirmation of existing system	
<input checked="" type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Limestone	<input type="checkbox"/> Flood	Yes	No
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Gravel	<input type="checkbox"/> Flood Tide	<input checked="" type="checkbox"/>	<input type="checkbox"/> Antenna
<input type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rocky	<input type="checkbox"/> Rain Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/> Towers (Masts)
<input type="checkbox"/> Basin	<input type="checkbox"/> Clay		<input type="checkbox"/> Ground Subsidence	<input checked="" type="checkbox"/>	<input type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input checked="" type="checkbox"/> Sandy			<input checked="" type="checkbox"/>	<input type="checkbox"/> Lightning system
Altitude	136.60 m		Telephone Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/> Feeder Cable Way
Land area	6,500 m ²		<input checked="" type="checkbox"/> Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/> City water

SUMMARY OF COAST STATION	SITE	BALIK PAPAN		
	CLASS	2nd	NO.	141

4. CONDITIONS OF TRANSMITTING STATION (Continued)				Refer to attached drawing	
Building Conditions		Power Source			
Constructions		PLN Source	E/G	Existing Power Conditions	
Num. of story	One	Voltage	220/380 V	220 V	Good Bad
Structure	Concrete	Phase	3	3	<input checked="" type="checkbox"/> <input type="checkbox"/> Power Supply System
Type of roof	Roof-Tile	Wire	4	4	<input checked="" type="checkbox"/> <input type="checkbox"/> Operations of E/G
Type of ceiling	Triplex	kVA	40	40	<input checked="" type="checkbox"/> <input type="checkbox"/> Operations of AVR
Type of wall	Brick	Quality of PLN source		Capacity of fuel for engine	
Wall finish	Mortar	Fluctuations	220 V ± %		Day tank Liter
Flooring	Tile	Availability of power per day	24 Hours		Main tank k Liter
Room Area (m²)		Power interruption /month		E/G Stand-by System	
Operation room	71.14	Total interpt. hours /month		Hours	<input type="checkbox"/> Single System
E / G room	35.56	Max. interpt. hours at once		Hours	<input checked="" type="checkbox"/> Dual System
Remark					

5. OPERATION AND MAINTENANCE				6. PERSONNEL FORMATIONS					
Actions taken in equipment failure					RX	TX			
Restoration flow	Repaired/Replacement spare part			Chief	1				
Examples of major failure	Antenna Matching damaged by lightning			Operator (skilled)	14 ()	1 ()			
Sufficiency of spares				Technician (skilled)	()	8 ()			
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	15	9		
<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	TTP	III	Jakarta			
3 Measuring eqpt./tools	<input type="checkbox"/> Enough	<input checked="" type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough						
4 Number of Operator	<input type="checkbox"/> Enough	<input checked="" type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough						
5 Number of Technician	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough						
6 Capability of Operator	<input checked="" type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable						
7 Capability of Technician	<input checked="" type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable						

7. STATISTICAL COMMUNICATION TRAFFIC DATA												
Maritime Safety					Public Telecommunication Service							
Years	TG	TEL	DSC	NBDP	Years	Telephone		TG Call	Years	Telephone		TG Call
						Call	Minute			Call	Minute	
1996		1			1991	213	618	702	1996	979	4,537	621
1997	1				1992	964	2,199	727	1997	988	4,286	394
1998		1			1993	652	1,996	620	1998	1,127	4,482	290
1999		1			1994	704	2,602	440	1999	780	3,172	130
2000					1995	953	4,877	392	2000	282	152	75

8. COMMENTS	
Suggestion	Together with technological advances, especially for electronic/telecommunications technology, therefore function of coast station became decrease, especially for public correspondence The function of Coast Station get competition with an official Coast Station which operation by Shipping Company because it is very easy to get the Transceiver Radio.
Remarks	

INVENTORY

Site Name: Balikpapan

BLP-141-(1/9)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		Transmitter							
1		1kW MF Transmitter	JRS-108 P	BS-61998	JRC	1987	F-TA-193:PH1		Good
2		1kW MF Transmitter	JRS-108 P	BS-61999	JRC	1987	F-TA-193:PH1		Good
3		1kW MF/HF Transmitter	JRS-106 NB	BS-61922	JRC	1987	F-TA-193:PH1		Good
4		1kW MF/HF Transmitter	JRS-106 NB	BS-61923	JRC	1987	F-TA-193:PH1		Good
5		1kW MF/HF Transmitter	JRS-106 NB	BS-61924	JRC	1987	F-TA-193:PH1		Good
6		1kW MF/HF Transmitter	JRS-106 NB	BS-61925	JRC	1987	F-TA-193:PH1		Good
7		1kW MF/HF Transmitter	JRS-106 NB	BS-61926	JRC	1987	F-TA-193:PH1		Good
8		1 kW HF TX (DSC/NBDP)	JRS-106NB	BS61935	JRC	1996	F-TA-193:PH3		Good
9		FS Demodulator	-	-	-	-	-		Good
1-2		Remote Control System							
1-2-1		Remote Control							
1		Remote Control Rack	GED-1090A	BP-90941	JRC	1987	F-TA-193:PH1		Good
2		Local Terminal Unit	JCC-300LR8	BP-90881	JRC	1987	F-TA-193:PH1		Good
3		Local Terminal Unit	JCC-300LR8	BP-90882	JRC	1987	F-TA-193:PH1		Good
4		Local Terminal Unit	JCC-300LR8	BP-90883	JRC	1987	F-TA-193:PH1		Good
5		Local Terminal Unit	JCC-300LR8	BP-90884	JRC	1987	F-TA-193:PH1		Good
6		Local Terminal Unit	JCC-300LR8	BP-90885	JRC	1987	F-TA-193:PH1		Good
7		Local Terminal Unit	JCC-300LR8	BP-90886	JRC	1987	F-TA-193:PH1		Good
8		Local Terminal Unit	JCC-300LR8	BP-90894	JRC	1996	F-TA-193:PH3		Good
9		Noise Filter (for GED-1113A)	NFH-300B	-	JRC	1996	F-TA-193:PH3		Good
1-2-2		Supervisory Console							
1		Receiver	NRD-93	BR-41446	JRC	1987	F-TA-193:PH1		Good
2		Speaker Panel (1)	NVA-64	-	JRC	1987	F-TA-193:PH1		Good
3		TX Status Display Panel (1)	NCG-61F	-	JRC	1987	F-TA-193:PH1		Good
4		Ant. Status Display Panel (1)	NFG-62C	-	JRC	1987	F-TA-193:PH1		Good
5		TX Signal Patching Panel	BP-90845	-	JRC	1987	F-TA-193:PH1		Good
6		Power Supply (1)	CBD-665	-	JRC	1987	F-TA-193:PH1		Good
7		Clock (1)	HCED00023	-	JRC	1987	F-TA-193:PH1		Good

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No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1-3		Operator Console/Desk/Rack							
1-3-1		MF TG Console							
1		Receiver	NRD-93	BR-41451	JRC	1987	F-TA-193:PHI		Good
2		Receiver	NRD-93	BR-41451	JRC	1987	F-TA-193:PHI		Good
3		Speaker Panel (1)	NVA-64	-	JRC	1987	F-TA-193:PHI		Good
4		Antenna Divider	CB-721S-S	0452	JRC	1987	F-TA-193:PHI		Good
5		Signal Controller	NQP-22	BP-90976	JRC	1987	F-TA-193:PHI		Good
6		Telecontroller	NCH-300P	BP-90924	JRC	1987	F-TA-193:PHI		Good
7		500 kHz AA	JXA-15A	BA-22499	JRC	1987	F-TA-193:PHI		Good
8		Power Supply	NBA-3579	BA-22499	JRC	1987	F-TA-193:PHI		Good
9		Morse Transmitting	NBK-2	BP-90951	JRC	1987	F-TA-193:PHI		Good
10		Buzzer (1)	BZ-18	-	JRC	1987	F-TA-193:PHI		Good
11		Jack Panel (1)	NQC-497A	-	JRC	1987	F-TA-193:PHI		Good
12		Clock (1)	HCED00018	-	JRC	1987	F-TA-193:PHI		Good
1-3-2		HF TG/TP Console							
1		Receiver	NRD-93	BR-41447	JRC	1987	F-TA-193:PHI		Good
2		Receiver	NRD-93	BR-41448	JRC	1987	F-TA-193:PHI		Good
3		Receiver	NRD-93	BR-41449	JRC	1987	F-TA-193:PHI		Good
4		Receiver	NRD-93	BR-41450	JRC	1987	F-TA-193:PHI		Good
5		Scanning Unit	NDH-93	BR-41447	JRC	1987	F-TA-193:PHI		Good
6		Scanning Unit	NDH-93	BR-41449	JRC	1987	F-TA-193:PHI		Good
7		Speaker Panel (1)	NVA-64	-	JRC	1987	F-TA-193:PHI		Good
8		Speaker Panel (1)	NVA-64	-	JRC	1987	F-TA-193:PHI		Good
9		Antenna Divider	CB-721S-S	0450	JRC	1987	F-TA-193:PHI		Good
10		Antenna Divider	CB-721S-S	0451	JRC	1987	F-TA-193:PHI		Good
11		Signal Controller	NQP-22	BP-90975	JRC	1987	F-TA-193:PHI		Good
12		Signal Controller	NQP-21	BP-90963	JRC	1987	F-TA-193:PHI		Good
13		Telecontroller	NCH-300P	BP-90921	JRC	1987	F-TA-193:PHI		Good
14		Telecontroller	NCH-300P	BP-90922	JRC	1987	F-TA-193:PHI		Good
15		Telecontroller	NCH-300P	BP-90923	JRC	1987	F-TA-193:PHI		Good
16		Jack Panel (1)	NQC-497A	-	JRC	1987	F-TA-193:PHI		Good
17		Jack Panel (1)	NQC-497A	-	JRC	1987	F-TA-193:PHI		Good
18		Power Supply Unit (1)	NBK-31D	-	JRC	1987	F-TA-193:PHI		Good
19		Power Supply Unit (1)	NBK-31D	-	JRC	1987	F-TA-193:PHI		Good

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No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
20		Clock (1)	HCED00023	-	JRC	1987	F-TA-193:PHI		Good
21		Clock (1)	HCED00020	-	JRC	1987	F-TA-193:PHI		Good
22		Telephone Repeater	NQQ-31A	BP-90769	JRC	1987	F-TA-193:PHI		Good
23		2182 kHz AA	JXA-8A	BA22639	JRC	1987	F-TA-193:PHI		Good
1-3-3		FIX COM Console							
1		Receiver	NRD-93	BR-41478	JRC	1987	F-TA-193:PHI		Good
2		Receiver	NRD-93	BR-41479	JRC	1987	F-TA-193:PHI		Good
3		Speaker Panel (1)	NVA-64	-	JRC	1987	F-TA-193:PHI		Good
4		Antenna Divider	CB-721S-S	0456	JRC	1987	F-TA-193:PHI		Good
5		Signal Controller	NQP-21	BP-90964	JRC	1987	F-TA-193:PHI		Good
6		Telecontroller	NCH-300P	BP-90925	JRC	1987	F-TA-193:PHI		Good
7		Telecontroller	NCH-300P	BP-90926	JRC	1987	F-TA-193:PHI		Good
8		LINCOMPEX	NZA-15	BB10193	JRC	1987	F-TA-193:PHI		Good
9		ARQ Equipment	NCL-550A	GA-11020	JRC	1987	F-TA-193:PHI		Good
10		Telephone Repeater	NQQ-31A	BP-90770	JRC	1987	F-TA-193:PHI		Good
11		Jack Panel (1)	NQC-497A	-	JRC	1987	F-TA-193:PHI		Good
12		Head Set (1)	NTR-3302	-	JRC	1987	F-TA-193:PHI		Good
13		Power Supply Unit (1)	NBK-31D	-	JRC	1987	F-TA-193:PHI		Good
14		Clock (1)	HCED00023	-	JRC	1987	F-TA-193:PHI		Good
1-3-4		DSC Console							
1		DSC Console (Distress/Gen.Call)	NCA-783C	BP98274	JRC	1996	F-TA-193:PH3		Good
2		Junction Box	NQD-3655C	-	JRC	1996	F-TA-193:PH3		Good
3		Power Supply	NBK-31	-	JRC	1996	F-TA-193:PH3		Good
4		Personal Computer 150DX4-100MHz	PC100	A19000A4LH6	JRC	1996	F-TA-193:PH3		Good
5		CRT Display	6542-105	66-76364	JRC	1996	F-TA-193:PH3		Good
6		System Floppy Disk (DSC)	7YLED10101	-	JRC	1996	F-TA-193:PH3		Good
7		Master Clock	NKH-100	BP99592	JRC	1996	F-TA-193:PH3		Good
8		Chair	-	-	JRC	1996	F-TA-193:PH3		Good
1-3-5		DSC Rack							
1		Printer Rack	P-1020G	-	JRC	1996	F-TA-193:PH3		Good
2		Printer	LX-300	A300/OK2	JRC	1996	F-TA-193:PH3		Good
3		Printer	LX-300	60307029	JRC	1996	F-TA-193:PH3		Good
4		Paper (x2)	-	-	JRC	1996	F-TA-193:PH3		Good
5		DSC W/K RX Rack (2U type)	GED-1249	-	JRC	1996	F-TA-193:PH3		Good

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No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
6		ALM Buzzer	CCD-242	-	JRC	1996	F-TA-193:PH3		Good
7		DSC W/K RX Rack (1U type)	GED-1248	BP98293	JRC	1996	F-TA-193:PH3		Good
8		RF Jack Panel	NQE-584R	-	JRC	1996	F-TA-193:PH3		Good
9		Junction Box	NQD-3631D	-	JRC	1996	F-TA-193:PH3		Good
10		DSC W/K Receiver	NRD-740	BR69468	JRC	1996	F-TA-193:PH3		Good
11		DSC W/K Receiver	NRD-740	BR69469	JRC	1996	F-TA-193:PH3		Good
12		DSC W/K Receiver	NRD-740	BR69470	JRC	1996	F-TA-193:PH3		Good
13		DSC W/K Receiver	NRD-740	BR69471	JRC	1996	F-TA-193:PH3		Good
14		DSC W/K Receiver	NRD-740	BR69472	JRC	1996	F-TA-193:PH3		Good
1-3-6		DSC/NBDP Console							
1		Receiver	NRD-93	BR41466	JRC	1996	F-TA-193:PH3		Good
2		Scanning Unit	NDH-93	BR41466	JRC	1996	F-TA-193:PH3		Good
3		Scanning Unit	NDH-93	BR41467	JRC	1996	F-TA-193:PH3		Good
4		Speaker Panel	NVA-64	-	JRC	1996	F-TA-193:PH3		Good
5		Signal Controller without Vodas	NQP-22	BR90981	JRC	1996	F-TA-193:PH3		Good
6		Signal Controller without Vodas	NQP-22	BR90982	JRC	1996	F-TA-193:PH3		Good
7		Telecontroller	NCH-300P	BR90934	JRC	1996	F-TA-193:PH3		Good
8		ARQ Equipment	NCL-550A	GAI1026	JRC	1996	F-TA-193:PH3		Good
9		Telex Operation Unit	NQE-556A	GAI1102	JRC	1996	F-TA-193:PH3		Good
10		DSC Terminal	NCT-60C	GAI1106	JRC	1996	F-TA-193:PH3		Good
11		Connection Box (x2)	CQD-503A	-	JRC	1996	F-TA-193:PH3		Good
12		Power Supply Unit	NBK-31D	-	JRC	1996	F-TA-193:PH3		Good
13		Clock (No. Mark + 7H)	6HCED00074	-	JRC	1996	F-TA-193:PH3		Good
14		Cabinet for Analog Clock	-	-	JRC	1996	F-TA-193:PH3		Good
15		Chair	-	-	JRC	1996	F-TA-193:PH3		Good
16		RF Jack Panel	NQE-584C	-	JRC	1996	F-TA-193:PH3		Good
17		Junction Box	NQD-3193A	-	JRC	1996	F-TA-193:PH3		Good
18		Teletypewriter	T-1000S	BC/V102552	JRC	1996	F-TA-193:PH3		Good
19		Teletypewriter	T-1000S	BC/V102553	JRC	1996	F-TA-193:PH3		Good
20		AF & Key Switch	NCI-400A	-	JRC	1996	F-TA-193:PH3		Good
21		Teletypewriter	T-1000S	BC/V102545	Siemens	1987	F-TA-193:PH1		Good
22		Common Repeater	NQQ-18G	BP-90778	JRC	1987	F-TA-193:PH1		Good
23		E/G Control Panel	NCH-100A	-	JRC	1987	F-TA-193:PH1		Good
24		Junction Box	NQD-3013C	-	JRC	1987	F-TA-193:PH1		Good

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No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1-3-7		Connection Rack	GED-1086A	BP-90947	JRC	1987	F-TA-193:PHI		Good
1-4		VHF System							
1		VHF Console	GFD-501YB (E)	CM-63486	JRC	1987	F-TA-193:PHI		Good
2		50W VHF Radio Teleph. ch:16	GFD-260YK	CM-63450	JRC	1987	F-TA-193:PHI		Good
3		50W VHF Radio Teleph. ch:26	GFD-260YL	CM-63457	JRC	1987	F-TA-193:PHI		Good
4		25W VHF Multi Channel	GFD-227YA	CM-63466	JRC	1987	F-TA-193:PHI		Good
5		Band Pass Filter	BP2-1500A	7-2520	JRC	1987	F-TA-193:PHI		Good
6		Antenna Duplexer	DF33-1500A	7-2527	JRC	1987	F-TA-193:PHI		Good
7		Antenna Duplexer	NFI-24YN	7-2163	JRC	1987	F-TA-193:PHI		Good
8		VHF TX/RX (CH70DSC) with Cab.	JRV-500AP	BH20431	JRC	1996	F-TA-193:PH3		Good
9		Desk	CD4-165	-	JRC	1996	F-TA-193:PH3		Good
10		Duplexer	AW-158YB	950720	JRC	1996	F-TA-193:PH3		Good
11		Brown Cardiode Antenna	BRC-1511	-	JRC	1996	F-TA-193:PH3		Good
12		Coaxial Arrester	NYZ-150	95065	JRC	1996	F-TA-193 PH3		Good
1-5		UHF/SHF Link							
1		Multiplex Radio	JUP-450	EM-11770	JRC	1987	F-TA-193:PHI		Good
2		Multiplex Radio	JUP-450	EM-11771	JRC	1987	F-TA-193:PHI		Good
3		Multiplex Radio	JUP-450	EM-11772	JRC	1987	F-TA-193:PHI		Good
4		Multiplex Radio	JUP-450	EM-11773	JRC	1987	F-TA-193:PHI		Good
5		Multiplex Terminal Equipment	JUP-5A	EP-12051	JRC	1987	F-TA-193:PHI		Good
6		Multiplex Terminal Equipment	JUP-5A	EP-12052	JRC	1987	F-TA-193:PHI		Good
7		Main Distribution Frame	NQE-40A2	EQ-14021	JRC	1987	F-TA-193:PHI		Good
8		Coaxial Arrester 400 MHz	NYZ-400	87088	JRC	1987	F-TA-193:PHI		Good
9		Main Distribution Frame	NQE-40A2	EQ-14022	JRC	1987	F-TA-193:PHI		Good
10		Coaxial Arrester 400 MHz	NYZ-400	87086	JRC	1987	F-TA-193:PHI		Good
11		Teleprinter	T-1000S	BC/V102545	Siemens	1987	F-TA-193:PHI		Good
12		Common Repeater	NQQ-18G	BP-90778	JRC	1987	F-TA-193 PH1		Good
13		E/G Control Panel	NCH-100A	-	JRC	1987	F-TA-193:PHI		Good
14		Junction Box	NQD-3013C	-	JRC	1987	F-TA-193:PHI		Good

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No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
2		Tower & Antenna System							
2-1		Tower & Mast							
		TX Station							
1		35mHx5 Self Supporting	Triangle	-	JRC	1976			Good
2		Lightning Rod (x3)	-	-	JRC	1996			Good
3		RX Station							
2-2		20mHx4 Self Supporting	Quarter	-	JRC	1976			Good
		Antenna System							
		TX Station							
1		5 W T Type Antenna 1x	-	-	JRC	1976			Good
2		Fan Antenna 3x	-	-	JRC	1976			Good
3		Inverted "L" Antenna 1x	-	-	JRC	1976			Good
4		Multi Doublet Antenna 1x	-	-	JRC	1976			Good
5		Brown Cadioide Antenna	BRC-1501	7022	JRC	1987	F-TA-193:PHI		Good
6		Brown Cadioide Antenna	BRC-1501	7023	JRC	1987	F-TA-193:PHI		Good
7		Dipole Antenna	AE-183E	59	JRC	1987	F-TA-193:PHI		Good
8		8-Element Yagi Antenna	Y8-4503SA	7138	JRC	1987	F-TA-193:PHI		Good
9		Inverted "L" Antenna	CL-045M	-	JRC	1996	F-TA-193:PH3		Good
		RX Station							
10		Single Doublet Antenna 2x	-	-	JRC	1976			Good
11		Double Doublet Antenna 1x	-	-	JRC	1976			Good
12		Inverted "L" Antenna 3x	-	-	JRC	1976			Good
2-3		Antenna Switch							
1		Antenna Switching Matrix	ASED-00036	98068-1	JRC	1987	F-TA-193:PHI		Good
2		Antenna Exchanger	NKZ-223	BP-91392	JRC	1987	F-TA-193:PHI		Good
3		Antenna Exchanger	NKZ-223	BP-91989	JRC	1989	F-TA-193:PHI		Good
4		Antenna Changer Rack	GJD 131E	BP-24877	JRC	1987	F-TA-193:PHI		Good
5		Antenna Changer	NQA-80B	BC-15228	JRC	1987	F-TA-193:PHI		Good
6		Antenna Changer	NQA-80B	BC-15229	JRC	1987	F-TA-193:PHI		Good
7		Antenna Changer	NQA-80B	BC-15230	JRC	1987	F-TA-193:PHI		Good
8		Antenna Changer (for RX)	NQA-80B	BC-19341	JRC	1996	F-TA-193:PH3		Good
9		Antenna Changer (for RX)	NQA-80B	BC-19342	JRC	1996	F-TA-193:PH3		Good

