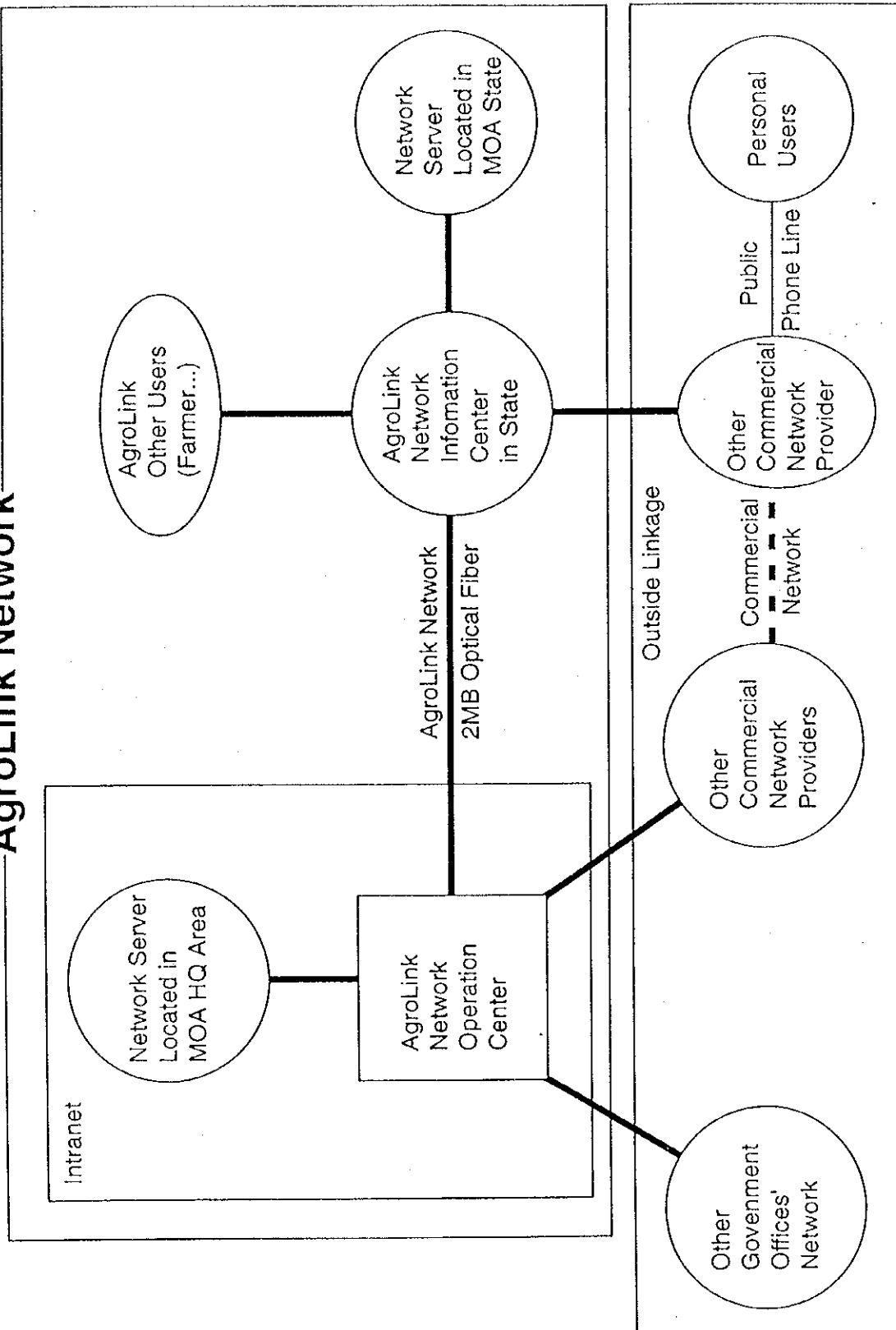


FIGURE

AgroLink Network

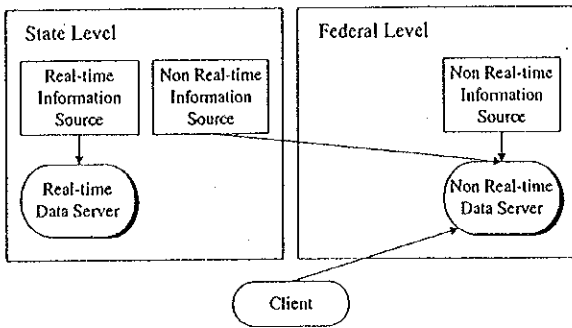


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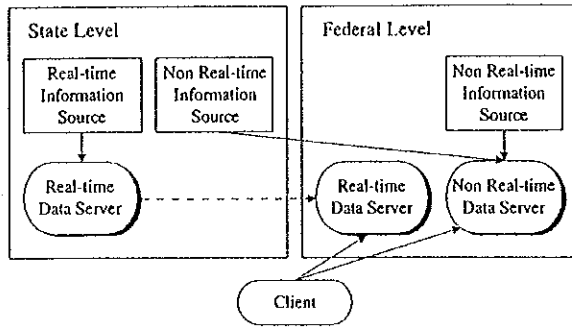
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Fig. IV-1 AGROLINK NETWORK CONFIGURATION