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No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
10		Antenna Selector	NAF-80FA	BC-15214	JRC	1987	F-TA-193:PHI		Good
11		Antenna Multicoupler	NAF-80FA	BC-15215	JRC	1987	F-TA-193:PHI		Good
12		Antenna Multicoupler	NAF-80FA	BC-15216	JRC	1987	F-TA-193:PHI		Good
13		BC Band Rejection Filter	CFL-172	BC-15775	JRC	1987	F-TA-193:PHI		Good
14		BC Band Rejection Filter	CFL-172	BC-15776	JRC	1987	F-TA-193:PHI		Good
15		BC Band Rejection Filter	CFL-172	BC-15777	JRC	1987	F-TA-193:PHI		Good
16		Power Supply Unit	NBA-80	BP-24873	JRC	1987	F-TA-193:PHI		Good
2-4		Antenna Matching Unit							
1		Antenna Matching Unit	NFG-2C	BP-90760	JRC	1987	F-TA-193:PHI		Good
2		Antenna Matching Unit	NFG-3CA	BP-91294	JRC	1987	F-TA-193:PHI		Good
3		Matching Unit Control	NCM-134F	BP-91387	JRC	1987	F-TA-193:PHI		Good
4		Matching Unit Control	NCM-134F	BP-91388	JRC	1987	F-TA-193:PHI		Good
5		Matching Unit	AW-314	No.31	JRC	1987	F-TA-193:PHI		Good
6		TX AMU for I/L (for DSC)	NFG-140A	BP98604	JRC	1996	F-TA-193:PH3		Good
3		Power Supply Equipment							
3-1		Power Distribution Board							
1		Power Distribution Board	NBJ-223A	W.100836-3	JRC	1987	F-TA-193:PHI		Good
2		Switch Board	-	11454	Taiyo	1971			Good
3		Switch Board	NCB-430	BP-10128	JRC	1987	F-TA-193:PHI		Good
4		Type RC (for VHF) 220V, 1P	NBJ-402RC	BP98386	JRC	1996	F-TA-193:PH3		Good
3-2		Isolation Transformer							
1		40kVA, 380V, 3P	NBL-227C	BP99811	JRC	1996	F-TA-193:PH3		Good
2		5kVA, 220V, 1P	NBL-227F	BP99822	JRC	1996	F-TA-193:PH3		Good
3-3		Step-Up Transformer							
1		Step-Up Transformer 40kVA	LVED00388	3578	JRC	1987	F-TA-193:PHI		Good
2		220/380V, 3P, 4W	LVED-00393	3562	JRC	1987	F-TA-193:PHI		Good
3-4		Step-Up Transformer 5kVA							
1		127/220V, 1P							
2		UPS & AVR System							
1		Accumulator 12V, 200AH			Yuasa	1987	F-TA-193:PHI		Good
2		Accumulator 12V, 200AH			FB	1987	F-TA-193:PHI		Good

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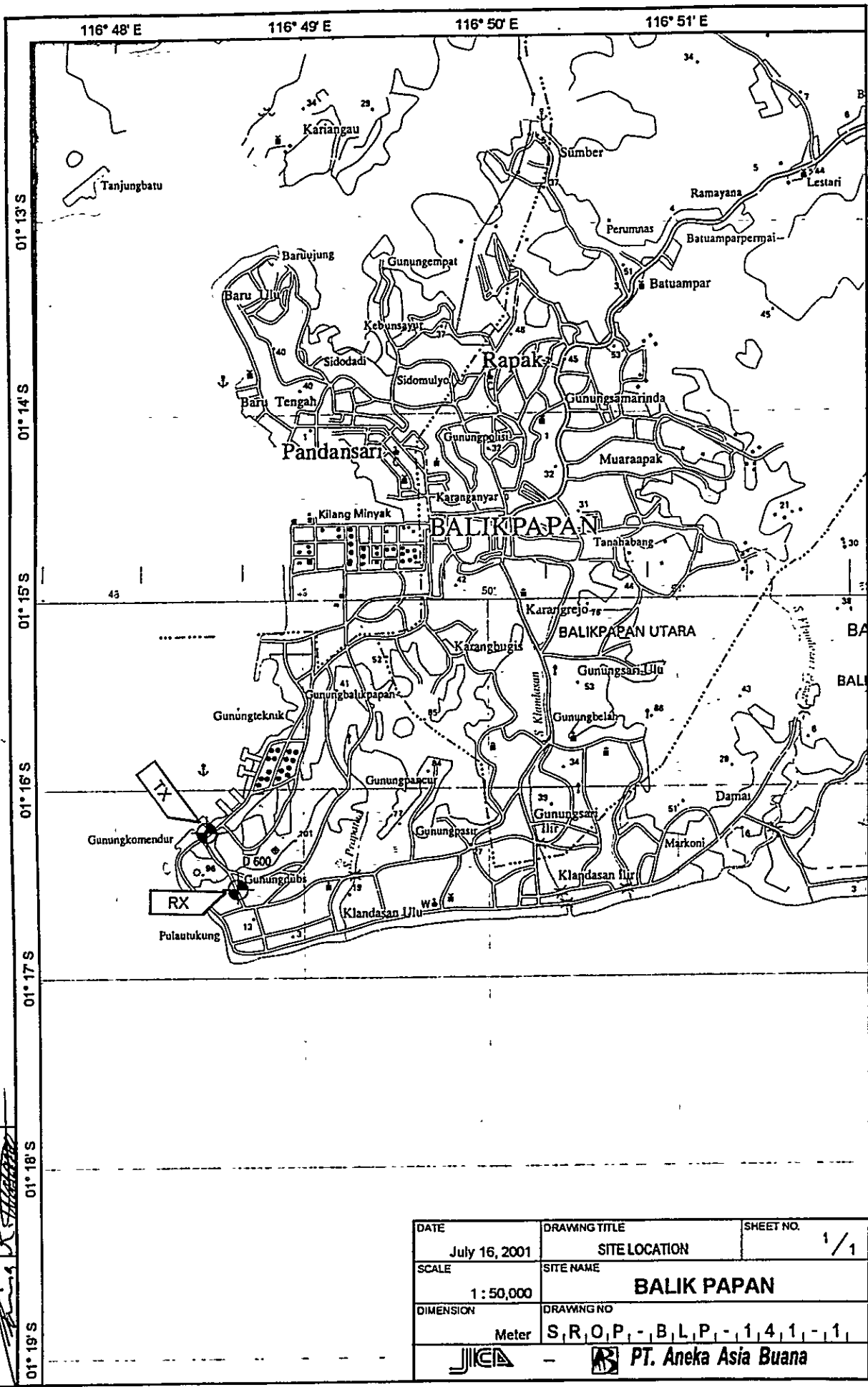
No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
3		Accumulator 12V, 200AH 2x			GS	1987	F-TA-193:PHI		Good
4		Accumulator 12V, 200AH 2x			GS	1987	F-TA-193:PHI		Good
5		Accu Charger	SM-240	110	Delica	1987	F-TA-193:PHI		Good
6		Accu Charger			Yoko	1987	F-TA-193:PHI		Good
7		AVR 40kVA	ERED-00011	S-23540	JRC	1987	F-TA-193:PHI		Good
8		AVR 5kVA	ERED-00014	S-23534	JRC	1987	F-TA-193:PHI		Good
9		2kVA, 220V, 1P UPS Net Pro 2000	NP20A04/	9605A014	JRC	1996	F-TA-193:PH3		Good
3-5		Engine Generator							
1		E/G 40kVA, 220V, 3P	3LC	3347	Kubota	1971			Good
2		E/G 40kVA, 220V, 3P	3LC	3346	Kubota	1971			Good
3		Engine	KR-90N	010150	Kubota	1971			Good
4		Engine	KR-90N	009968	Kubota	1971			Good
5		Generator 5kVA, 110V, 1P	ASK-150	53179	OSE	1971			Good
6		Generator 5kVA, 110V, 1P	ASK-150	53180	OSE	1971			Good
4		Measuring Equipment							
1		Oscilloscope	2235	B017852	JRC	1987	F-TA-193:PHI		Good
2		Signal Generator	MG-3601A	M-21337	JRC	1987	F-TA-193:PHI		Good
3		Frequency Counter	MF-57A	M-81336	JRC	1987	F-TA-193:PHI		Good
4		Audio Distortion Meter	796F	51753003	JRC	1987	F-TA-193:PHI		Good
5		Spectrum Analyzer	MS-62B	M-18035	JRC	1987	F-TA-193:PHI		Good
6		Multi Meter	3010	5K2539	JRC	1987	F-TA-193:PHI		Good
7		Dummy Load	DL-102A-SJ-A	98196-3	JRC	1987	F-TA-193:PHI		Good
8		Attenuator	KAT-502	7S-904-3	JRC	1987	F-TA-193:PHI		Good
9		Field Strength Meter	M-262E	M-43434	JRC	1987	F-TA-193:PHI		Good
10		Electronic Volt Meter	ML-69A	M-45535	JRC	1987	F-TA-193:PHI		Good
11		Output Meter	MS-52B	M-71334	JRC	1987	F-TA-193:PHI		Good
12		CM Direction Meter Coupler	MA-52A	M-11267	JRC	1987	F-TA-193:PHI		Good
13		Power Meter	TP-5J3A	32168	JRC	1987	F-TA-193:PHI		Good
14		Circuit Tester	AX-303TR	6C8968	JRC	1987	F-TA-193:PHI		Good
15		Power Meter	TP5J1A	31990	JRC	1987	F-TA-193:PHI		Good
16		Signal Generator	MG-54D	M-51335	JRC	1987	F-TA-193:PHI		Good
17		Transmission Measuring Set	ME-446A	M-58236	JRC	1987	F-TA-193:PHI		Good

INVENTORY

Site Name: Balikpapan

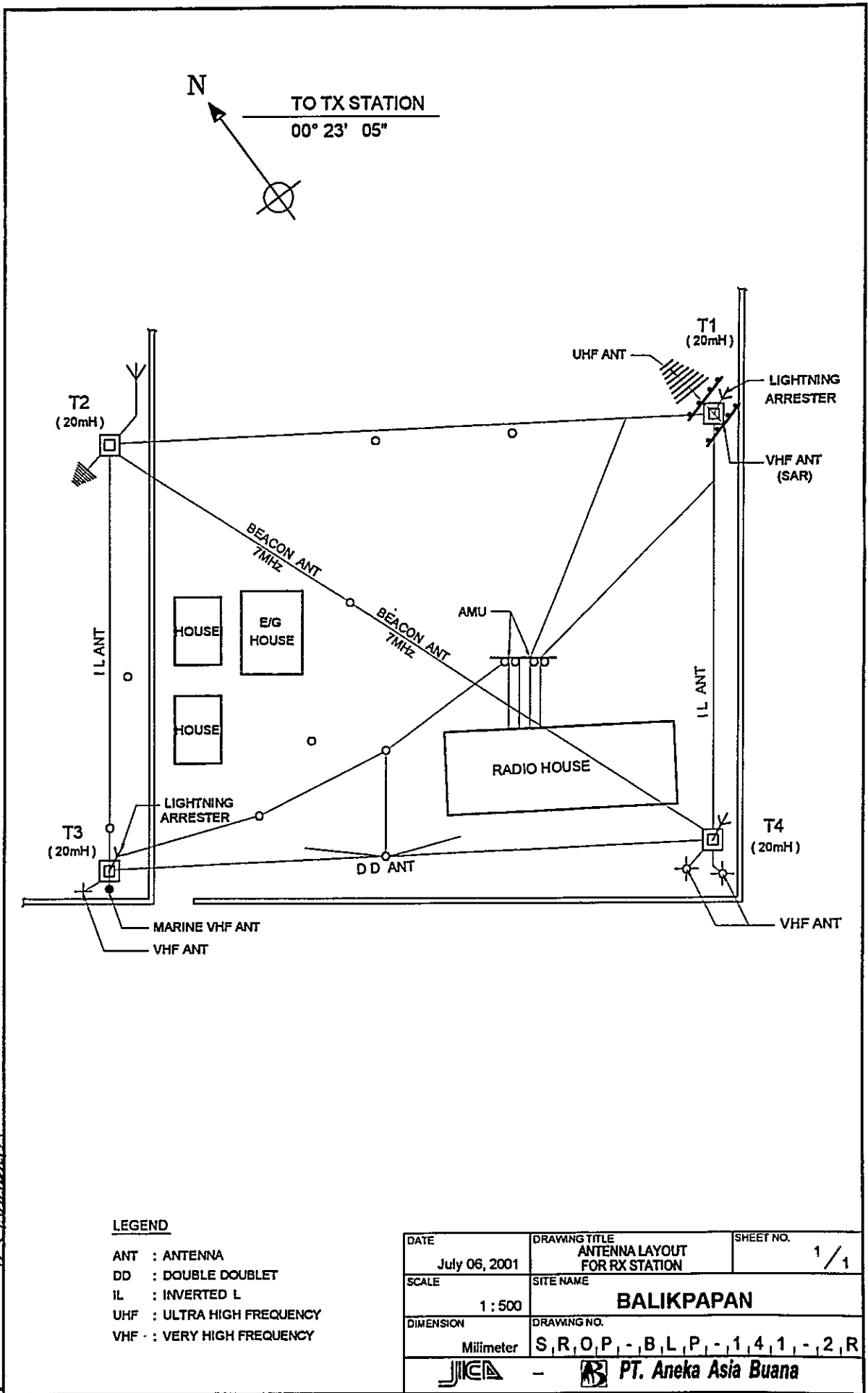
BLP-141-(9/9)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
18		Frequency Counter	TR-5823	M-81336	JRC	1987	F-TA-193:PHI		Good
19		Selective Level Meter Generator	AD-7530	73900903	JRC	1987	F-TA-193:PHI		Good
20		Psophometrics Weighting Network (2)	NJM-776B	ES-11916	JRC	1987	F-TA-193:PHI		Good
21		2W/4W Converter	NHH-566A		JRC	1987	F-TA-193:PHI		Damaged
5		Others							
1		Air Conditioner 6x1.5 PK	-	-	Sanyo	-			Damaged
2		Air Conditioner 1x1.5 PK	-	-	National	-			Damaged
3		Fan x2	-	-	-	-			Good
4		Teletype	LO-133	37254	Lorens	-			Good
5		Teletype	-	37261	Siemens	-			Good
6		Typewriter x1	-	-	S Corona	-			Lost
7		Typewriter Portable x1	-	-	Royal	1988			Damaged
8		Typewriter Portable x1	-	-	-	-			Good
9		Typewriter Double Folio x1	-	-	-	-			Damaged
10		Tool Kit (2)	ZPED00002	-	JRC	1987			Good
11		Tool Kit (2)	MD-XP217A-74	-	JRC	1987			Damaged
12		Motor Drive Wire Wrapper	EW-7D	791006	JRC	1987			Good
13		Motor Drive Wire Wrapper	EW-7D	79V001	JRC	1987			Good



DRAWN BY: AAB
 APPROVED BY: JICA
 [Signature]

DATE	DRAWING TITLE	SHEET NO.
July 16, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 50,000	BALIK PAPAN	
DIMENSION	DRAWING NO.	
Meter	S, R, O, P, - B, L, P, - 1, 4, 1, - 1, 1	

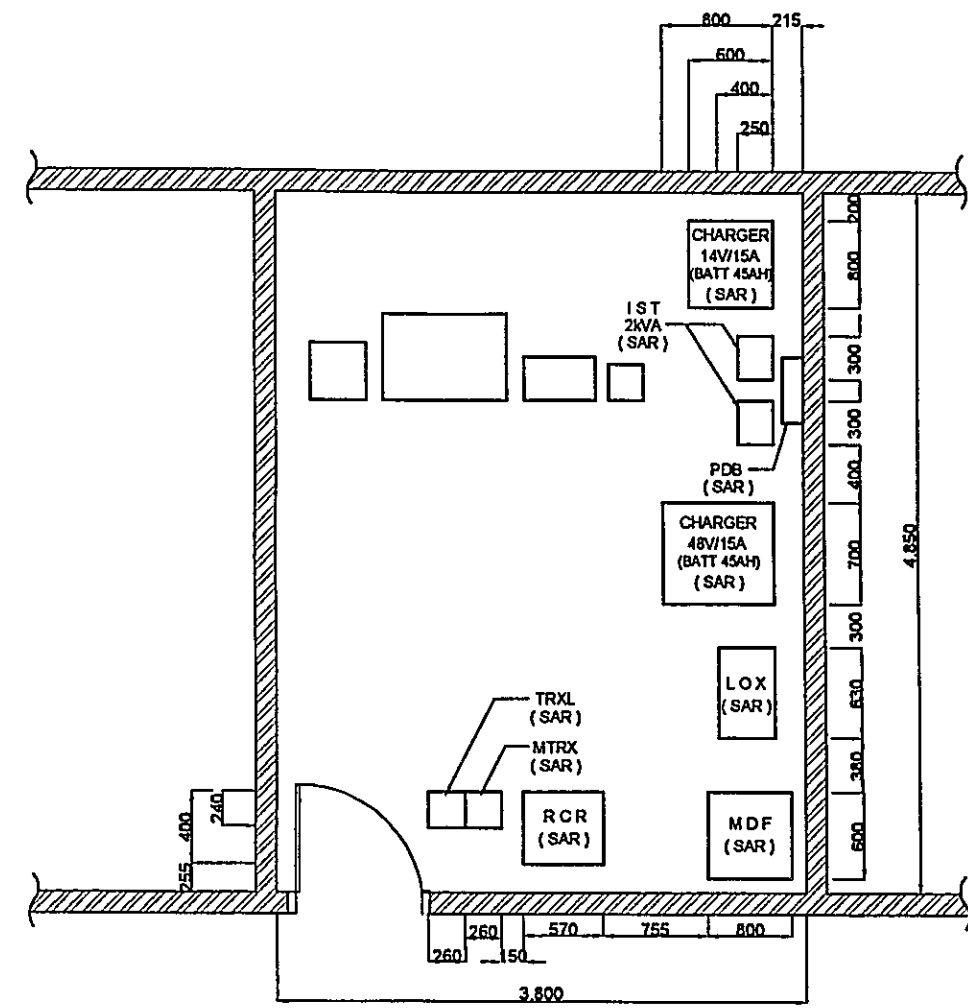
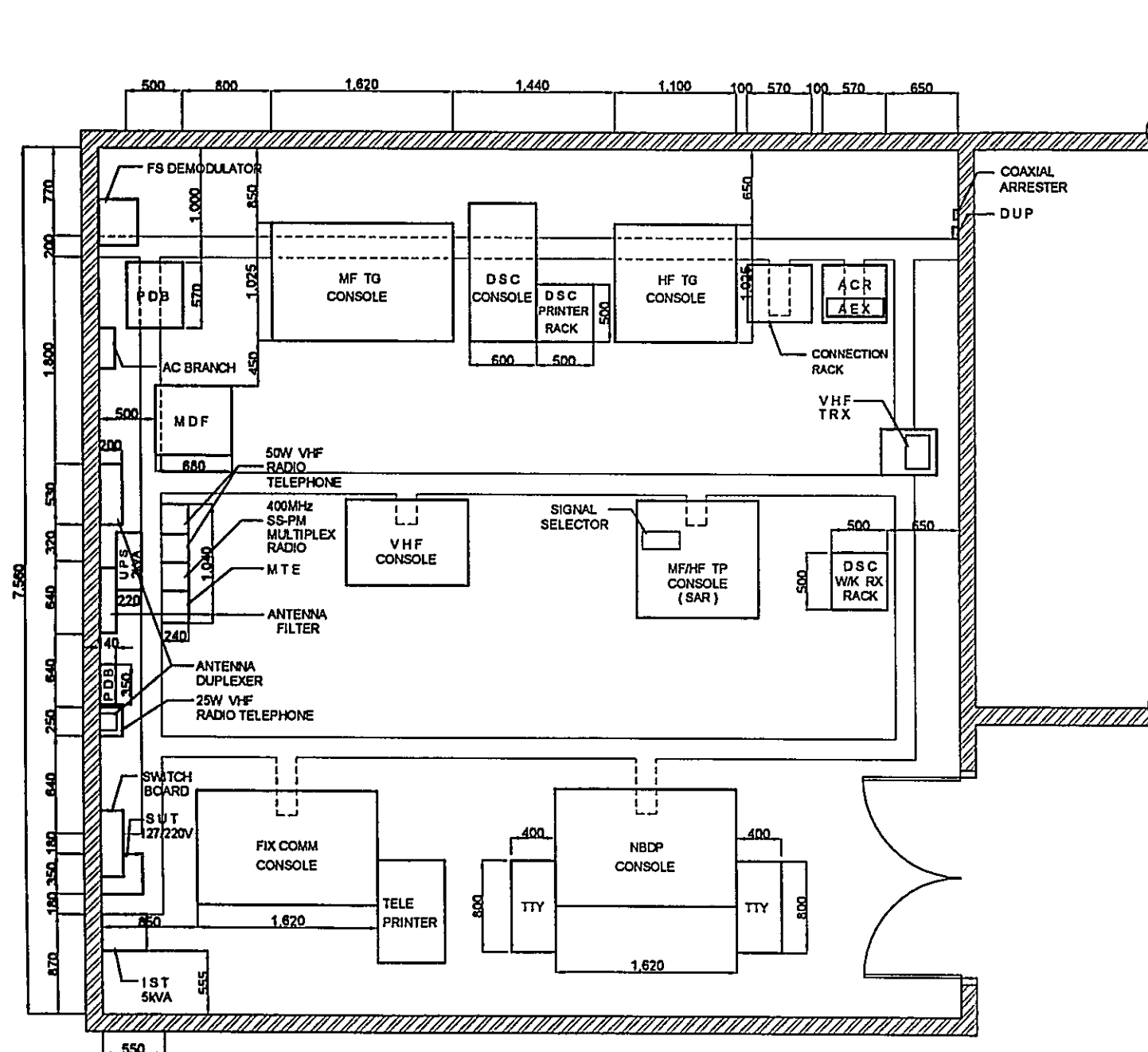


DRAWN BY AAR
 APPROVED BY JICA:

LEGEND

- ANT : ANTENNA
- DD : DOUBLE DOUBLET
- IL : INVERTED L
- UHF : ULTRA HIGH FREQUENCY
- VHF : VERY HIGH FREQUENCY

DATE July 06, 2001	DRAWING TITLE ANTENNA LAYOUT FOR RX STATION	SHEET NO. 1 / 1
SCALE 1 : 500	SITE NAME BALIKPAPAN	
DIMENSION Milimeter	DRAWING NO. S, R, O, P, - B, L, P, - 1, 4, 1, - 2, R	
- PT. Aneka Asia Buana		

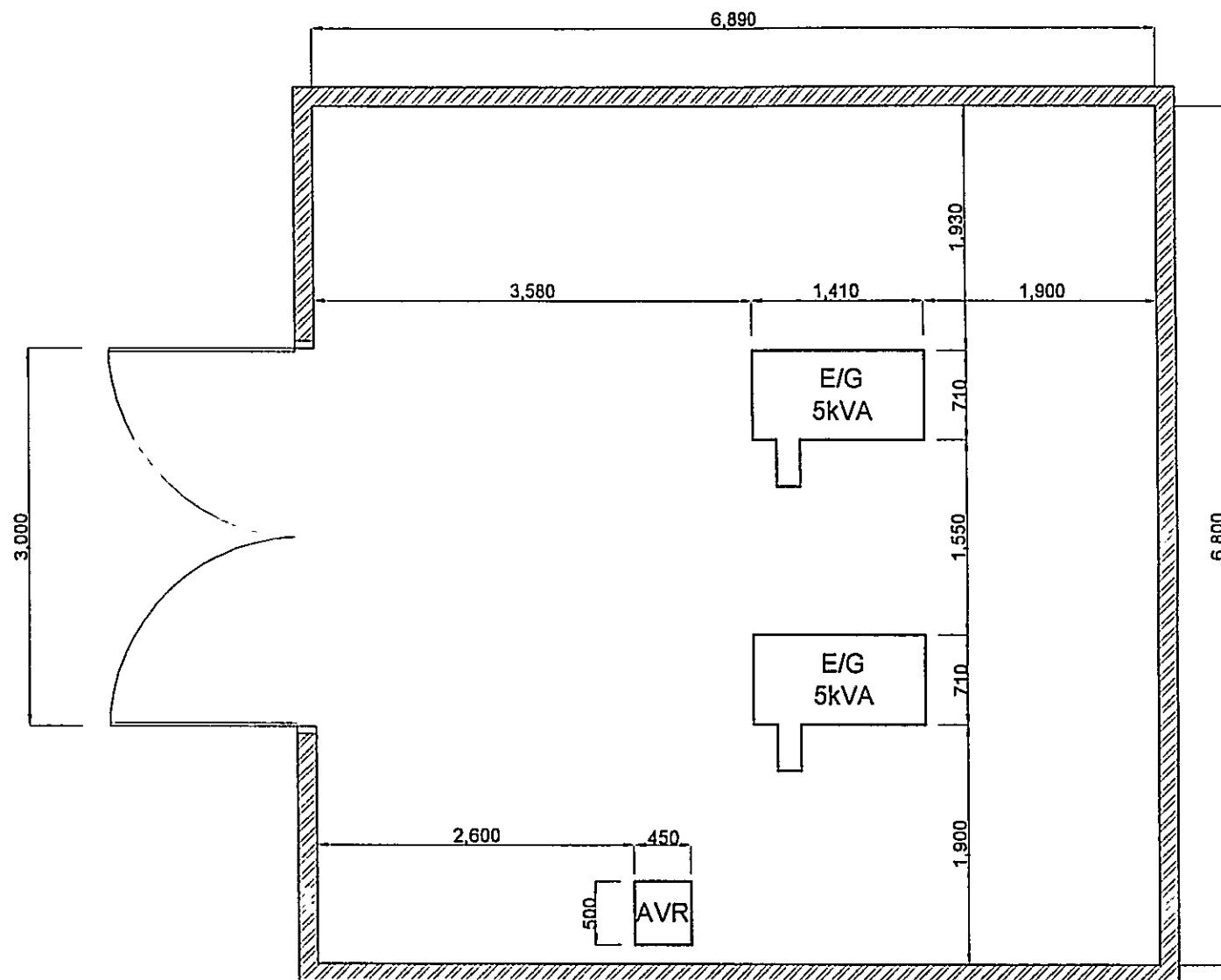


LEGEND

- | | | |
|---------------------------------|--|----------------------------------|
| ACR : ANTENNA CHARGER RACK | MF : MEDIUM FREQUENCY | UPS : UNINTERRUPTED POWER SUPPLY |
| DUP : DUPLEXER | MDF : MAIN DISTRIBUTION FRAME | V : VOLT |
| DSC : DIGITAL SELECTIVE CALLING | MTE : MULTIPLEX TERMINAL EQUIPMENT | VHF : VERY HIGH FREQUENCY |
| FIX : FIX COMMUNICATION | NBDP : NARROW - BAND DIRECT - PRINTING | W : WIRE / WATT |
| HF : HIGH FREQUENCY | PDB : POWER SDISTRIBUTION BOARD | |
| IST : ISOLATION FREQUENCY | R CR : REMOTE CONTROL RADIO | |
| KVA : KILO VOLT AMPERE | TG : TELEGRAPHY | |

DATE July 06, 2001	DRAWING TITLE EQUIPMENT FLOOR LAYOUT FOR RX STATION	SHEET NO. 1 / 1
SCALE 1 : 50	SITE NAME BALIKPAPAN	
DIMENSION Millimeter	DRAWING NO. S, R, O, P, -, B, L, P, -, 1, 4, 1, -, 3, R	

DRAWN BY: APPROVED BY: JICA:

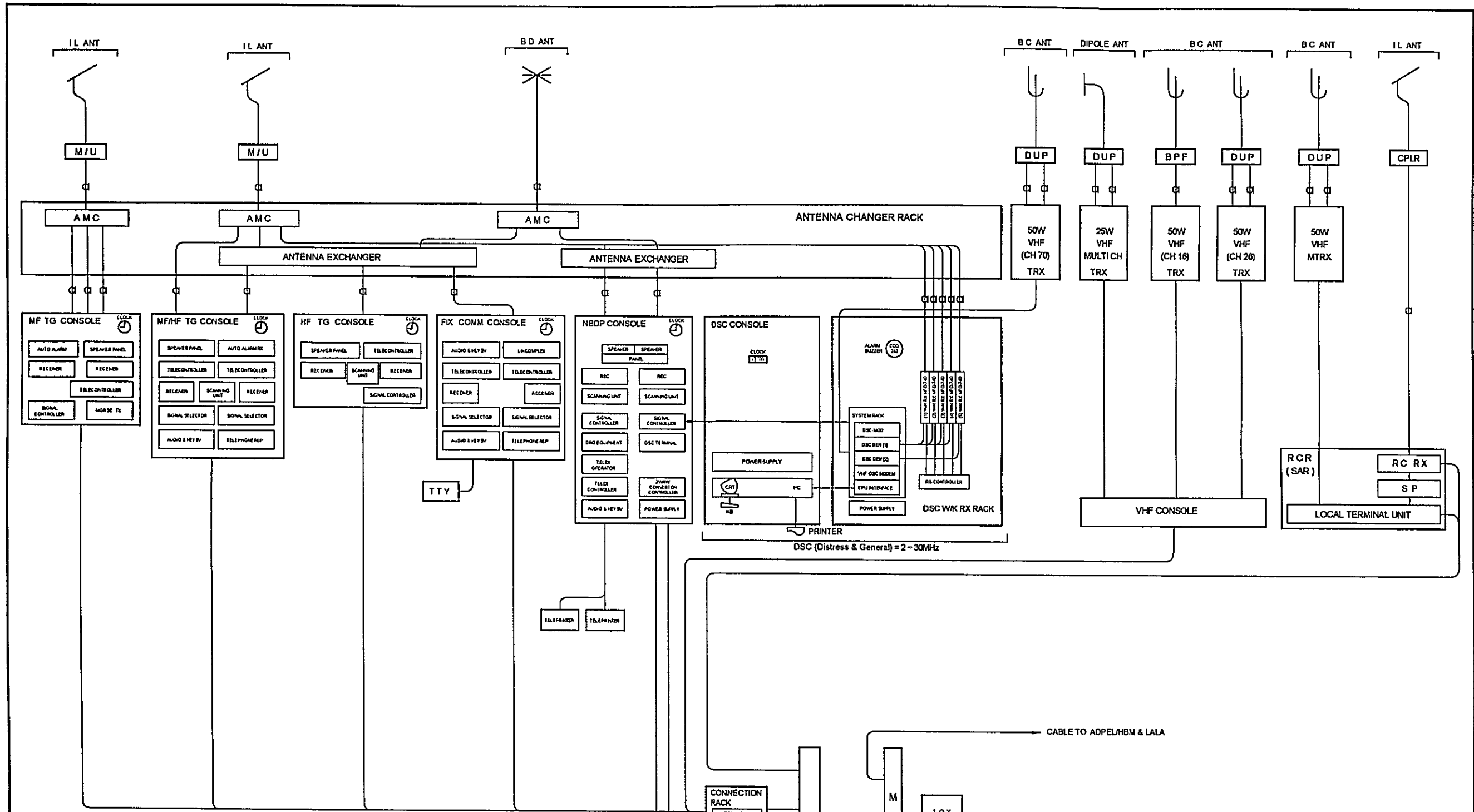


LEGEND

- AVR : AUTOMATIC VOLTAGE REGULATOR
- E/G : ENGINE GENERATOR
- KVA : KILO VOLT AMPERE

DATE July 06, 2001	DRAWING TITLE E/G FLOOR LAYOUT FOR RX STATION	SHEET NO. 1/1
SCALE 1 : 50	SITE NAME BALIKPAPAN	
DIMENSION Millimeter	DRAWING NO. S, R, O, P, - B, L, P, - 1, 4, 1, - 4, R	
- PT. Aneka Asia Buana		

DRAWN BY: AS
 APPROVED BY: JICA



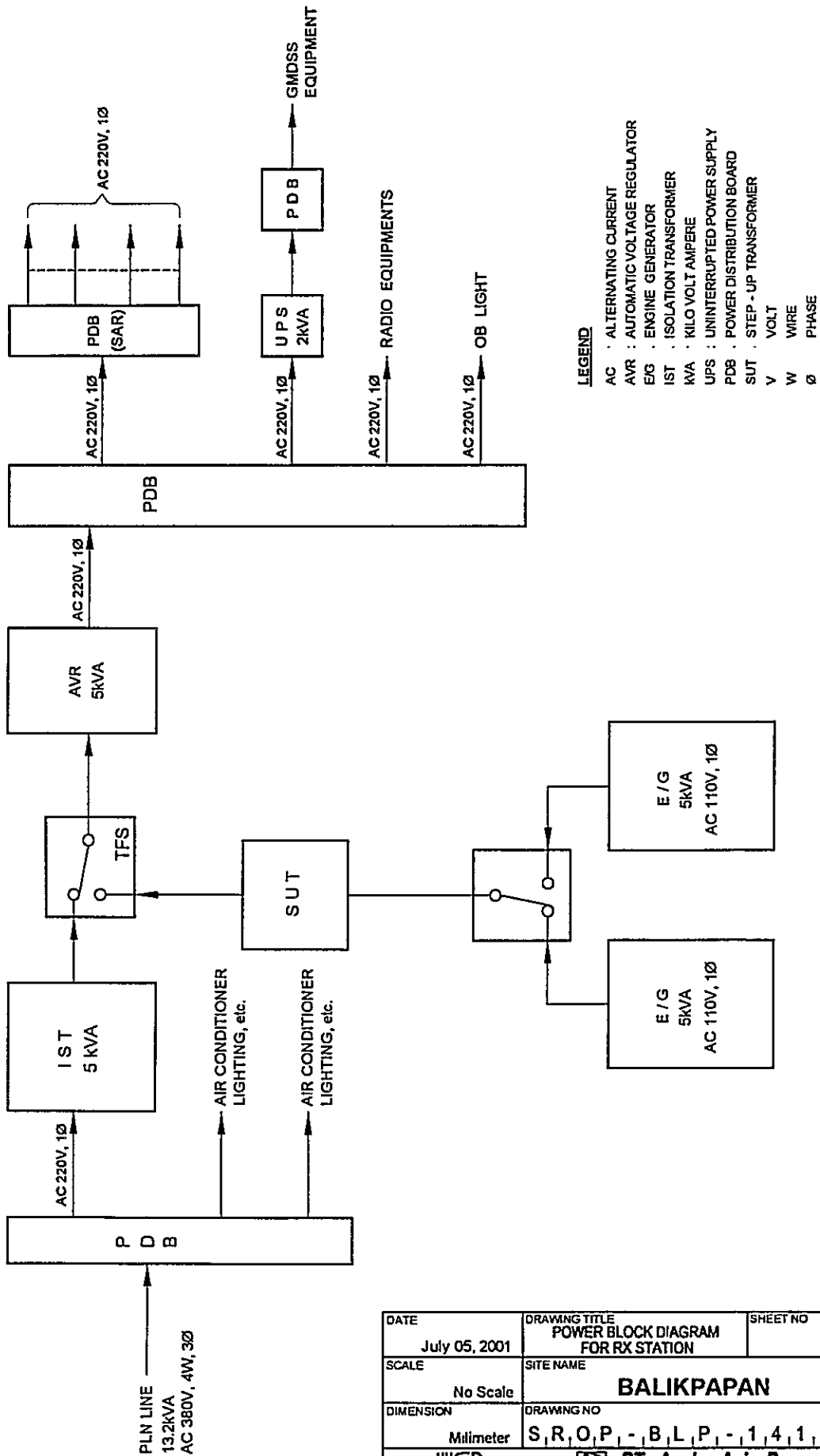
LEGEND

- | | |
|-------------------------------|------------------------------------|
| ANT ANTENNA | IL INVERTED L |
| AMC AUTOMATIC MATCHING UNIT | MF MEDIUM FREQUENCY |
| BC BROWN CARDIOIC | MDF MAIN DISTRIBUTION FRAME |
| BPF BAND PASS FILTER | MAU MATCHING UNIT |
| BPS BATTERY POWER SUPPLY | MUX MULTIPLEXER |
| CH CHANNEL | NBDP NARO - BAND DIRECT - PRINTING |
| CPLR COUPLER | RCR REMOTE CONTROL RADIO |
| DD DOUBLE DOUBLET | RX RECEIVER (ING) |
| DUP DUPLEXER | TG TELEGRAPHY |
| DSC DIGITAL SELECTIVE CALLING | TP TELEPHONY |
| FIX FIX COMMUNICATION | TX TRANSMITTER |
| HF HIGH FREQUENCY | UHF ULTRA HIGH FREQUENCY |

DRAWN BY ASB
APPROVED BY JICA
[Signature]

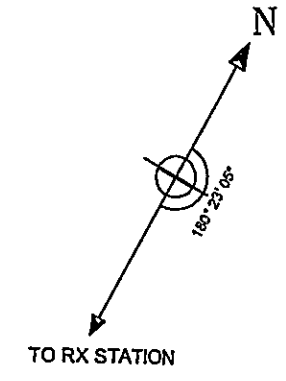
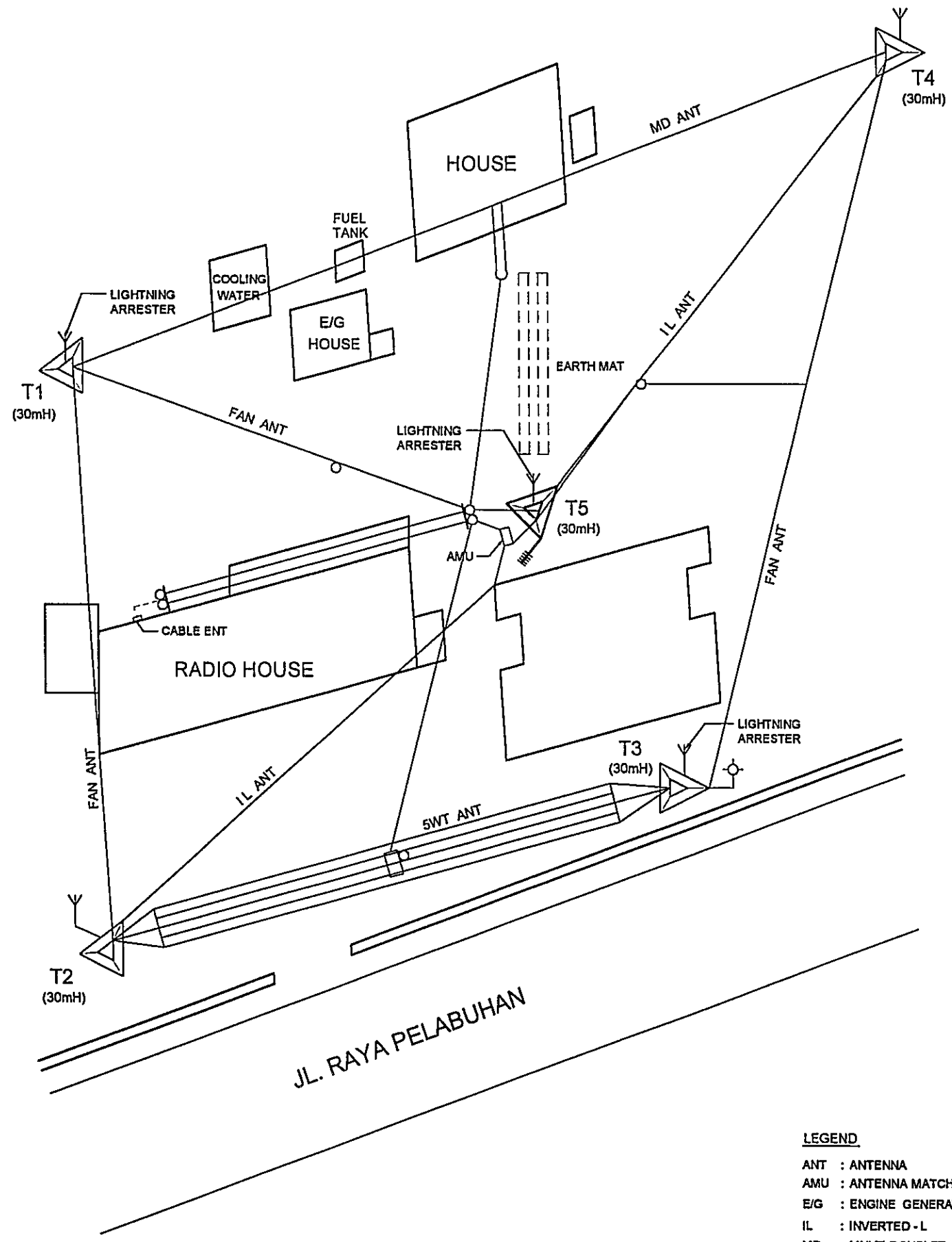
DATE July 05, 2001	DRAWING TITLE SYSTEM BLOCK DIAGRAM FOR RX STATION	SHEET NO. 1/1
SCALE No Scale	SITE NAME BALIKPAPAN	
DIMENSION Millimeter	DRAWING NO. S, R, O, P, - B, L, P, - 1, 4, 1, - 5, R	
- PT. Aneka Asia Buana		

DRAWN BY AAB
 APPROVED BY JICA



LEGEND
 AC : ALTERNATING CURRENT
 AVR : AUTOMATIC VOLTAGE REGULATOR
 E/G : ENGINE GENERATOR
 IST : ISOLATION TRANSFORMER
 KVA : KILO VOLT AMPERE
 UPS : UNINTERRUPTED POWER SUPPLY
 PDB : POWER DISTRIBUTION BOARD
 SUT : STEP - UP TRANSFORMER
 V : VOLT
 W : WIRE
 Ø : PHASE

DATE July 05, 2001	DRAWING TITLE POWER BLOCK DIAGRAM FOR RX STATION	SHEET NO 1 / 1
SCALE No Scale	SITE NAME BALIKPAPAN	
DIMENSION Milimeter	DRAWING NO S,R,O,P,-B,L,P,-1,4,1,-6,R	
PT. Aneka Asia Buana		

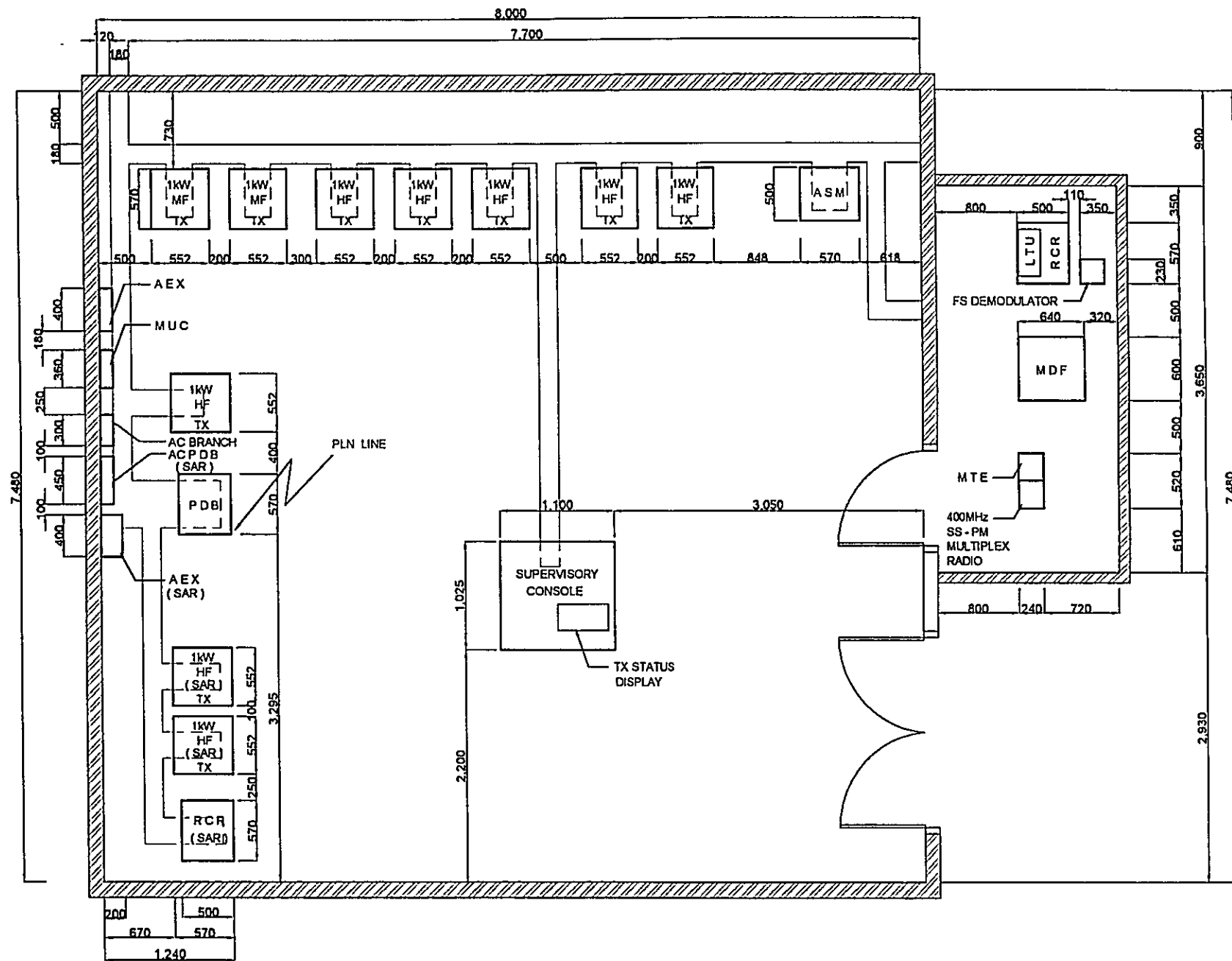


DRAWN BY AAB
 APPROVED BY JCA: *[Signature]*

LEGEND

- ANT : ANTENNA
- AMU : ANTENNA MATCHING UNIT
- E/G : ENGINE GENERATOR
- IL : INVERTED - L
- MD : MULTI DOUBLET
- WT : WIRE T TYPE