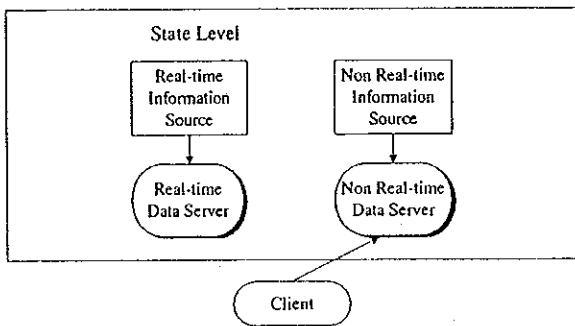
Alternative System Network Plan - 1



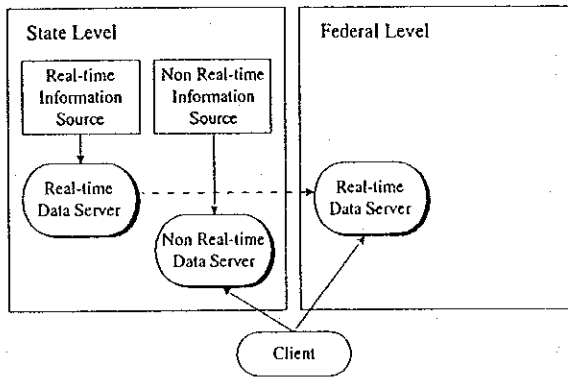
Alternative System Network Plan - 2