DATE	DRAWING TITLE	SHEET NO
July 06, 2001	ANTENNA LAYOUT FOR TX STATION	1 / 1
SCALE	SITE NAME	
1 : 500	BALIKPAPAN	
DIMENSION	DRAWING NO.	
Millimeter	S, R, O, P, -, B, L, P, -, 1, 4, 1, -, 2, T	

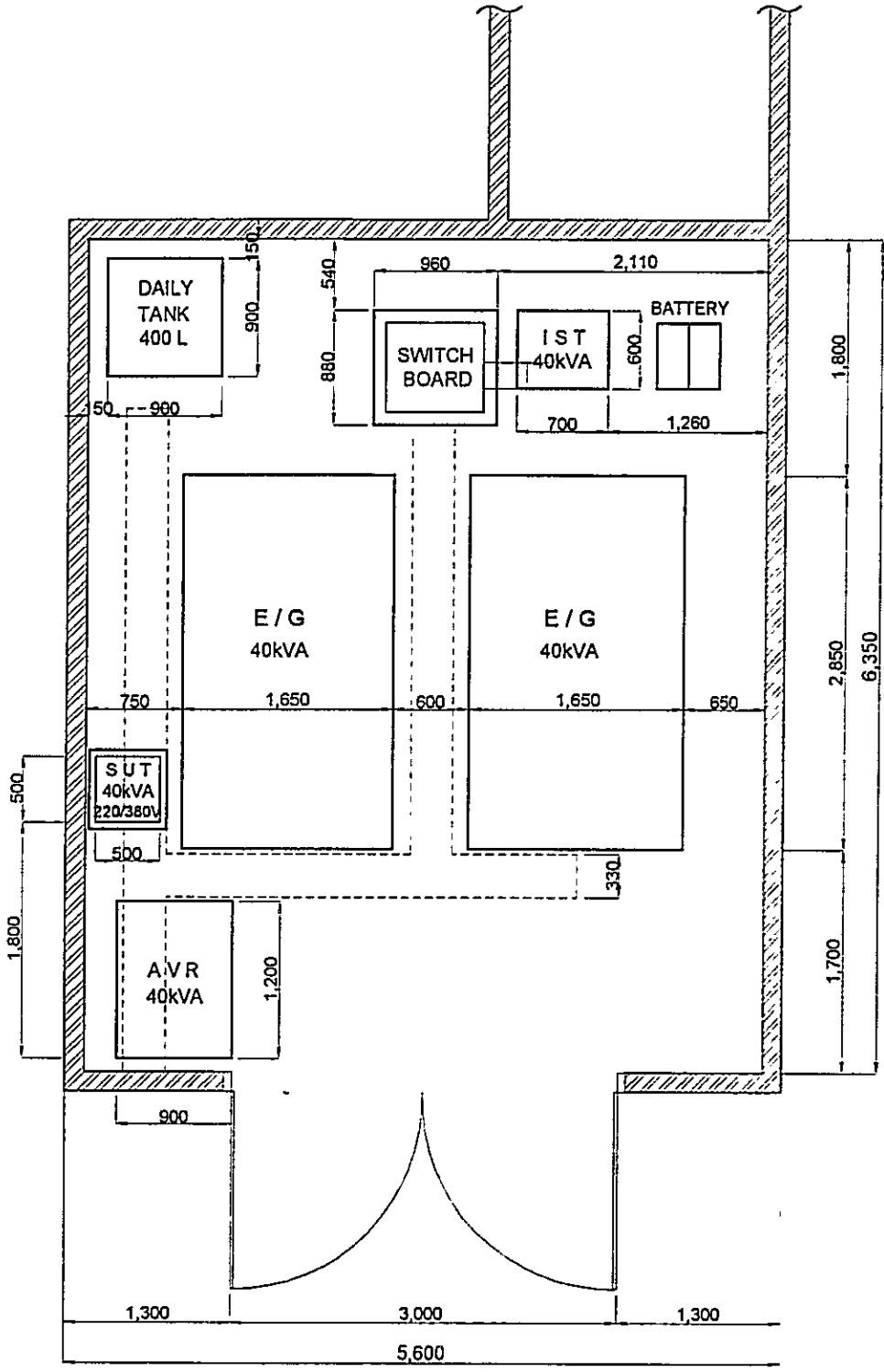


LEGEND

- | | |
|--------------------------------|------------------------------------|
| AEX : ANTENNA EXCHANGER | MTE : MULTIPLEX TERMINAL EQUIPMENT |
| ASM : ANTENNA SWITCHING MATRIX | MUC : MATCHING UNIT CONTROL |
| HF : HIGH FREQUENCY | PDB : POWER DISTRIBUTION BOARD |
| LTU : LOCAL TERMINAL UNIT | RCR : REMOTE CONTROL RADIO |
| MF : MEDIUM FREQUENCY | TX : TRANSMITTER |
| MDF : MAIN DISTRIBUTION FRAME | |

DATE July 06, 2001	DRAWING TITLE EQUIPMENT FLOOR LAYOUT FOR TX STATION	SHEET NO. 1/1
SCALE 1:50	SITE NAME BALIKPAPAN	
DIMENSION Millimeter	DRAWING NO S ₁ R ₀ P ₁ -B ₁ L ₁ P ₁ -1411-3,T	

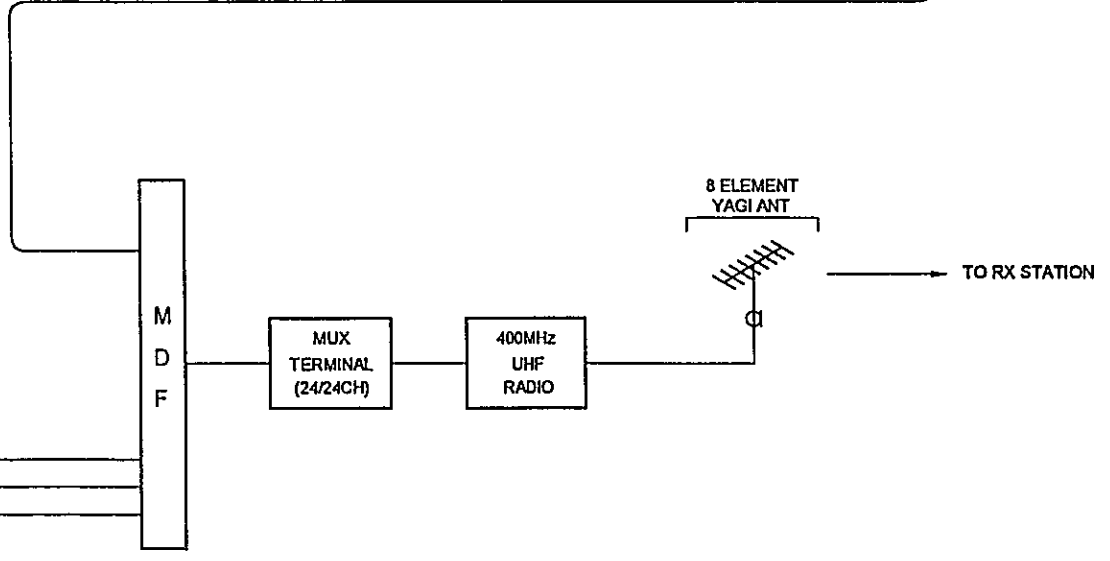
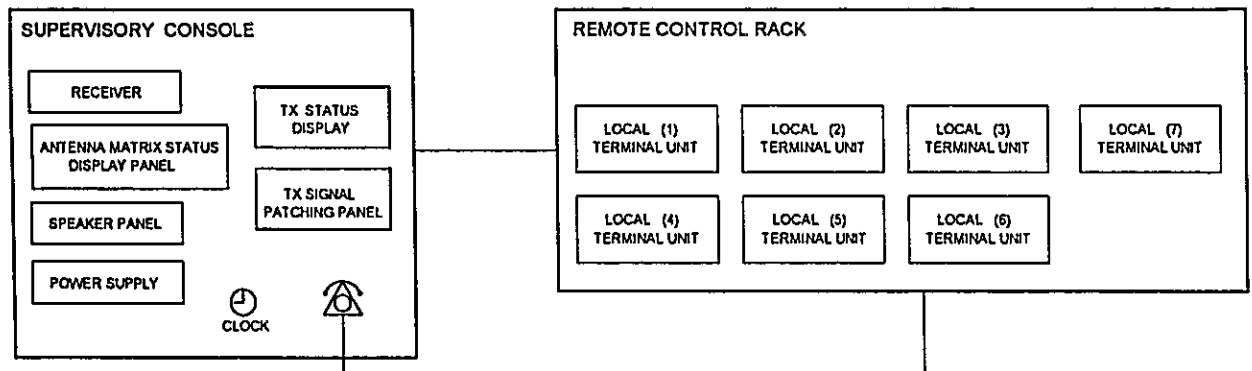
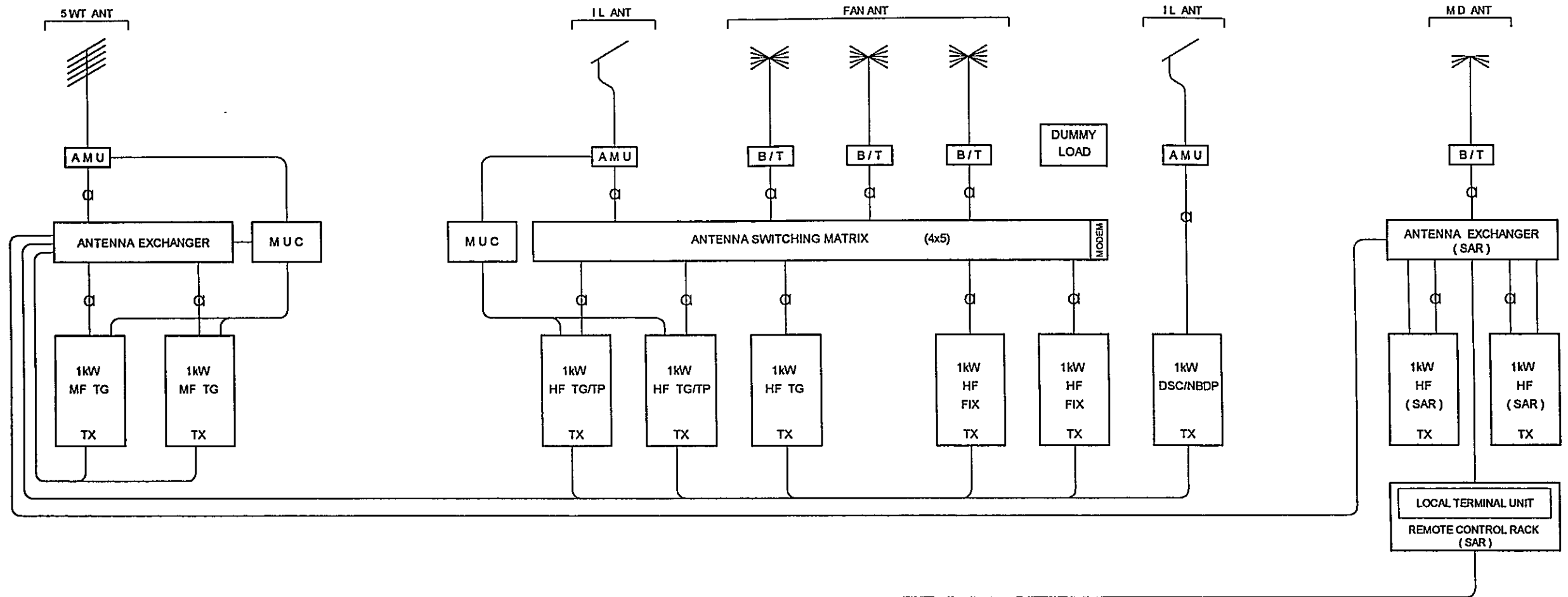
DRAWN BY: AAR
 APPROVED BY: JCA:



DRAWN BY AAB
 APPROVED BY JICA

- LEGEND**
- AVR : AUTOMATIC VOLTAGE REGULATOR
 - E/G : ENGINE GENERATOR
 - IST : ISOLATION TRANSFORMER
 - kVA : KILO VOLT AMPERE
 - L : LITER
 - SUT : STEP - UP TRANSFORMER
 - V : VOLT

DATE July 06, 2001	DRAWING TITLE E/G FLOOR LAYOUT FOR TX STATION	SHEET NO 1/1
SCALE 1 : 50	SITE NAME BALIKPAPAN	
DIMENSION Milimeter	DRAWING NO S.R.O.P. - B.L.P - 1,4,1, - 4 T	

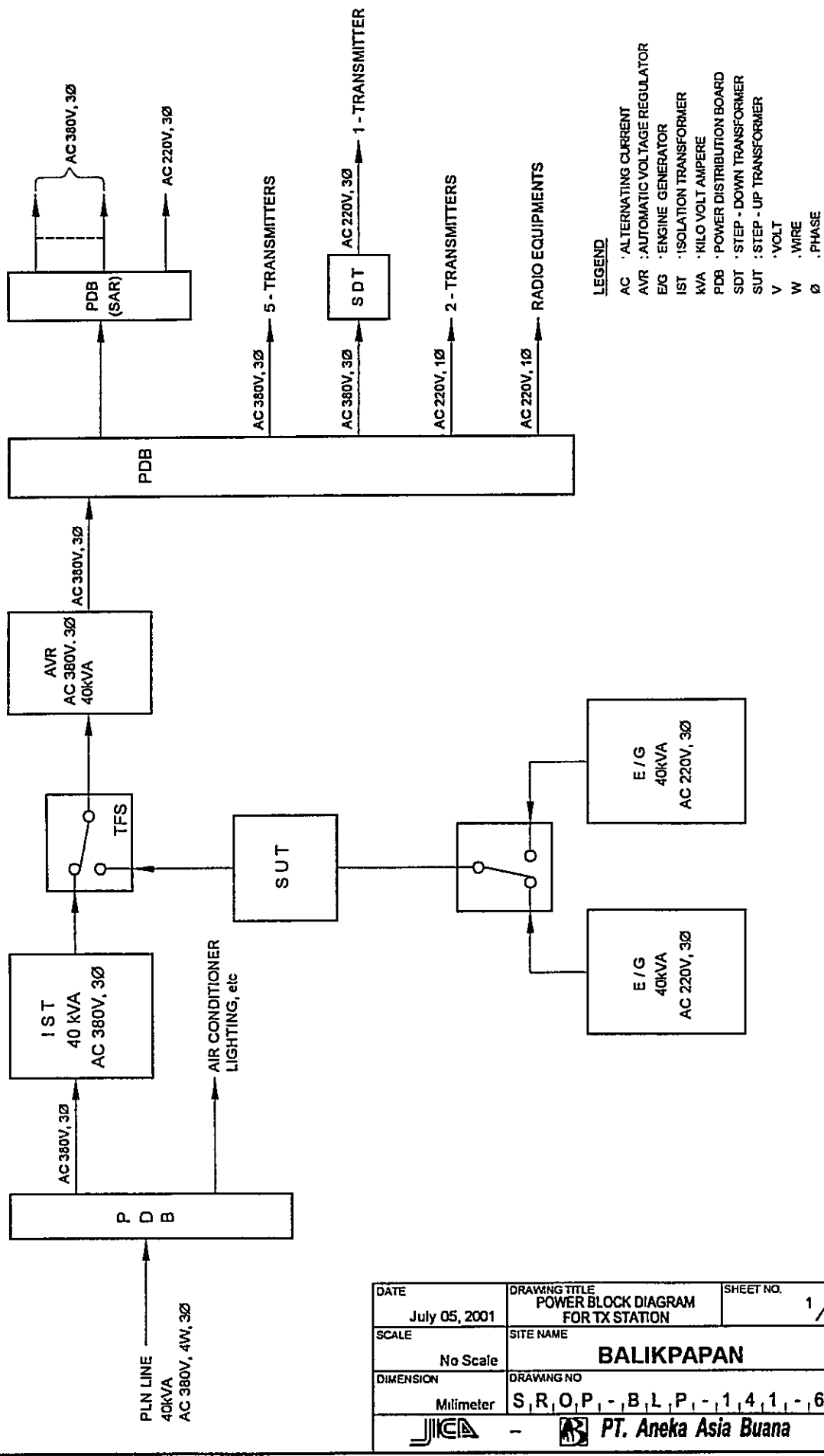


- LEGEND**
- ANT : ANTENNA
 - AMU : ANTENNA MATCHING UNIT
 - B/T : BALUNTS TRANS
 - DSC : DIGITAL SELECTIVE CALLING
 - FIX : FIX COMMUNICATION
 - HF : HIGH FREQUENCY
 - IL : INVERTED L
 - MD : MULTI DOUBLET
 - MF : MEDIUM FREQUENCY
 - MDF : MAIN DISTRIBUTION FRAME
 - MUC : MATCHING UNIT CONTROL
 - MUX : MULTIPLEXER
 - NBDP : NARROW - BAND DIRECT - PRINTING
 - TX : TRANSMITTER
 - UHF : ULTRA HIGH FREQUENCY
 - WT : WIRE T TYPE

DATE July 05, 2001	DRAWING TITLE SYSTEM BLOCK DIAGRAM FOR TX STATION	SHEET NO. 1 / 1
SCALE No Scale	SITE NAME BALIKPAPAN	
DIMENSION Millimeter	DRAWING NO. S, R, O, P, - B, L, P, - 1, 4, 1, - 5, T	

DRAWN BY AAB
 APPROVED BY JICA

DRAWN BY AAB
 APPROVED BY JCA
[Signature]



DATE July 05, 2001	DRAWING TITLE POWER BLOCK DIAGRAM FOR TX STATION	SHEET NO. 1 / 1
SCALE No Scale	SITE NAME BALIKPAPAN	
DIMENSION Milimeter	DRAWING NO S R O P - B L P - 1 4 1 - 6 T	
-		

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

**3rd Class Coast Station
Samarinda
(Coast Station No. 142)**

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	SAMARINDA		
	CLASS	3rd	NO.	142

1. LOCATION

Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Jl.Lumba-Lumba	0541-731054	0541-731054	117° 09' 12" E	00° 30' 30" S

2. GENERAL CONDITIONS

Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
By Air to Balikpapan [Taking time: 1.30 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	500,000
By Car to Samarinda [Taking time: 1.30 hr.]	<input checked="" type="checkbox"/> Paved	<input checked="" type="checkbox"/> Medium	<input type="checkbox"/> Motel	
	<input type="checkbox"/> Unpaved road	<input type="checkbox"/> Light		
		<input type="checkbox"/> None		

3. CONDITIONS OF STATION

Refer to attached drawing

3.1 Site Conditions

Topography	Nature of Soil		Past disaster of site	Confirmation of existing system	
<input checked="" type="checkbox"/> Flat	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/> Towers (Masts)
<input type="checkbox"/> Basin	<input type="checkbox"/> Clay		<input type="checkbox"/> Ground Subsidence	<input checked="" type="checkbox"/>	<input type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy			<input checked="" type="checkbox"/>	<input type="checkbox"/> Lightning system
Altitude	M		Telephone Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/> Feeder Cable Way
Land area	23.823 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 220/380 V	220/380 V	Good Bad	
Structure	Concrete	Phase 3	3	<input checked="" type="checkbox"/>	<input type="checkbox"/> Power Supply System
Type of roof	Asbestos	Wire 4	4	<input checked="" type="checkbox"/>	<input type="checkbox"/> Operations of E/G
Type of ceiling	Asbestos	kVA 50	10	<input checked="" type="checkbox"/>	<input type="checkbox"/> Operations of AVR
Type of wall	Concrete	Quality of PLN source		Capacity of fuel for engine	
Wall finish	Mortar	Fluctuations	220 V ± 10 %	Day tank	100 Liter
Flooring	Ceramic	Availability of power per day	24 Hours	Main tank	1 k Liter
Room Area (m ²)		Power interruption /month		E/G Stand-by System	
Operation room	26.67	Total interpt. hours /month	15 Times	<input type="checkbox"/>	Single System
E / G room	24.50	Max. interpt. hours at once	8 Hours	<input checked="" type="checkbox"/>	Dual System
Remark					

4. OPERATION AND MAINTENANCE

5. PERSONNEL FORMATIONS

Actions taken in equipment failure				TX/RX				
Restoration flow	Repaired by Mechanic			Chief	1			
Examples of major failure	Damaged by lightening/over load			Operator (skilled)	7 () ()			
Sufficiency of spares	Not enough			Technician (skilled)	() ()			
Records of damages		Environmental Conditions		Administrator	1			
<input type="checkbox"/> Heavy rainfall		Good	Bad					
<input type="checkbox"/> Storm		<input checked="" type="checkbox"/>	<input type="checkbox"/> External noises	Total	9			
<input type="checkbox"/> Lightning		<input checked="" type="checkbox"/>	<input type="checkbox"/> Air pollution					
<input checked="" type="checkbox"/> Other calamity	Replacement of IC							
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 type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
3 Measuring eqpt /tools	<input type="checkbox"/> Enough	<input checked="" type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
4 Number of Operator	<input checked="" type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
5 Number of Technician	<input type="checkbox"/> Enough	<input checked="" type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
6 Capability of Operator	<input checked="" type="checkbox"/> Skilled	<input 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	SAMARINDA		
	CLASS	3rd	NO.	142

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	35	20			1991	2,27		65	1996	1,183		12
1997	30	15			1992	2,2		60	1997	1,113		
1998	28	15			1993	2,15		55	1998	651		
1999	28	10			1994	1,9		45	1999	309		
2000	10	4			1995	1,75		35	2000	200		

7. COMMENTS	
Suggestion	It is the time for Government to make the standardization for SSB type or VHF which assigned especially for marine, and not all of the persons can buy it. Improvement of the law...., for trespass of marine frequency used, it is better done by Ditjen Hubla because for the time being was done by Ditjen Postel
Remarks	

INVENTORY

Site Name: Samarinda

SMD-142- (1 / 3)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		Transmitter							
1		MF Transmitter	NSD 482 S	BS 35080	JRC	1987	F-TA-193:PH1		Good
2		HF Transmitter	NSD 482 S	BS 35081	JRC	1987	F-TA-193:PH1		Good
1-2		NBDP Console							
1		HF Console	NCU 282S	BP 3142	JRC	1987	F-TA-193:PH1		Good
1-3		Receiver							
1		Receiver	NRD-93		JRC	1987	F-TA-193:PH1		Good
2		Radio Telephone	JHV-227YA	CM63465	JRC	1987	F-TA-193:PH1		Good
1-4		VHF System							
1		VHF Console	GFD 501YB(E)	CM 63485	JRC	1987	F-TA-193:PH1		Good
2		VHF Transceiver Ch.16	GFD 260 YK	CM 63448	JRC	1987	F-TA-193:PH1		Good
3		VHF Transceiver Ch.26	GFD 260 YL	CM 63455	JRC	1987	F-TA-193:PH1		Good
4		Band Pass Filter	BP2-1500A	7-2519	JRC	1987	F-TA-193:PH1		Good
5		Antenna Duplexer	DF 33-1500A	72562	A.Giken	1987	F-TA-193:PH1		Good
6		Antenna Duplexer	NF 24 YN	72612	A.Giken	1987	F-TA-193:PH1		Good
2		Tower & Antenna System							
2-1		Tower & Mast							
		TX Station							
1		50 m. Self Supporting			JRC	1987	F-TA-193:PH1		Good
2		30 m Self Supporting			JRC	1988	F-TA-193:PH1		Good
2-2		Antenna System							
		TX Station							
1		Inverted L-Antenna			JRC	1987	F-TA-193:PH1		Good
2		T Type Antenna			JRC	1987	F-TA-193:PH1		Good
3		Dipole Antenna	A-183 E		JRC	1987	F-TA-193:PH1		Good
4		Brown Cardioid Antenna	BRC 150I		JRC	1987	F-TA-193:PH1		Good

INVENTORY

Site Name: Samarinda

SMD-142- (2 / 3)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
2-3		Antenna Switch							
1		Balun Trans.	AW-314		JRC	1987	F-TA-193:PHI		Good
2		Antenna Divider	CB 7215-S		JRC	1987	F-TA-193:PHI		Good
3		Antenna Tuner	NFG-482		JRC	1987	F-TA-193:PHI		Good
3		Power Supply Equipment							
3-1		Power Distribution Board							
1		Power Distribution Board	NBJ-223D	W-100836-1	JRC	1987	F-TA-193:PHI		Good
3-2		UPS							
1		Battery 12V/200AH							Good
2		10 KVA AVR			GS	1996			Good
3		AVR (Voltage Stabilizer)	ERED 00013	S23535	JRC	1987	F-TA-193:PHI		Good
3-3		Engine Generator	500 N		MNAGA	1994			Good
1		Diesel Engine 20 PK, 50 Hz	F 2L 912	0213795C	DEUTZ	1987	F-TA-193:PHI		Good
2		Diesel Engine 20 PK, 50 Hz	F 2L 912	0213791C	DEUTZ	1987	F-TA-193:PHI		Good
3		Brush Less AC Generator	BGED00012	H5751	JRC	1987	F-TA-193:PHI		Good
4		220/380 V, 10 KVA, 15.2 A							Good
		Brush Less AC Generator	BGED00012	H5751	JRC	1987	F-TA-193:PHI		Good
		220/380 V, 10 KVA, 15.2 A			GS	1996			Good
		Battery 12V/200AH	ERED 00013	S23535	JRC	1987	F-TA-193:PHI		Good
		10 KVA AVR							Good
4		Measuring Equipment							
1		Frequency Counter	MF 57A			1987	F-TA-193:PHI		Good
2		Signal Generator	MG 3601A			1987	F-TA-193:PHI		Good
3		Spectrum Analyzer	796F			1987	F-TA-193:PHI		Good
4		Multi Meter	3010			1987	F-TA-193:PHI		Good
5		Service Extender	CFQ-1818			1987	F-TA-193:PHI		Good
6		Power Meter	TP-513A			1987	F-TA-193:PHI		Good
7		Field Strength Meter	M-262E			1987	F-TA-193:PHI		Good

Samarinda

INVENTORY

Site Name: Samarinda

SMD-142- (3 / 3)

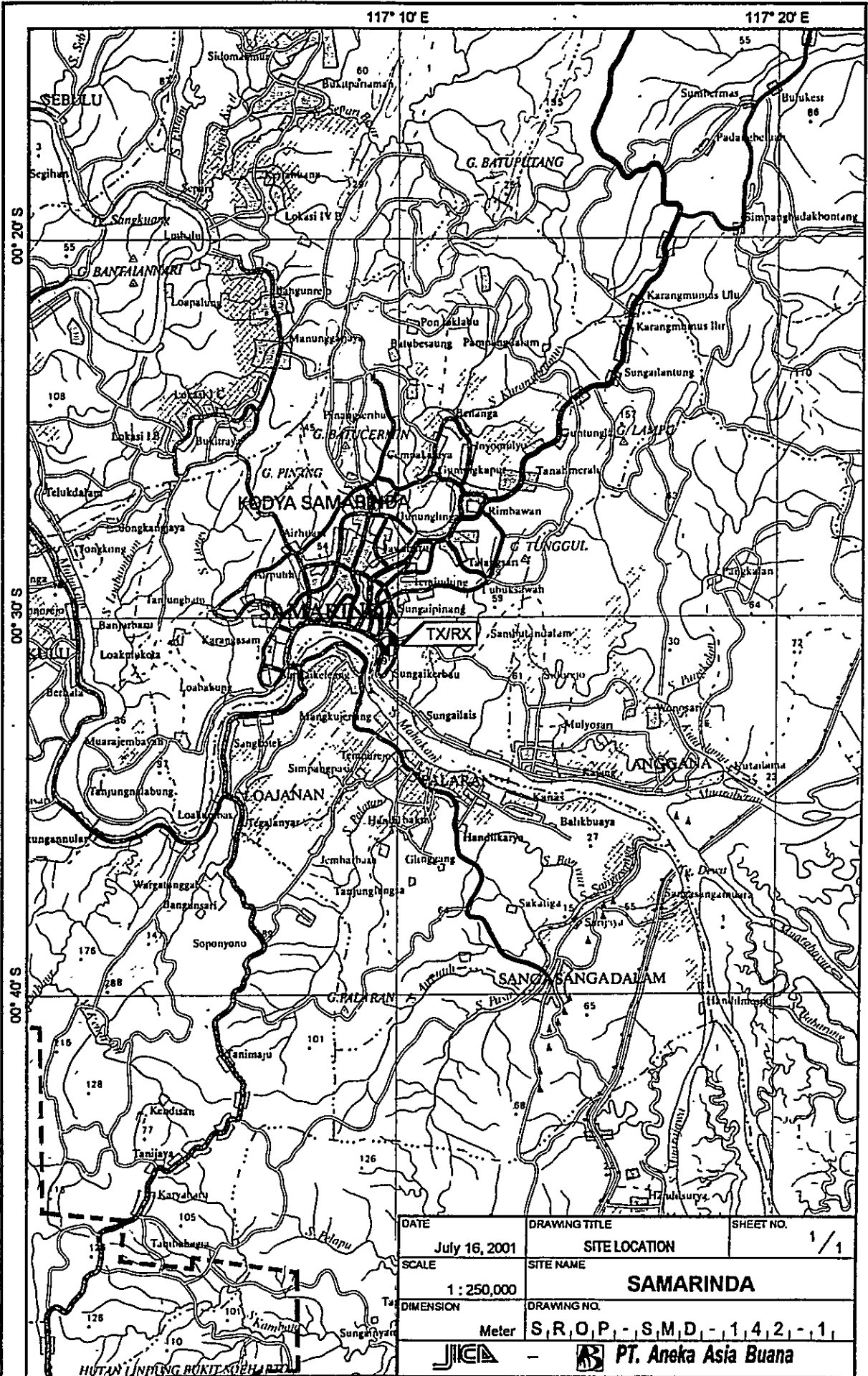
No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
5		Others							
1		Telephone Repeater	NQQ-22		JRC	1987	F-TA-193:PHI		Good
2		Auto Alarm 500 Khz	JXA-15		JRC	1987	F-TA-193:PHI		Good
3		Auto Alarm 2182 Khz.	JXA-8		JRC	1987	F-TA-193:PHI		Good
4		Scanning Unit	NDH-93		JRC	1987	F-TA-193:PHI		Good
5		ARQ Equipment	NCL-550A		JRC	1987	F-TA-193:PHI		Good
6		Control Panel	NZB-77		JRC	1987	F-TA-193:PHI		Good
7		Telex (Telkom)	LORENZ-133		LORENZ	1973	F-TA-193:PHI		Damaged
8		Signal Controller	NQP-21		JRC	1987	F-TA-193:PHI		Good
9		Teleprinter	T-1000 S		SIEMENS	1987	F-TA-193:PHI		Damaged
10		Dummy Load	DL-102A-SJA	98198-5	JRC	1987	F-TA-193:PHI		Good

STATUS OF TROUBLES

SITE NAME : SAMARINDA

SMD-142-(1/1)

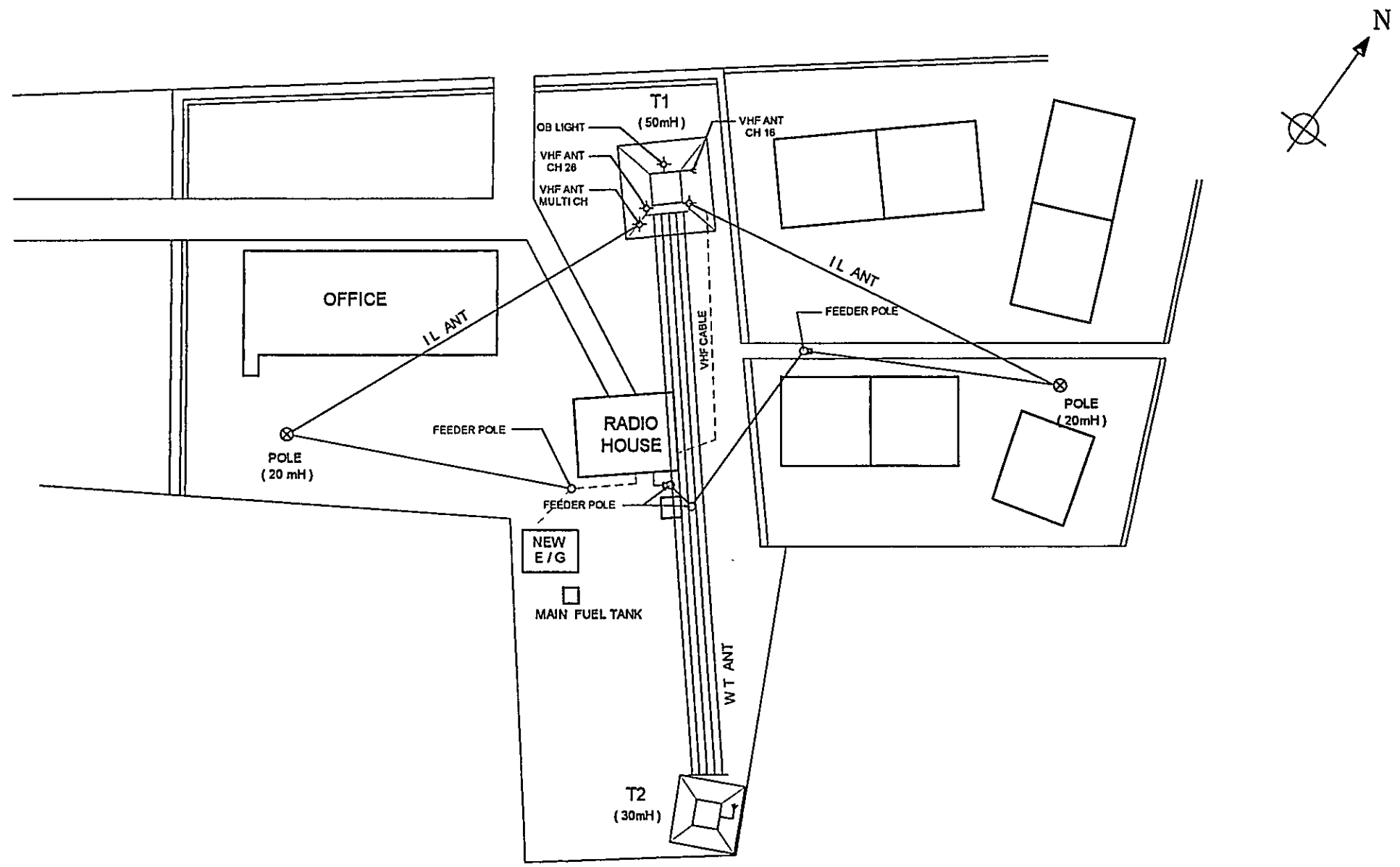
Item / Equipment	AVR, E/G Panel, Charger / -		
Manufacturer	JRC		
Manufacturer in year	1987		
Defective panel / unit	-		
Details of Trouble Status	Cause doe to:	Urgency of Repair	
	<input type="checkbox"/> Aging		
	<input type="checkbox"/> Lightning		
	<input type="checkbox"/> Corrosion		
	<input checked="" type="checkbox"/> Lack of Spares		
<input type="checkbox"/> Others	Repairing to be:		
		<input checked="" type="checkbox"/> Immediacy	
		<input type="checkbox"/> By next year budget	
		<input type="checkbox"/> By next project	
		<input type="checkbox"/> Unnecessary	
<u>General Comment for Maintenance:</u>			
Request for replacement of 3 sets PCB and AVR series and 2 sets of stabilizer voltage from AC generator and 1 set module charger Battery E/G			



DRAWN BY AAB
 APPROVED BY JICA

DATE	DRAWING TITLE	SHEET NO.
July 16, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 250,000	SAMARINDA	
DIMENSION	DRAWING NO.	
Meter	S, R, O, P, - S, M, D, - 1, 4, 2, - 1	

HUTAN LINDUNG BUKIT KOPHARATI

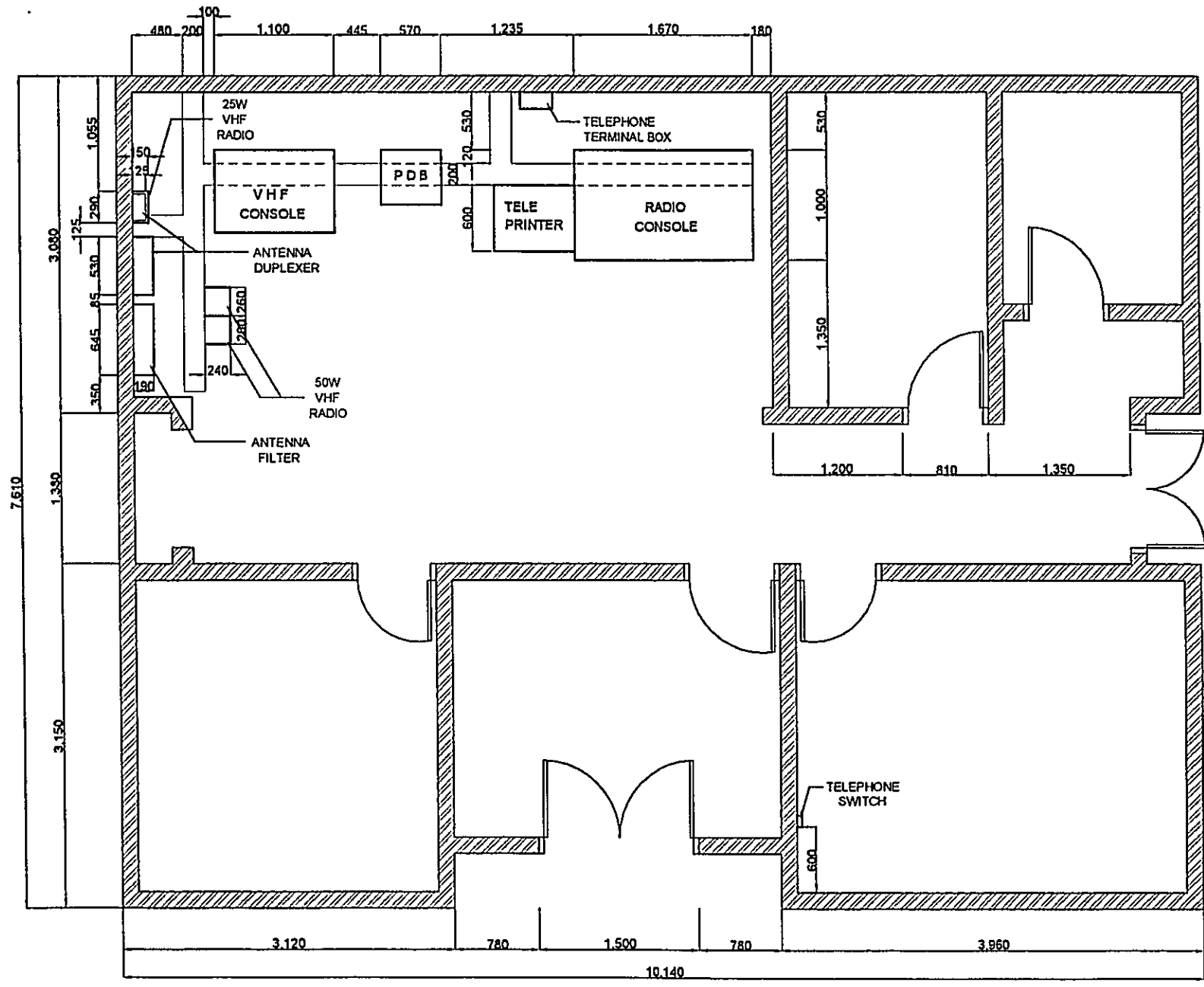


DRAWN BY: *[Signature]*
 APPROVED BY: *[Signature]*
 JICA

LEGEND

- ANT : ANTENNA
- CH : CHANNEL
- E/G : ENGINE GENERATOR
- IL : INVERTED L
- VHF : VERY HIGH FREQUENCY
- WT : WIRE T TYPE

DATE	DRAWING TITLE	SHEET NO.
July 06, 2001	ANTENNA LAYOUT	1/1
SCALE	SITE NAME	
1:50	SAMARINDA	
DIMENSION	DRAWING NO.	
Millimeter	S, R, O, P, -, S, M, D, -, 1, 4, 2, -, 2, 1	
- PT. Aneka Asia Buana		

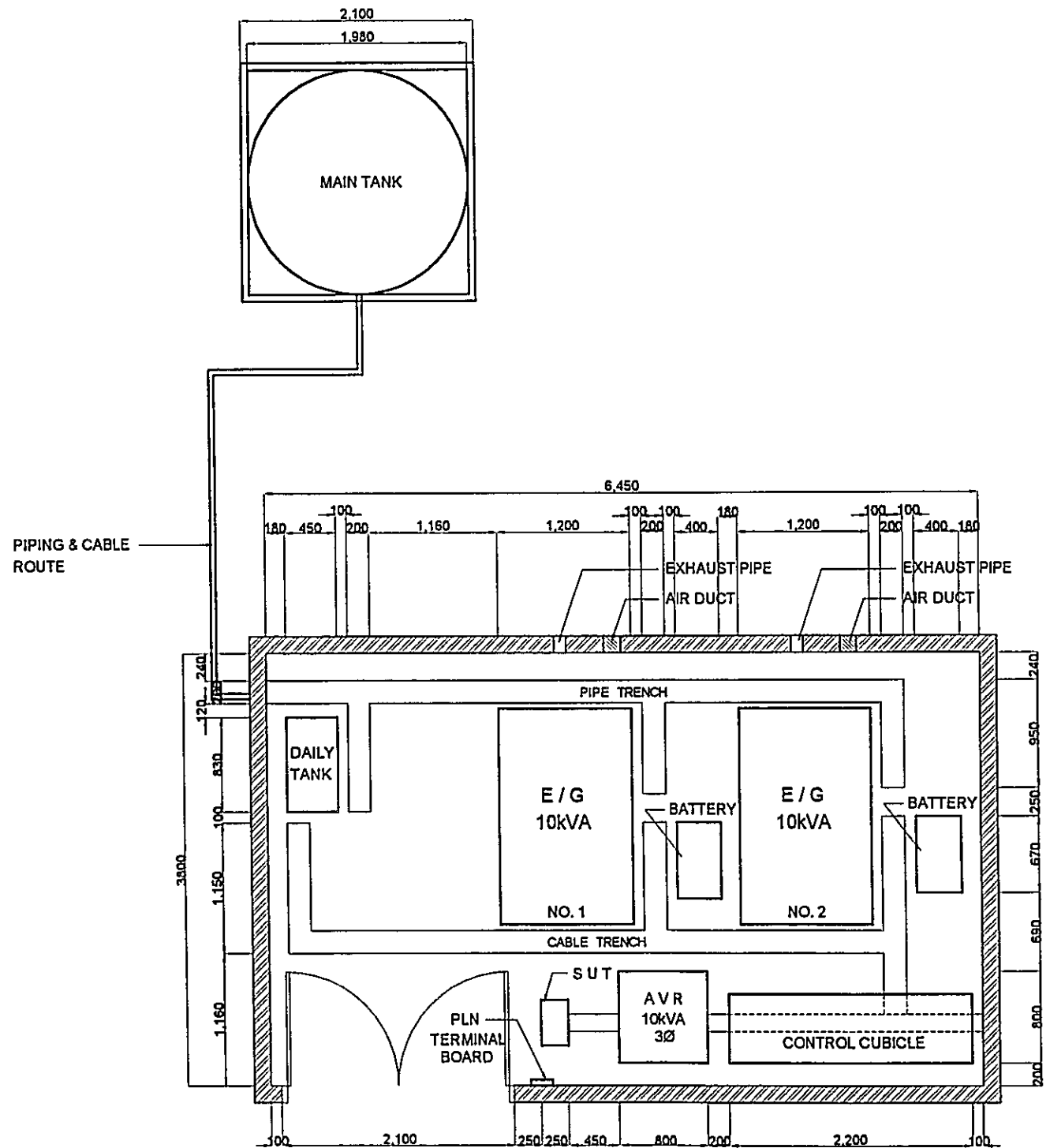


DRAWN BY AAB
 APPROVED BY JICA: *[Signature]*

LEGEND

- PDB : POWER DISTRIBUTION BOARD
- VHF : VERY HIGH FREQUENCY
- W : WIRE / WATT

DATE July 06, 2001	DRAWING TITLE EQUIPMENT FLOOR LAYOUT	SHEET NO 1/1
SCALE 1 : 50	SITE NAME SAMARINDA	
DIMENSION Millimeter	DRAWING NO. S, R, O, P, -, S, M, D, -, 1, 4, 2, -, 3, 1	
- PT. Aneka Asia Buana		