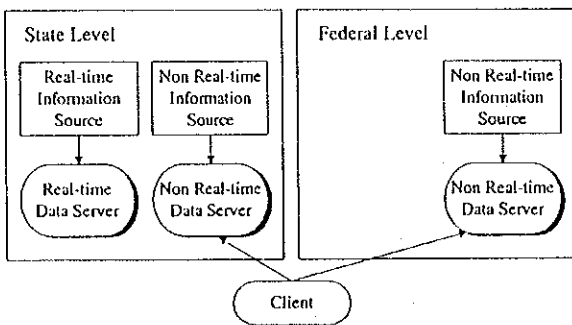
Alternative System Network Plan - 3



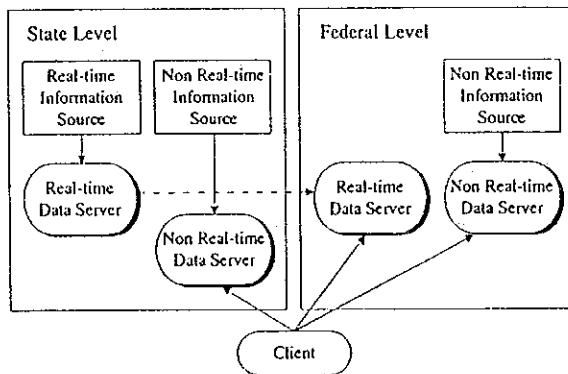
Alternative System Network Plan - 4