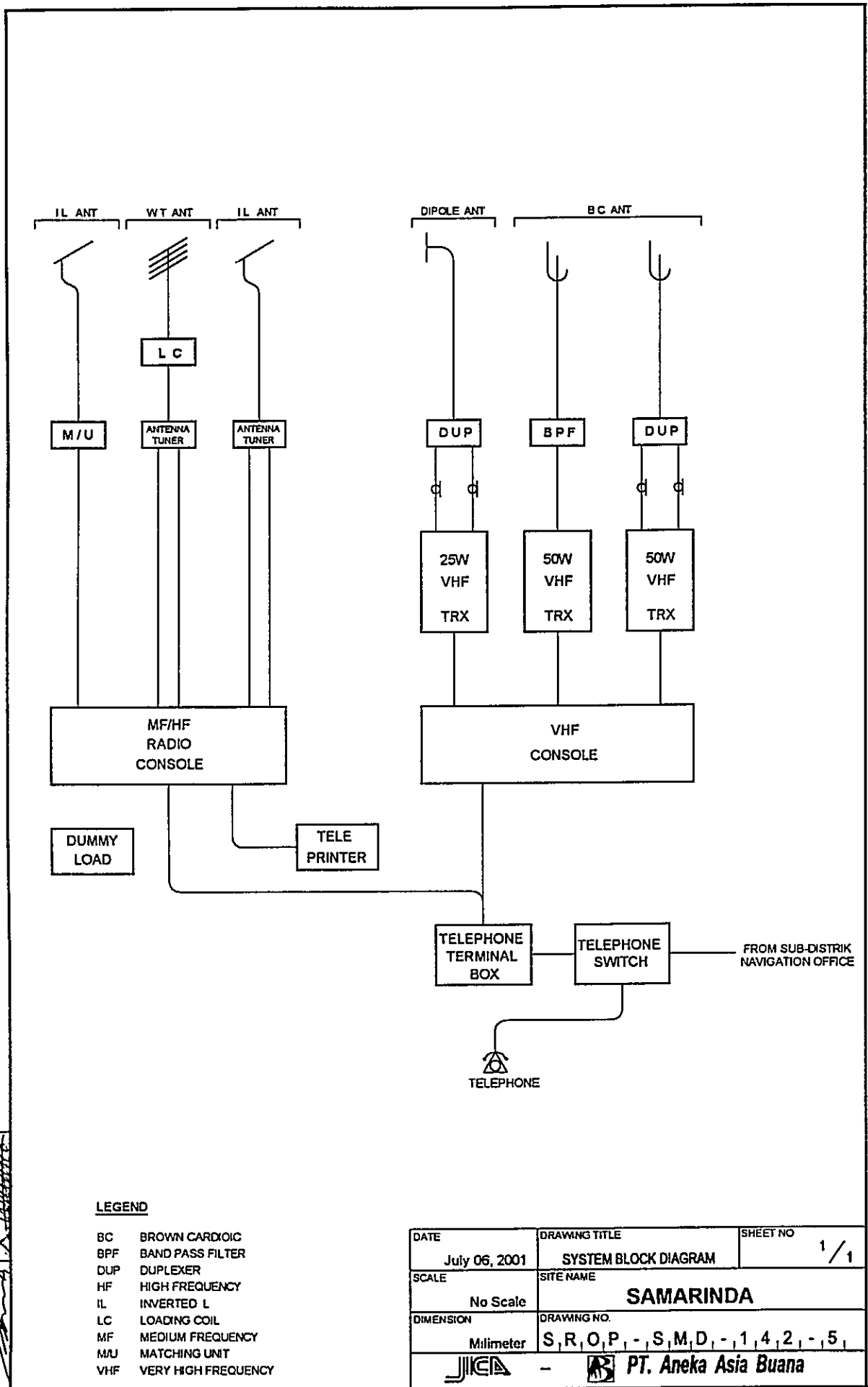


LEGEND

- AVR : AUTOMATIC VOLTAGE REGULATOR
- E/G : ENGINE GENERATOR
- KVA : KILO VOLT AMPERE
- SUT : STEP - UP TRANSFORMER
- Ø : PHASE

DATE July 06, 2001	DRAWING TITLE E/G FLOOR LAYOUT	SHEET NO. 1/1
SCALE 1:50	SITE NAME SAMARINDA	
DIMENSION Millimeter	DRAWING NO. S, R, O, P, - S, M, D, - 1, 4, 2, - 4, 1	

APPROVED BY JICA:
 DRAWN BY AAS:

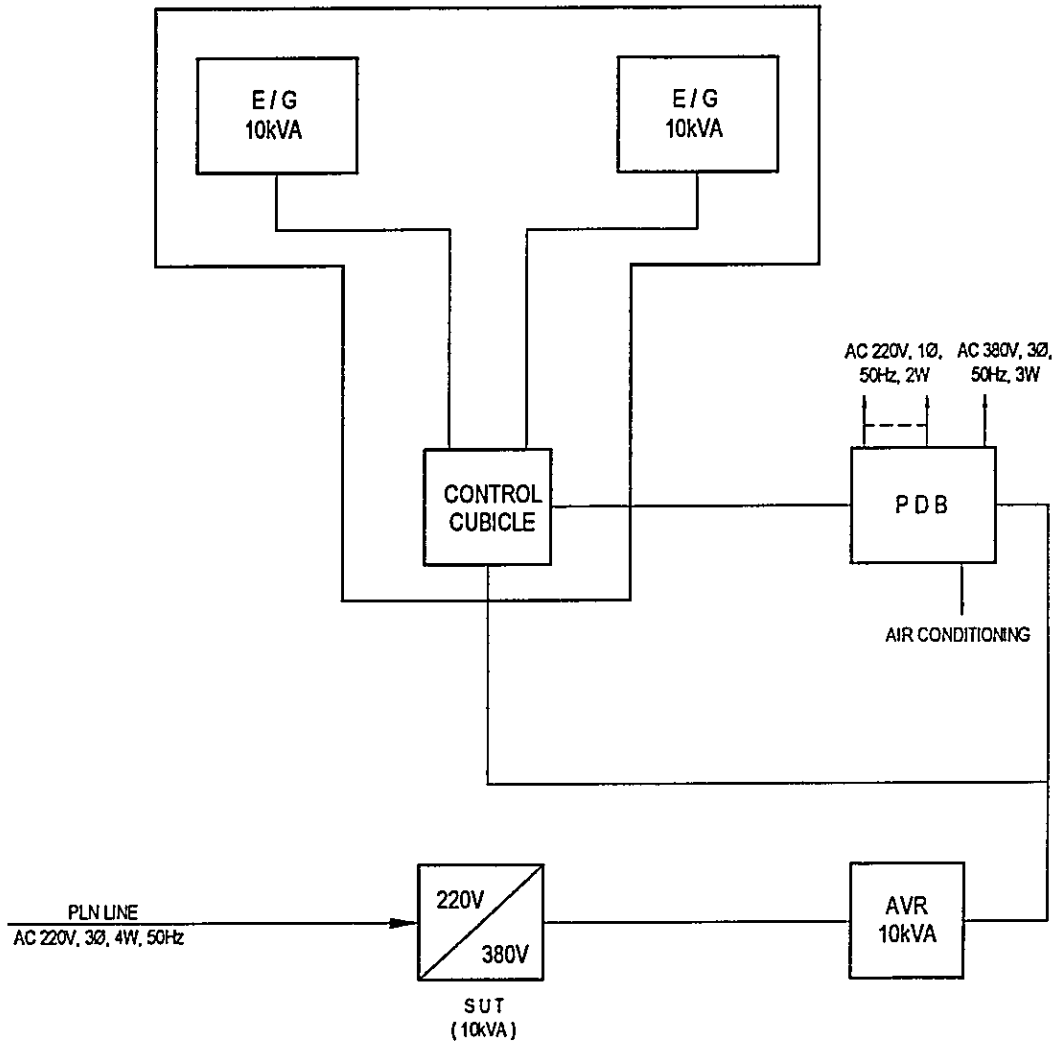


APPROVED BY JICA
 DRAWN BY AAB

LEGEND

- BC BROWN CARDOIC
- BPF BAND PASS FILTER
- DUP DUPLEXER
- HF HIGH FREQUENCY
- IL INVERTED L
- LC LOADING COIL
- MF MEDIUM FREQUENCY
- MU MATCHING UNIT
- VHF VERY HIGH FREQUENCY

DATE July 06, 2001	DRAWING TITLE SYSTEM BLOCK DIAGRAM	SHEET NO 1/1
SCALE No Scale	SITE NAME SAMARINDA	
DIMENSION Milimeter	DRAWING NO. S, R, O, P, -, S, M, D, -, 1, 4, 2, -, 5, 1	
- PT. Aneka Asia Buana		



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

LEGEND

- AVR : AUTOMATIC VOLTAGE REGULATOR
- E/G : ENGINE GENERATOR
- KVA : KILO VOLT AMPERE
- PDB : POWER DISTRIBUTION BOARD
- V : VOLT
- W : WATT / WIRE
- Ø : PHASE

DATE	DRAWING TITLE	SHEET NO
July 06, 2001	POWER BLOCK DIAGRAM	1 / 1
SCALE	SITE NAME	
No Scale	SAMARINDA	
DIMENSION	DRAWING NO.	
Milimeter	S, R, O, P, - S, M, D, - 1, 4, 2, - 6,	
- PT. Aneka Asia Buana		

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

4th-A Class Coast Station Muara Pegah (Coast Station No. 143)

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 PEGAH		
	CLASS	4th-A	NO.	143

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX				117° 17' 50" E	00° 51' 40" S

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

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

3.1 Site Conditions			
Topography	Nature of Soil	Past disaster of site	Confirmation of existing system
<input type="checkbox"/> Flat	<input type="checkbox"/> Dry soil	<input type="checkbox"/> Flood	Yes No
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Flood Tide	<input type="checkbox"/> <input checked="" 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 type="checkbox"/> <input checked="" type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy		<input type="checkbox"/> <input checked="" type="checkbox"/> Lightning system
Altitude	M	Telephone Lines	<input type="checkbox"/> <input checked="" type="checkbox"/> Feeder Cable Way
Land area	m ²	<input type="checkbox"/> Lines	<input type="checkbox"/> <input checked="" type="checkbox"/> City water

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

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS				
Actions taken in equipment failure					TX/RX			
Restoration flow				Chief				
Examples of major failure				Operator (skilled)	()	()		
Sufficiency of spares				Technician (skilled)	()	()		
Records of damages		Environmental Conditions		Administrator				
<input type="checkbox"/> Heavy rainfall		Good	Bad					
<input type="checkbox"/> Storm		<input type="checkbox"/>	<input checked="" type="checkbox"/>	External noises	Total			
<input type="checkbox"/> Lightning		<input type="checkbox"/>	<input checked="" 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	MUARA PEGAH		
	CLASS	4th-A	NO.	143

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

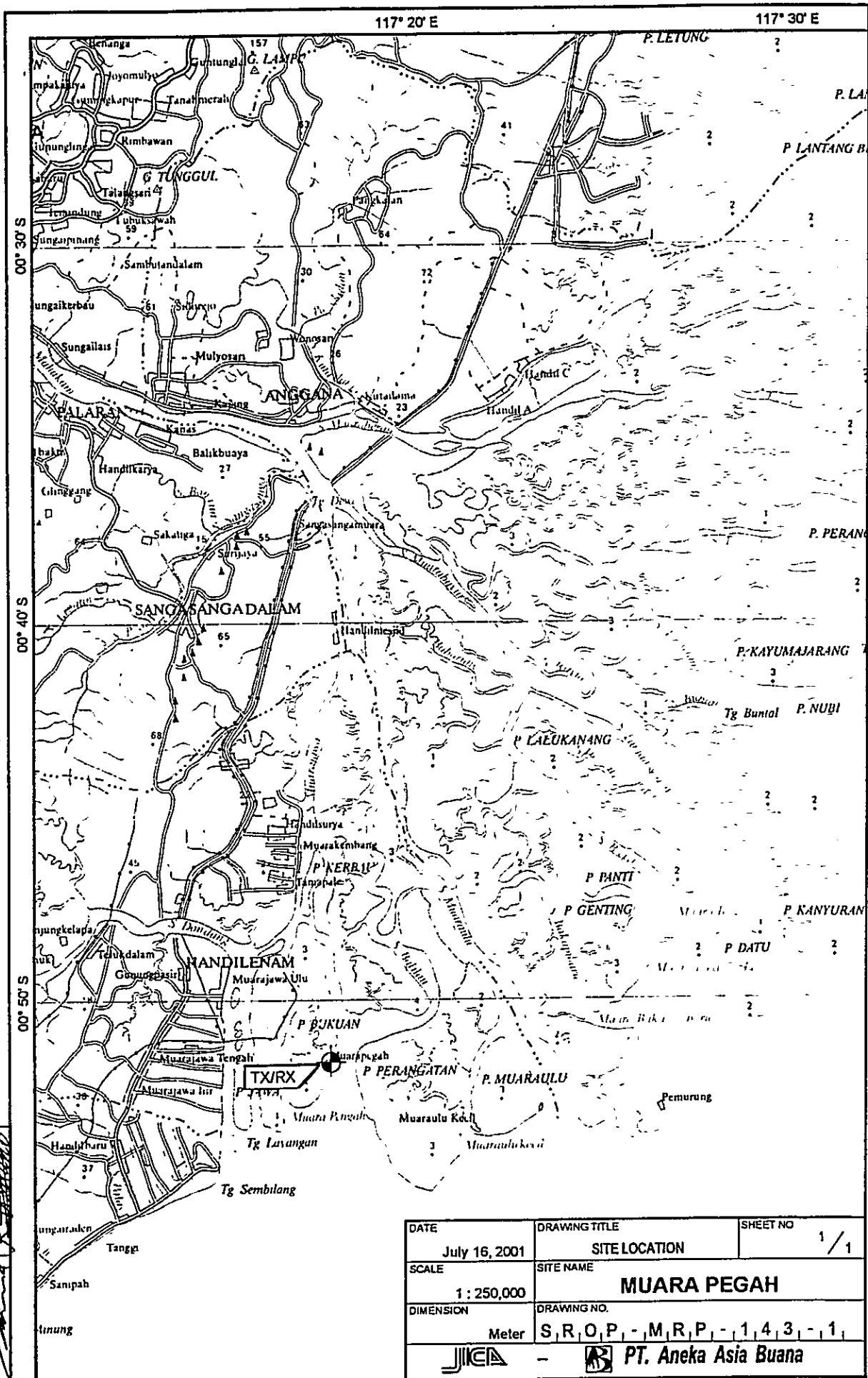
7. COMMENTS	
Suggestion	
Remarks	

INVENTORY



Site Name: Muara Pegah

MRP-143- (1 / 1)

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



APPROVED BY JICA: 
 DRAWN BY AAB: 

DATE	DRAWING TITLE	SHEET NO
July 16, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 250,000	MUARA PEGAH	
DIMENSION	DRAWING NO.	
Meter	S, R, O, P - M, R, P - 1, 4, 3 - 1	
	 PT. Aneka Asia Buana	

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

**4th-A Class Coast Station
Tg. Santan
(Coast Station No. 144)**

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	TG. SANTAN		
	CLASS	4th-A	NO.	144

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Pantai Tanjung Kamal			117° 31' 00" E	00° 02' 00" S

2. GENERAL CONDITIONS					
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population
By Air	to BLP [Taking time: 1:30 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input type="checkbox"/> Hotel	
By Car	to Tg.Santan [Taking time: hr.]	<input type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input checked="" type="checkbox"/> Motel	
		<input checked="" 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"/> Flood	Yes No
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input type="checkbox"/> Flood Tide	<input checked="" type="checkbox"/> <input type="checkbox"/> Antenna
<input type="checkbox"/> Hill-top	<input type="checkbox"/> Swampy	<input type="checkbox"/> Rain Leakage	<input type="checkbox"/> <input checked="" type="checkbox"/> Towers (Masts)
<input type="checkbox"/> Basin	<input checked="" type="checkbox"/> Clay	<input type="checkbox"/> Ground Subsidence	<input type="checkbox"/> <input checked="" type="checkbox"/> Grounding system
<input type="checkbox"/> Valley	<input type="checkbox"/> Sandy	<input checked="" type="checkbox"/> Tide	<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	100.00 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	V	110/220 V	
Structure	Concrete	Phase		<input type="checkbox"/> <input type="checkbox"/> Power Supply System	
Type of roof	Zinc	Wire		<input checked="" type="checkbox"/> <input type="checkbox"/> Operations of E/G	
Type of ceiling	Triplex	kVA		1.5	
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	Hours	Main tank	k Liter
Room Area (m ²)		Power interruption /month	Times	E/G Stand-by System	
Operation room	8.82	Total interpt. hours /month	Hours	<input checked="" type="checkbox"/> Single System	
E / G room	9.00	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	Repaired by himself (technician from Samarinda)			Chief	1			
Examples of major failure	Damaged by lightening			Operator (skilled)	1 (1)			
Sufficiency of spares	Not enough			Technician (skilled)	1 (1)			
Records of damages		Environmental Conditions		Administrator				
<input type="checkbox"/> Heavy rainfall		Good	Bad					
<input type="checkbox"/> Storm		<input checked="" type="checkbox"/>	<input type="checkbox"/>	External noises	Total	3		
<input type="checkbox"/> Lightning		<input checked="" type="checkbox"/>	<input type="checkbox"/>	Air pollution				
<input type="checkbox"/> Other calamity								
Institutional and Human Statuses				Training Record				
1 Budget	<input type="checkbox"/> Sufficient	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Insufficient	Course	Class	Location	Period	Trainee
2 Spares	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
3 Measuring eqpt./tools	<input type="checkbox"/> Enough	<input checked="" type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
4 Number of Operator	<input type="checkbox"/> Enough	<input checked="" type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough					
5 Number of Technician	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input checked="" type="checkbox"/> Not enough					
6 Capability of Operator	<input type="checkbox"/> Skilled	<input checked="" type="checkbox"/> Not so bad	<input type="checkbox"/> Not capable					
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	TG. SANTAN		
	CLASS	4th-A	NO.	144

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	Tg. Santan is especial port and the owner is Pertamina, which have never been visited by passenger ship, trade ship or commodity In Tg. Santan there is Coast Station PKN-V, the owner is Pertamina
Remarks	

INVENTORY

Site Name: Tanjung Santan

TST-144- (1 / 1)

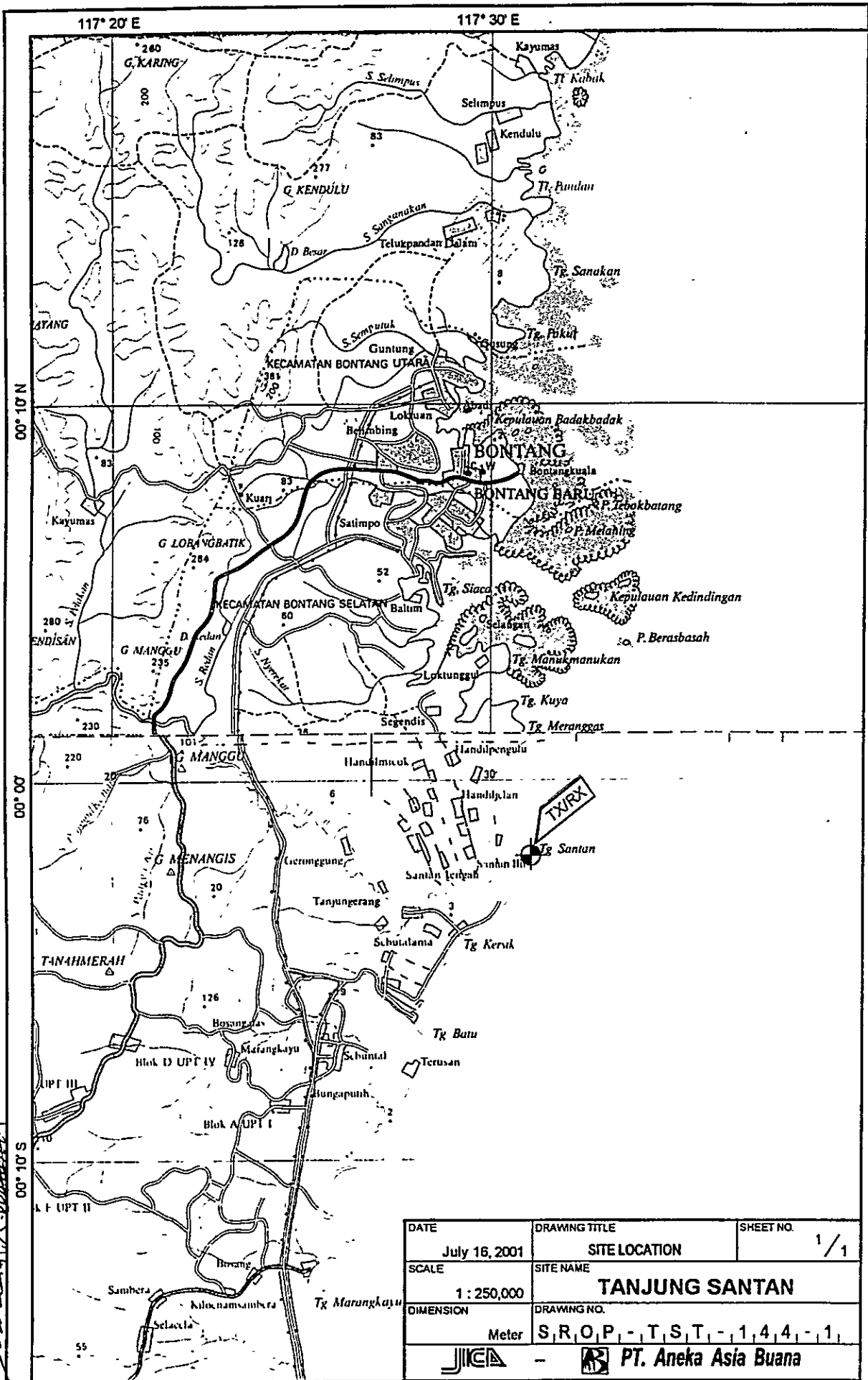
No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		Transmitter			JRC	1978			
1		SSB Transceiver	PYE 130		JRC	1994			
2		HF Transceiver	IC-77						
2		Power Supply Equipment							
2-1		UPS & AVR			JRC	1978			
1		Power Supply			JRC	1994			
2		Power Supply	Diamont		JRC	1994			
3		Battery Charger	Delta		JRC	1994			
4		AVR	500 N		JRC	1995			
2-2		Engine Generator			Yanmar				
1		Engine Generator (1.5 kVA)	TS.80						
3		Measuring Equipment							
1		AVO Meter	SP 15 D		Sanwa	1995			
2		Tester	BT 121		JRC	1994			


STATUS OF TROUBLES



SITE NAME : TANJUNG SANTAN

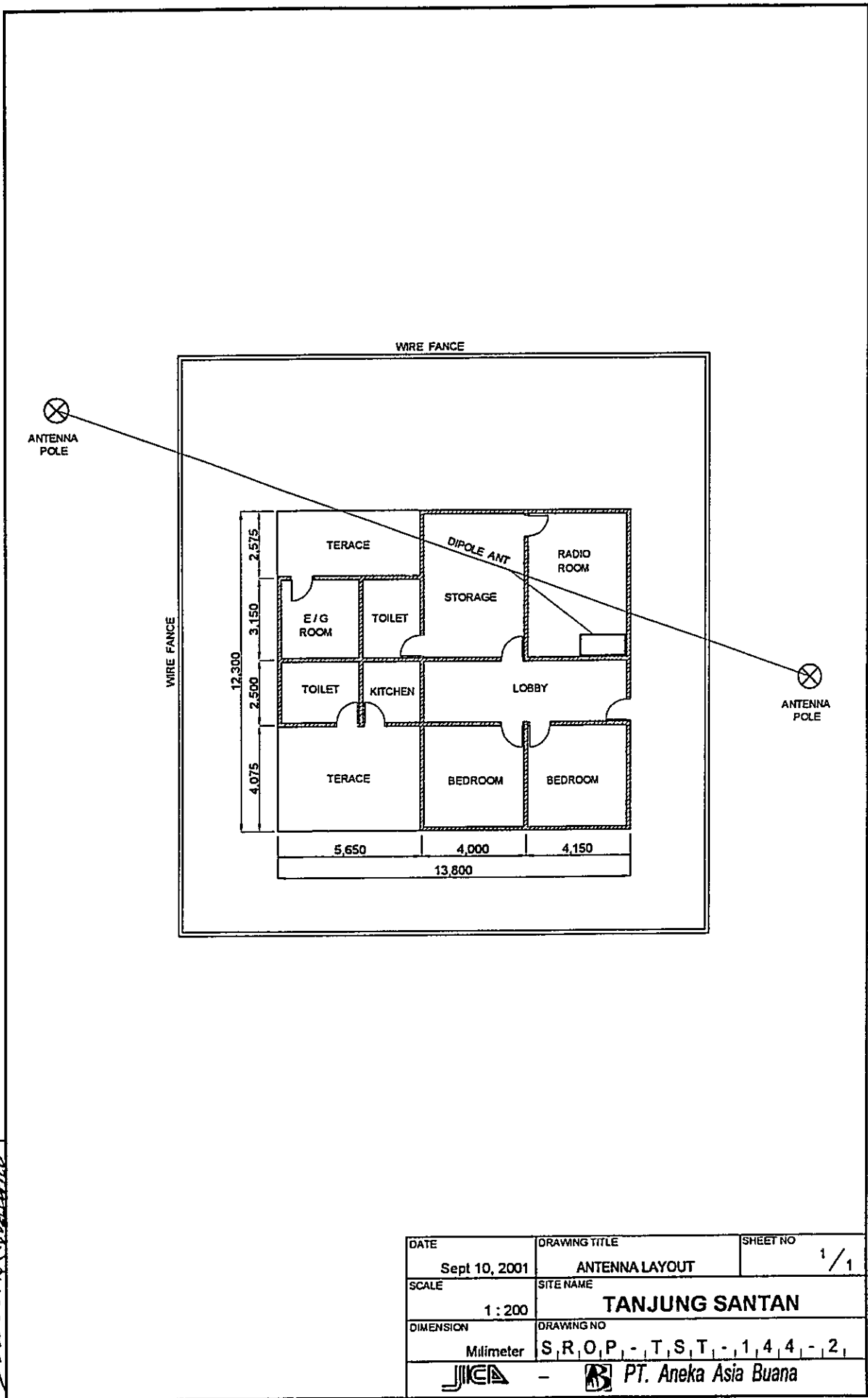
TST-144-(1/1)

Item / Equipment	Icom 77 / -	
Manufacturer	Jakarta	
Manufacturer in year	1994	
Defective panel / unit	-	
Details of Trouble Status	Cause doe to:	Urgency of Repair Repairing to be: <input type="checkbox"/> Immediacy <input type="checkbox"/> By next year budget <input type="checkbox"/> By next project <input type="checkbox"/> Unnecessary
	<input type="checkbox"/> Aging	
	<input type="checkbox"/> Lightning	
	<input checked="" type="checkbox"/> Corrosion	
	<input type="checkbox"/> Lack of Spares	
<input type="checkbox"/> Others		
<u>General Comment for Maintenance:</u>		





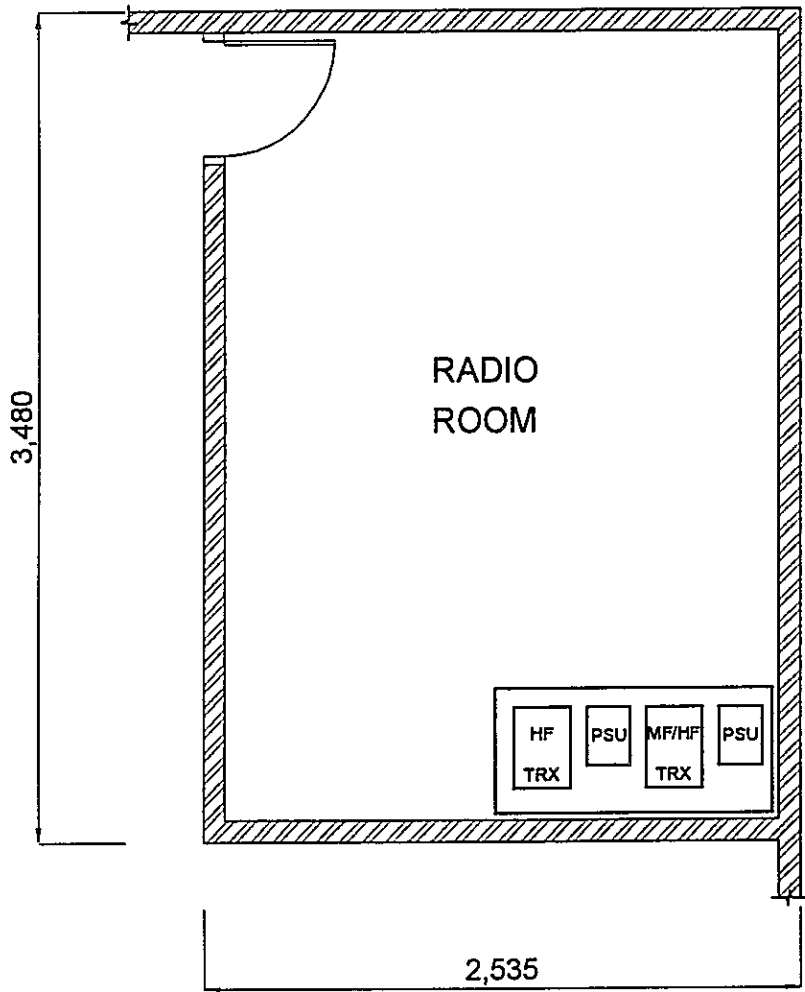
DRAWN BY AAR.
 APPROVED BY JICA


DATE	DRAWING TITLE	SHEET NO.
July 16, 2001	SITE LOCATION	1/1
SCALE	SITE NAME	
1 : 250,000	TANJUNG SANTAN	
DIMENSION	DRAWING NO.	
Meter	S, R, O, P, - T, S, T, - 1, 4, 4, - 1,	
  PT. Aneka Asia Buana		



DRAWN BY AAB
 APPROVED BY JICA


DATE	DRAWING TITLE	SHEET NO
Sept 10, 2001	ANTENNA LAYOUT	1 / 1
SCALE	SITE NAME	
1 : 200	TANJUNG SANTAN	
DIMENSION	DRAWING NO	
Milimeter	S.R.O.P - T.S.T - 1.4.4 - 2	
 -  PT. Aneka Asia Buana		

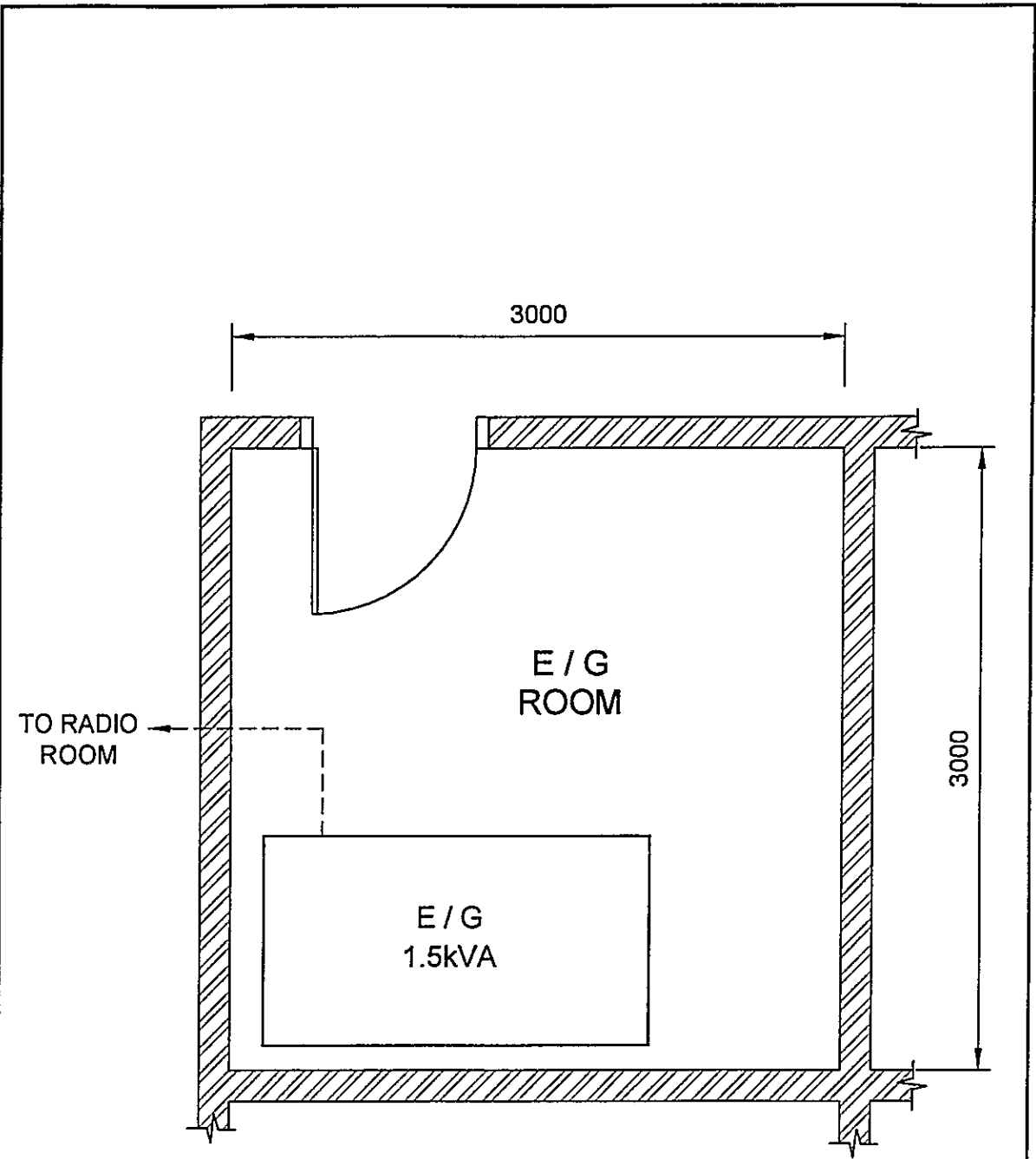


LEGEND

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

DRAWN BY AAB
 APPROVED BY JICA

DATE Sept 10, 2001	DRAWING TITLE EQUIPMENT FLOOR LAYOUT	SHEET NO. 1/1
SCALE 1:50	SITE NAME TANJUNG SANTAN	
DIMENSION Millimeter	DRAWING NO. S.R.O.P. - T.S.T. - 1.4.4 - 3.	
- PT. Aneka Asia Buana		

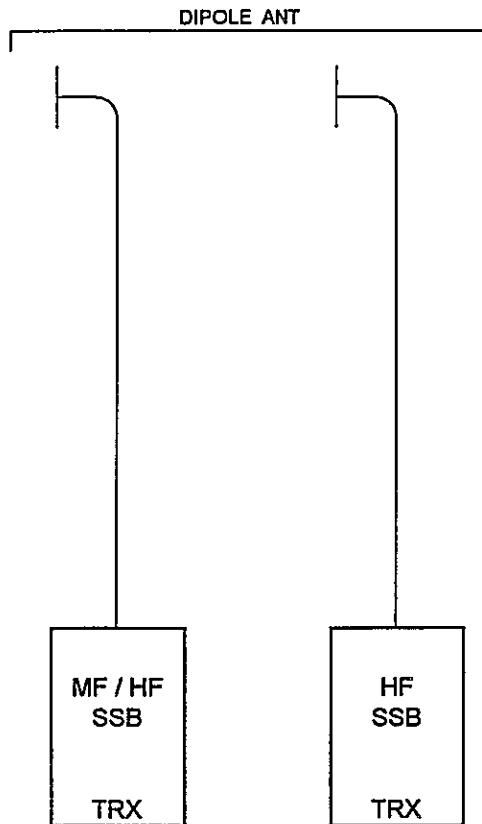


DRAWN BY AAB
 APPROVED BY JICA:

LEGEND

E/G : ENGINE GENERATOR
 kVA : KILO VOLT AMPERE

DATE	DRAWING TITLE	SHEET NO
Sept 10, 2001	E/G FLOOR LAYOUT	1/1
SCALE	SITE NAME	
1 : 30	TANJUNG SANTAN	
DIMENSION	DRAWING NO	
Milimeter	S, R, O, P, - , T, S, T, - , 1, 4, 4, - , 4,	
- PT. Aneka Asia Buana		

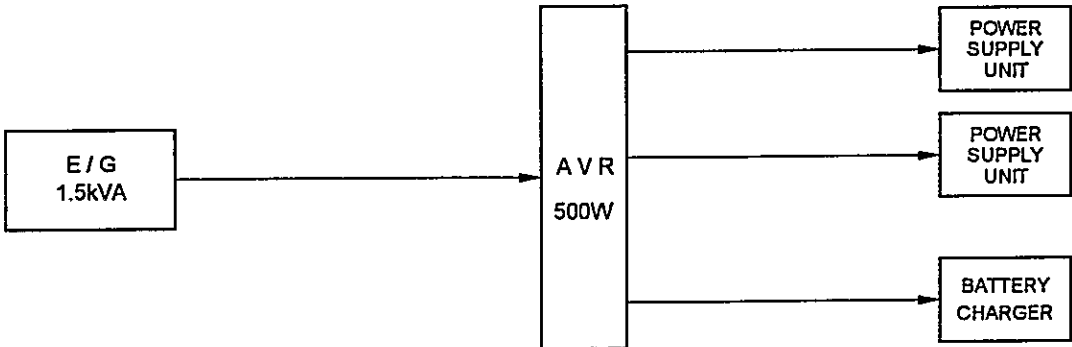


LEGEND

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

DRAWN BY AAB
 APPROVED BY JICA



DATE July 30, 2001	DRAWING TITLE SYSTEM BLOCK DIAGRAM	SHEET NO. 1 / 1
SCALE No Scale	SITE NAME TANJUNG SANTAN	
DIMENSION Milimeter	DRAWING NO. S, R, O, P, -, T, S, T, -, 1, 4, 4, -, 5,	
- PT. Aneka Asia Buana		



DRAWN BY AAB
 APPROVED BY JICA


LEGEND

- AC : ALTERNATING CURRENT
- AVR : AUTOMATIC VOLTAGE REGULATOR
- E/G : ENGINE GENERATOR
- V : VOLT
- W : WIRE / WATT
- ∅ : PHASE

DATE	DRAWING TITLE	SHEET NO.
July 30, 2001	POWER BLOCK DIAGRAM	1 / 1
SCALE	SITE NAME	
No Scale	TANJUNG SANTAN	
DIMENSION	DRAWING NO	
Milimeter	S, R, O, P - T, S, T - 1, 4, 4 - 6	
 -  PT. Aneka Asia Buana		

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

4th-B Class Coast Station Sangata (Coast Station No. 145)

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	SANGATA		
	CLASS	4th-B	NO.	145

1. LOCATION

Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Jl. Pelabuhan No. 6 Sangata	0549-21989		117° 30' 00" E	00° 27' 00" N

2. GENERAL CONDITIONS

Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
By Air to Balikpapan [Taking time: 1:30 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	75,000
By Car to Samarinda [Taking time: 3:00 hr.]	<input checked="" type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input type="checkbox"/> Motel	
By Car to Sangata [Taking time: 5:00 hr.]	<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 checked="" type="checkbox"/> Flood	Yes	No
<input type="checkbox"/> Slope	<input type="checkbox"/> Ordinary	<input checked="" 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	100.00 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		Voltage	V	Good Bad	
Structure		Phase		<input type="checkbox"/> <input checked="" type="checkbox"/> Power Supply System	
Type of roof		Wire		<input type="checkbox"/> <input checked="" type="checkbox"/> Operations of E/G	
Type of ceiling		kVA		<input type="checkbox"/> <input checked="" type="checkbox"/> Operations of AVR	
Type of wall		Quality of PLN source		Capacity of fuel for engine	
Wall finish		Fluctuations	V ± %	Day tank	Liter
Flooring		Availability of power per day	Hours	Main tank	k Liter
Room Area (m ²)		Power interruption /month	Times	E/G Stand-by System	
Operation room		Total interpt. hours /month	Hours	<input type="checkbox"/> Single System	
E / G room		Max. interpt. hours at once	Hours	<input type="checkbox"/> Dual System	
Remark	No Data (Operated by Kanpel Staff)				

4. OPERATION AND MAINTENANCE

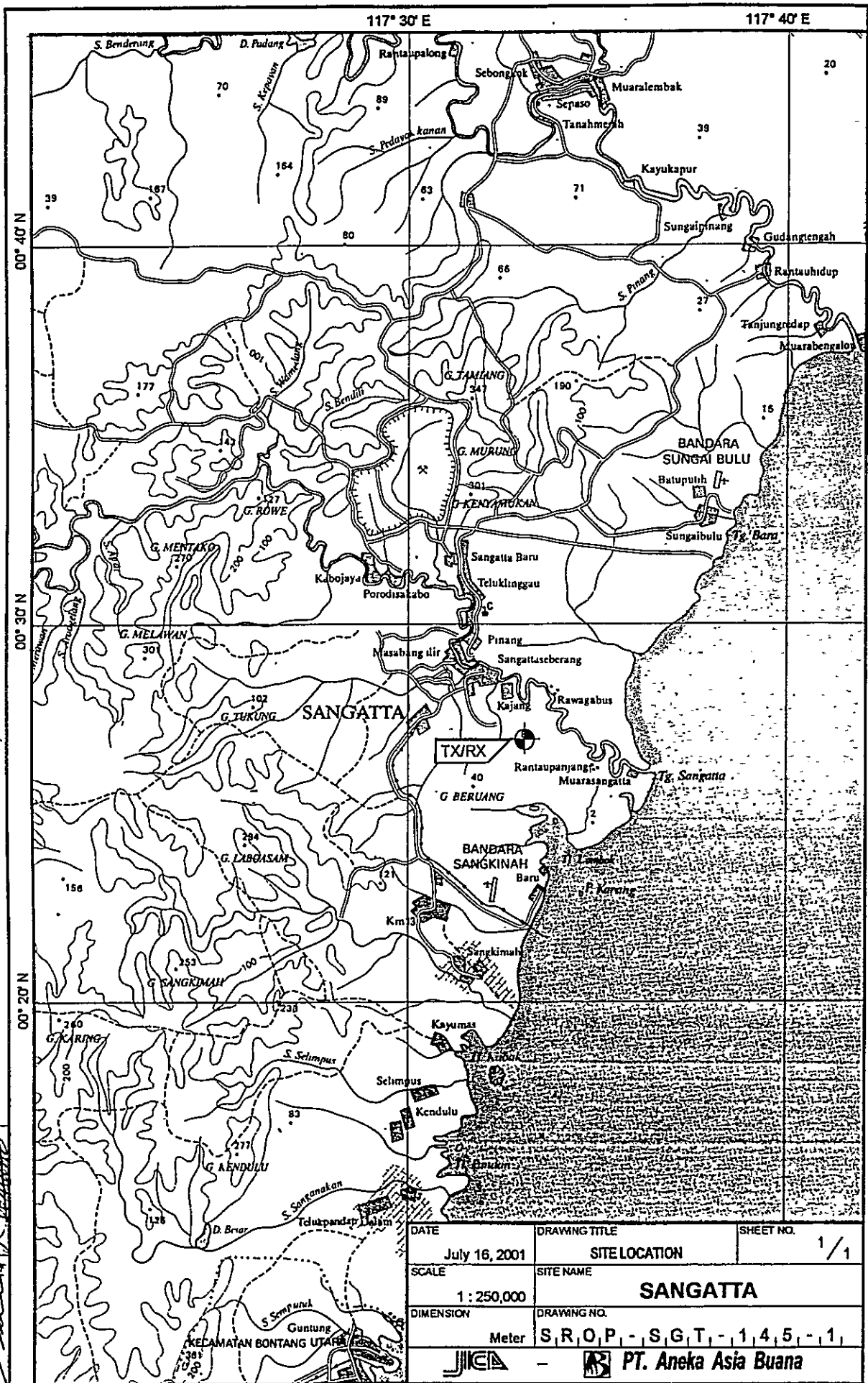
5. PERSONNEL FORMATIONS

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 Statures				Training Record	
1 Budget	<input type="checkbox"/> Sufficient	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Insufficient	Course	Class
2 Spares	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough	Location	Period
3 Measuring eqpt./tools	<input type="checkbox"/> Enough	<input type="checkbox"/> Reasonable	<input type="checkbox"/> Not enough	Trainee	
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	SANGATA		
	CLASS	4th-B	NO.	145

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	



DRAWN BY AAB

APPROVED BY JICA

DATE	DRAWING TITLE	SHEET NO.
July 16, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 250,000	SANGATTA	
DIMENSION	DRAWING NO.	
Meter	S, R, O, P, - S, G, T, - 1, 4, 5, - 1	
-		

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

**4th-B Class Coast Station
Sangkulirang
(Coast Station No. 146)**

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	SANGKULIRANG		
	CLASS	4th-B	NO.	146

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Jl. Pelabuhan No. 20			118° 04' 08" E	00° 53' 40" N

2. GENERAL CONDITIONS					
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population
By Air	to BLP [Taking time 1.30 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input type="checkbox"/> Hotel	20,36
By Car	to Samarinda [Taking time: 2.00 hr]	<input checked="" type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input checked="" type="checkbox"/> Motel	
By Car	to SKR [Taking time 7.00 hr.]	<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 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 checked="" 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	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	One	Voltage V	V	Good	Bad
Structure	Concrete	Phase		<input checked="" type="checkbox"/> Power Supply System	
Type of roof	Shingle	Wire		<input checked="" type="checkbox"/> Operations of E/G	
Type of ceiling	Plywood	kVA		<input type="checkbox"/> Operations of AVR	
Type of wall	Mortar	Quality of PLN source		Capacity of fuel for engine	
Wall finish	Mortar	Fluctuations	V ± %	Day tank	Liter
Flooring	Wooden	Availability of power per day	12 Hours	Main tank	k Liter
Room Area (m ²)		Power interruption /month	20 Times	E/G Stand-by System	
Operation room	9.00	Total interpt. hours /month	30 Hours	<input type="checkbox"/> Single System	
E / G room		Max. interpt. hours at once	1.5 Hours	<input type="checkbox"/> Dual System	
Remark	No Data (Operated by Kanpel Staff)				

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS				
Actions taken in equipment failure				TX/RX				
Restoration flow	Repaired by him self			Chief				
Examples of major failure	Damaged by lightening			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		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 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 type="checkbox"/> Not enough					
6 Capability of Operator	<input type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input checked="" type="checkbox"/> Not capable					
7 Capability of Technician	<input type="checkbox"/> Skilled	<input type="checkbox"/> Not so bad	<input checked="" type="checkbox"/> Not capable					