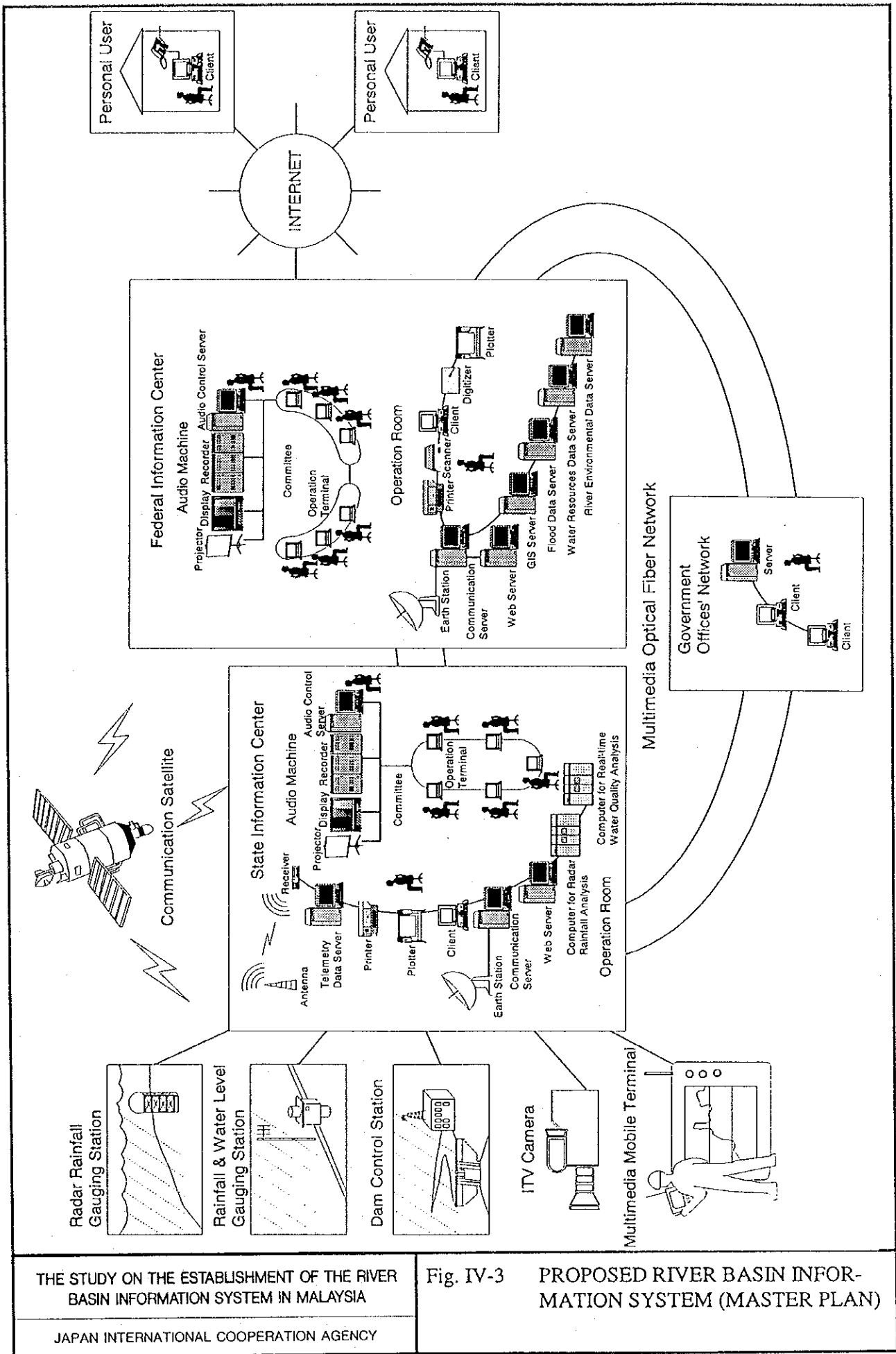


Alternative System Network Plan - 5



Alternative System Network Plan - 6



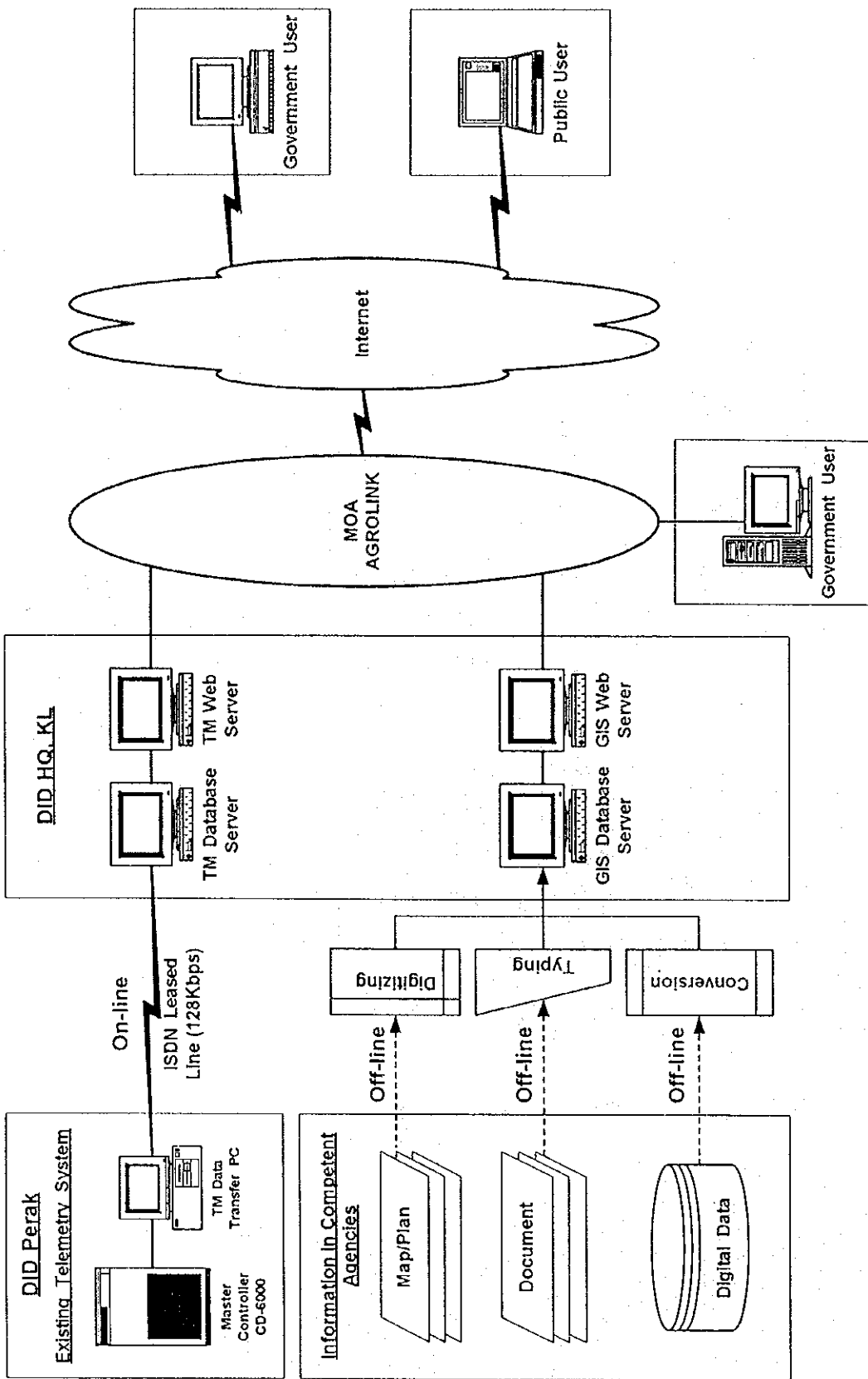