SUMMARY OF COAST STATION	SITE	SANGKULIRANG		
	CLASS	4th-B	NO	146

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	Needed New Radio Maritime Telecommunication in accordance to the present condition for Needed the operator (for the time being he is a honorary and became Definitive Staff)
Remarks	

INVENTORY

Site Name: Sangkulirang

SKR-146 (1 / 1)

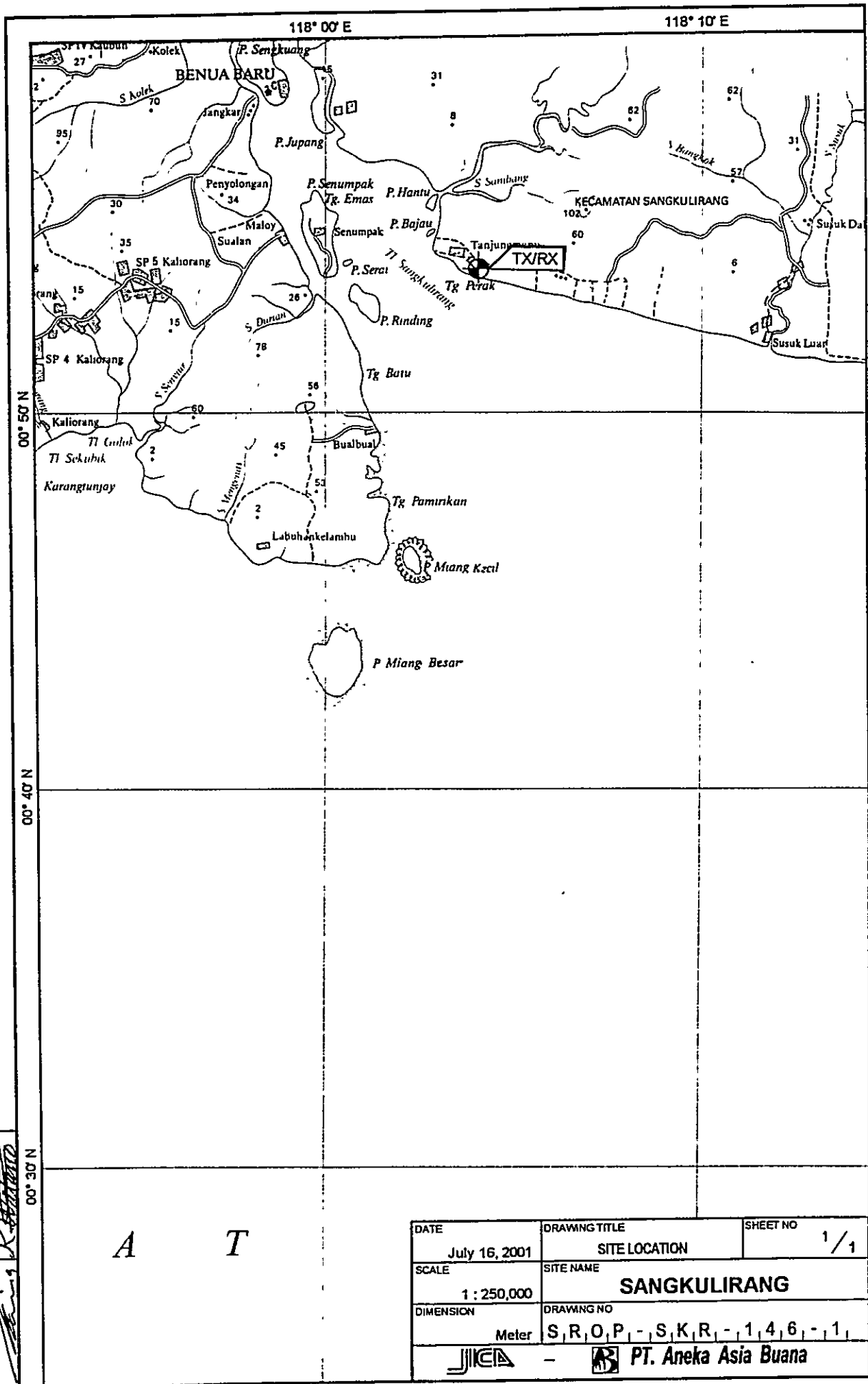
No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
1		Radio Equipment							
1-1		Transmitter							
1		SSB Radio Telephone	FS-1200	533-1043	Furuno	1979			Damaged
2		Tower & Antenna System							
2-1		Antenna System							
1		HF SSB Antenna (16 mH)	Dipole						
3		Power Supply Equipment							
3-1		UPS & AVR							
1		Battery 2 x 12V 200AH	12V/200AH		Yuasa				
2		Battery Charger	20A						

STATUS OF TROUBLES

SITE NAME : SANGKULIRANG

SKR-146-(1/1)

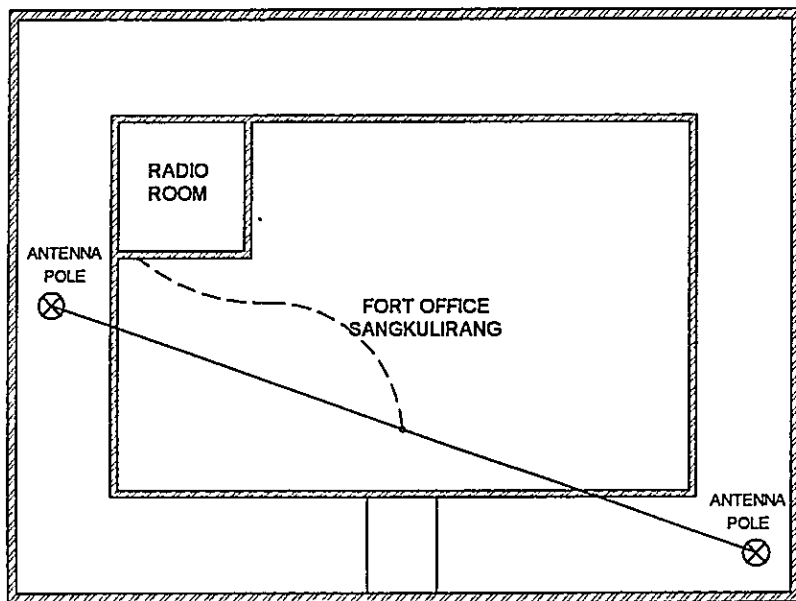
Item / Equipment	- / -		
Manufacturer	-		
Manufacturer in year	-		
Defective panel / unit	-		
Details of Trouble Status	Cause doe to:	Urgency of Repair	Repairing to be:
	<input checked="" type="checkbox"/> Aging		<input checked="" type="checkbox"/> Immediacy
	<input checked="" type="checkbox"/> Lightning		<input type="checkbox"/> By next year budget
	<input checked="" type="checkbox"/> Corrosion		<input type="checkbox"/> By next project
	<input checked="" type="checkbox"/> Lack of Spares		<input type="checkbox"/> Unnecessary
	<input type="checkbox"/> Others		
<u>General Comment for Maintenance:</u>			
<ul style="list-style-type: none"> - Radio equipment must be replaced with the new one, immediacy - Because the equipment is not sufficient to the necessity 			





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

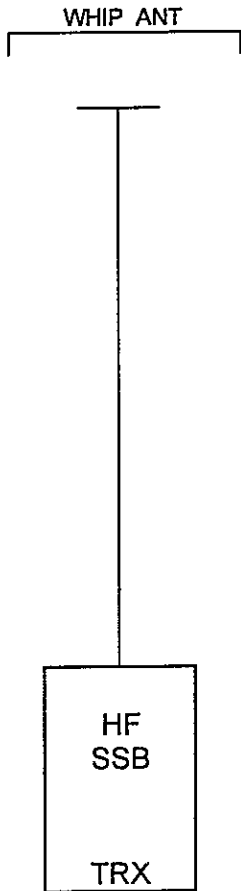
A T

DATE	DRAWING TITLE	SHEET NO
July 16, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 250,000	SANGKULIRANG	
DIMENSION	DRAWING NO	
Meter	S, R, O, P - S, K, R - 1, 4, 6 - 1	



APPROVED BY JICA
 DRAWN BY AAB



DATE	DRAWING TITLE	SHEET NO
8 November, 2001	ANTENNA LAYOUT	1/1
SCALE	SITE NAME	
1 : 150	SANGKULIRANG	
DIMENSION	DRAWING NO	
Milimeter	S, R, O, P, - , S, K, R, - , 1, 4, 6, - , 2,	
 -  PT. Aneka Asia Buana		

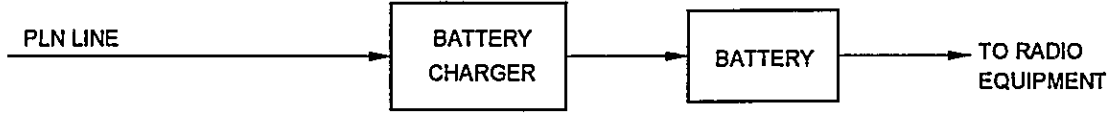


APPROVED BY JICA: 
 DRAWN BY AAB: 

LEGEND

- ANT : ANTENNA
- HF : HIGH FREQUENCY
- TRX : TRANSCEIVER

DATE	DRAWING TITLE	SHEET NO
8 November, 2001	SYSTEM BLOCK DIAGRAM	1 / 1
SCALE	SITE NAME	
No Scale	SANGKULIRANG	
DIMENSION	DRAWING NO.	
Milimeter	S, R, O, P, - S, K, R, - 1, 4, 6, - 5, 1	
 -  PT. Aneka Asia Buana		



DRAWN BY AAB
 APPROVED BY JICA

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

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

4th-B Class Coast Station Tanah Grogot (Coast Station No. 147)

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	TANAH GROGOT		
	CLASS	4th-B	NO.	147

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX				116° 11' 37" E	01° 53' 36" S

2. GENERAL CONDITIONS				
Moving from Jakarta	Site Access from Port	Road Traffic	Accommodation	Population
	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input type="checkbox"/> Hotel	
	<input type="checkbox"/> Paved	<input type="checkbox"/> Medium	<input type="checkbox"/> Motel	
	<input type="checkbox"/> Unpaved road	<input 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		Voltage	V	Good	Bad
Structure		Phase		<input type="checkbox"/>	<input checked="" type="checkbox"/> Power Supply System
Type of roof		Wire		<input type="checkbox"/>	<input checked="" type="checkbox"/> Operations of E/G
Type of ceiling		kVA		<input type="checkbox"/>	<input checked="" type="checkbox"/> Operations of AVR
Type of wall		Quality of PLN source		Capacity of fuel for engine	
Wall finish		Fluctuations	V ± %	Day tank	Liter
Flooring		Availability of power per day	Hours	Main tank	k Liter
Room Area (m ²)		Power interruption /month	Times	E/G Stand-by System	
Operation room		Total interpt. hours /month	Hours	<input type="checkbox"/>	Single System
E / G room		Max. interpt. hours at once	Hours	<input type="checkbox"/>	Dual System
Remark	No Data (Operated by Kanpel Staff)				

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	Administrator
<input type="checkbox"/> Heavy rainfall	Good Bad
<input type="checkbox"/> Storm	<input checked="" type="checkbox"/> External noises
<input type="checkbox"/> Lightning	<input checked="" type="checkbox"/> Air pollution
<input type="checkbox"/> Other calamity	Total
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	TANAH GROGOT		
	CLASS	4th-B	NO.	147

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			

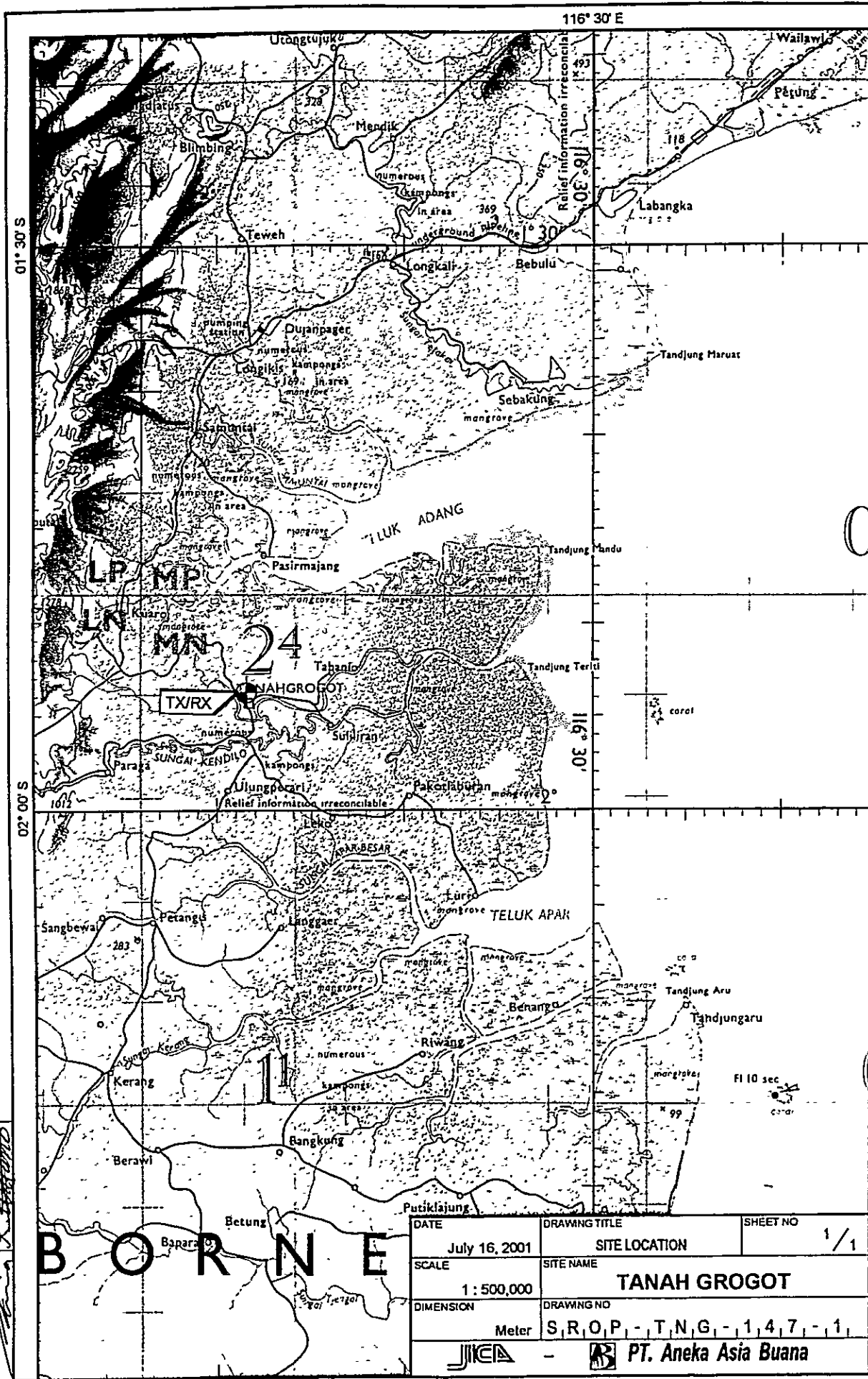
7. COMMENTS	
Suggestion	
Remarks	No Data (Operated by Kanpel Staff)

INVENTORY

Site Name: Tanah Grogot

TNG-147- (1 / 1)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
Data not Available due to no Response from Coast Station									



01° 30' S

116° 30' E

02° 00' S

116° 30'

APPROVED BY JICA
DRAWN BY AAB

B O R N E O

DATE	DRAWING TITLE	SHEET NO
July 16, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 500,000	TANAH GROGOT	
DIMENSION	DRAWING NO	
Meter	S, R, O, P, - T, N, G, - 1, 4, 7, - 1	
JICA	PT. Aneka Asia Buana	

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

4th-B Class Coast Station Bontang (Coast Station No. 148)

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	BONTANG		
	CLASS	4th-B	NO.	148

1. LOCATION					
Station	Address	Tel.	Fax	Longitude	Latitude
TX/RX	Kantor Pelabuhan Tg. Laut Bontang	0548-551236	0548-551573	117° 30' 00" E	00° 08' 20" N

2. GENERAL CONDITIONS					
Moving from Jakarta		Site Access from Port	Road Traffic	Accommodation	Population
By Air	to Balik Papan [Taking time: 2.00 hr.]	<input type="checkbox"/> Highway	<input type="checkbox"/> Heavy	<input checked="" type="checkbox"/> Hotel	150,000
By Ar	to Bontang [Taking time: 0:45 hr.]	<input checked="" type="checkbox"/> Paved	<input checked="" type="checkbox"/> Medium	<input type="checkbox"/> Motel	
		<input type="checkbox"/> Unpaved road	<input type="checkbox"/> Light		
			<input type="checkbox"/> None		

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

3.1 Site Conditions					
Topography	Nature of Soil		Past disaster of site	Confirmation of existing system	
<input 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		Voltage	V	Good Bad	
Structure		Phase		<input type="checkbox"/>	<input checked="" type="checkbox"/> Power Supply System
Type of roof		Wire		<input type="checkbox"/>	<input checked="" type="checkbox"/> Operations of E/G
Type of ceiling		kVA		<input type="checkbox"/>	<input checked="" type="checkbox"/> Operations of AVR
Type of wall		Quality of PLN source		Capacity of fuel for engine	
Wall finish		Fluctuations	V ± %	Day tank	Liter
Flooring		Availability of power per day		Main tank	k Liter
Room Area (m ²)		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	No Data (Operated by Kanpel Staff)				

4. OPERATION AND MAINTENANCE				5. PERSONNEL FORMATIONS					
Actions taken in equipment failure									
Restoration flow				Chief					
Examples of major failure				Operator (skilled)	()	()			
Sufficiency of spares				Technician (skilled)	()	()			
Records of damages			Environmental Conditions		Administrator				
<input type="checkbox"/> Heavy rainfall			Good	Bad					
<input type="checkbox"/> Storm			<input checked="" type="checkbox"/>	<input type="checkbox"/>	Total				
<input type="checkbox"/> Lightning			<input checked="" type="checkbox"/>	<input type="checkbox"/>					
<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	BONTANG		
	CLASS	4th-B	NO.	148

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			

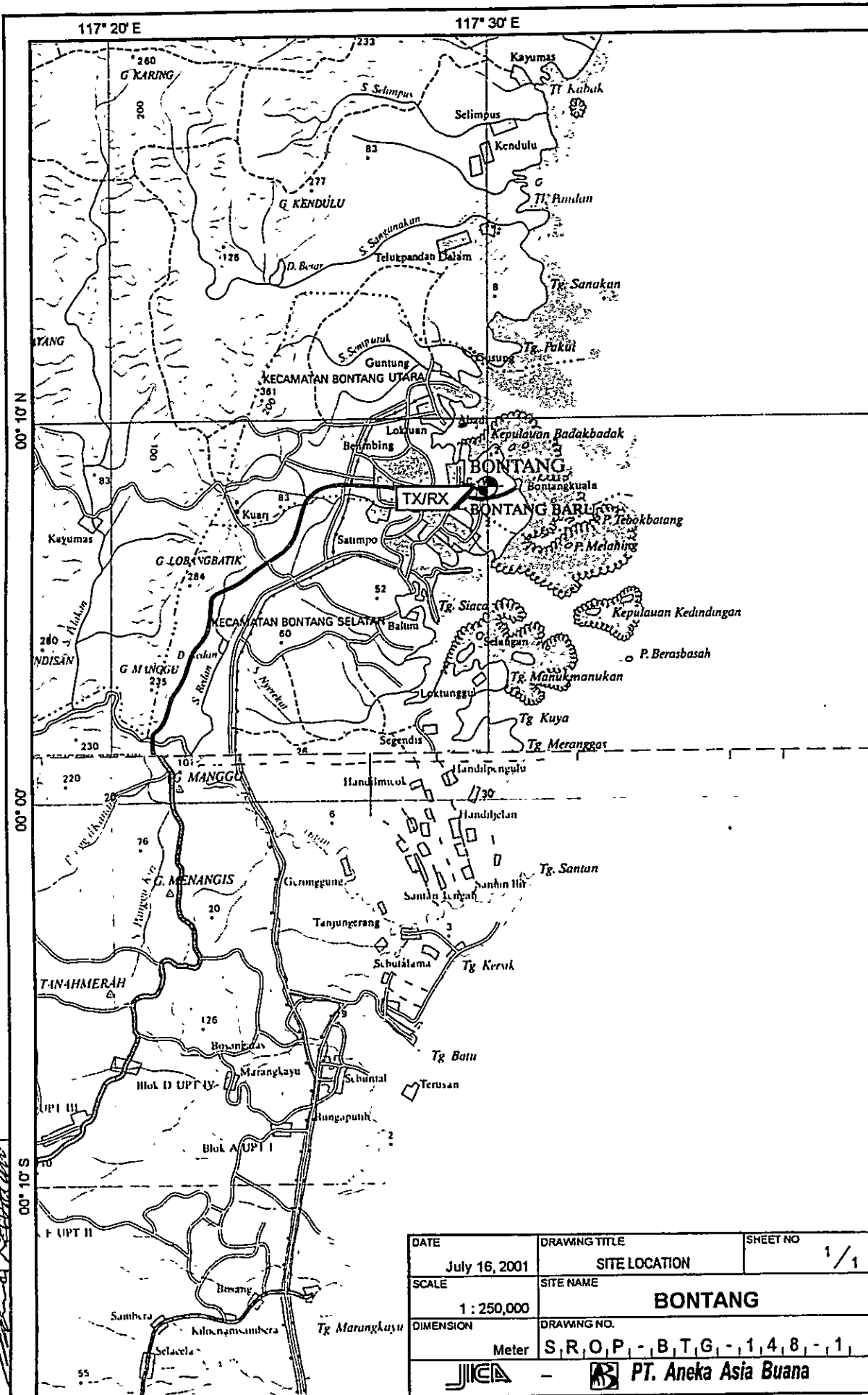
7. COMMENTS	
Suggestion	For the time being Rado used only for point to point Radio almost never been used because there is telephone and fax facility and office/room utilized Kanpel
Remarks	No Data (Operated by Kanpel Staff)

INVENTORY

Site Name: Bontang

BTG-148- (1 / 1)

No	Registered No.	Description	Type	Serial No	Manufacturer	Date	Reference	Maintenance Record	Condition
Data not Available due to no Response from Coast Station									



DRAWN BY AAB
 APPROVED BY JICA

DATE	DRAWING TITLE	SHEET NO
July 16, 2001	SITE LOCATION	1 / 1
SCALE	SITE NAME	
1 : 250,000	BONTANG	
DIMENSION	DRAWING NO.	
Meter	S, R, O, P - B, T, G - 1, 4, 8 - 1	