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Fig. IV-3

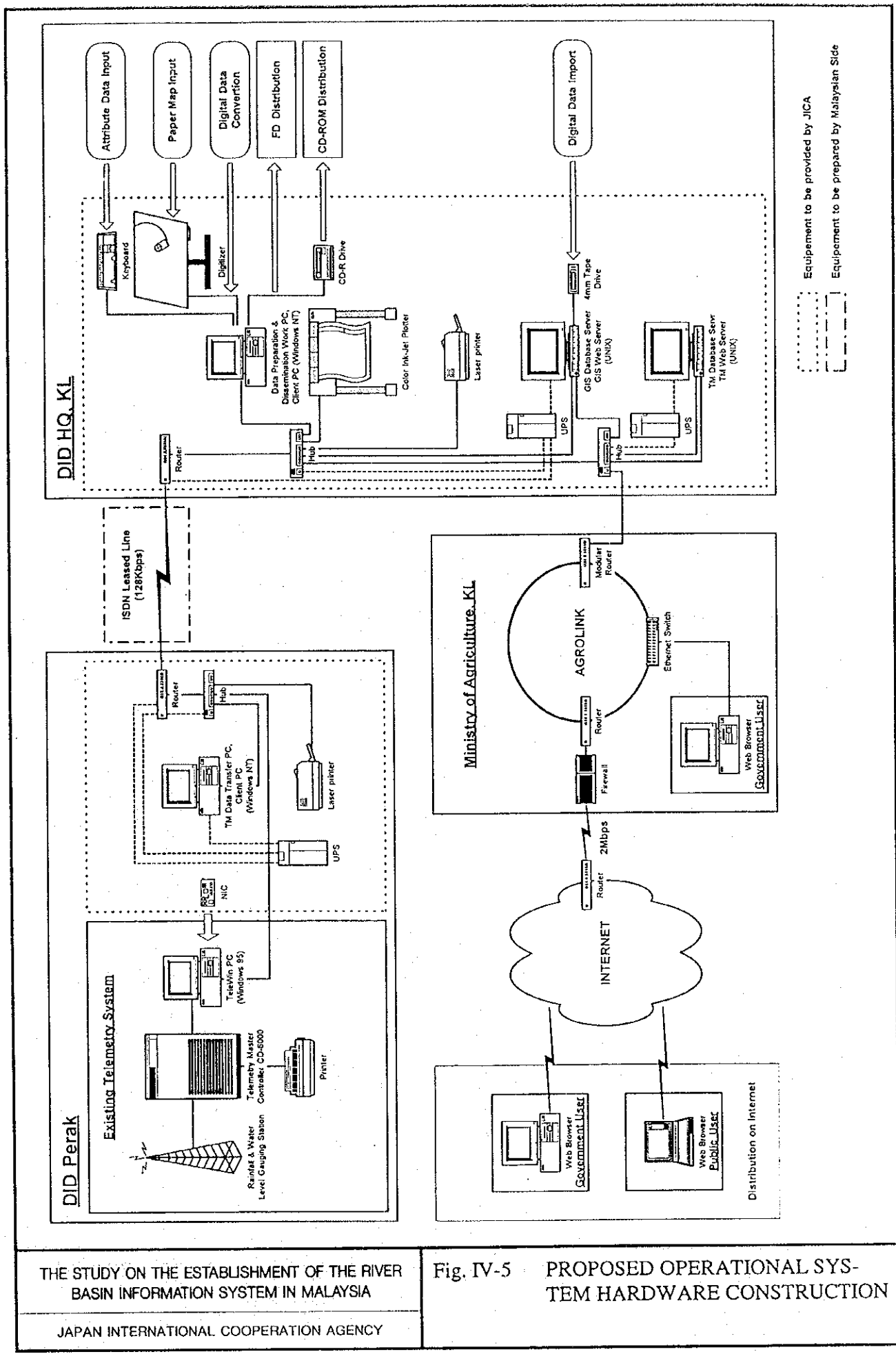
PROPOSED RIVER BASIN INFORMATION SYSTEM (MASTER PLAN)



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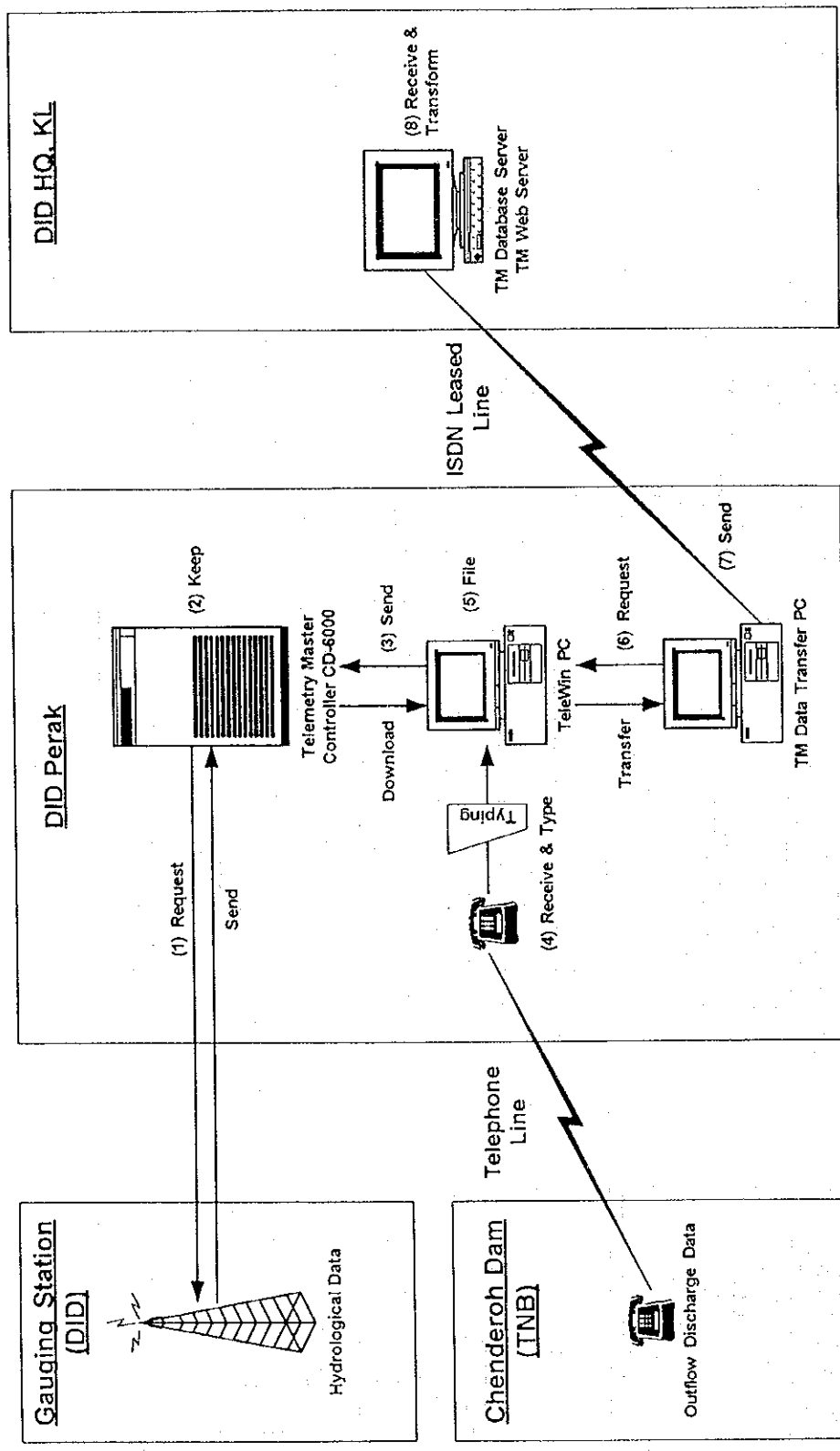
Fig. IV-4 INFORMATION FLOW DIAGRAM



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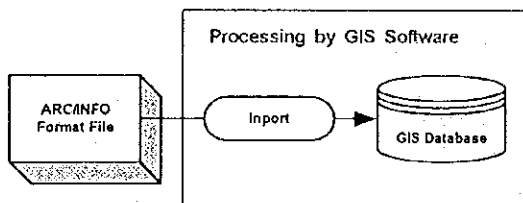
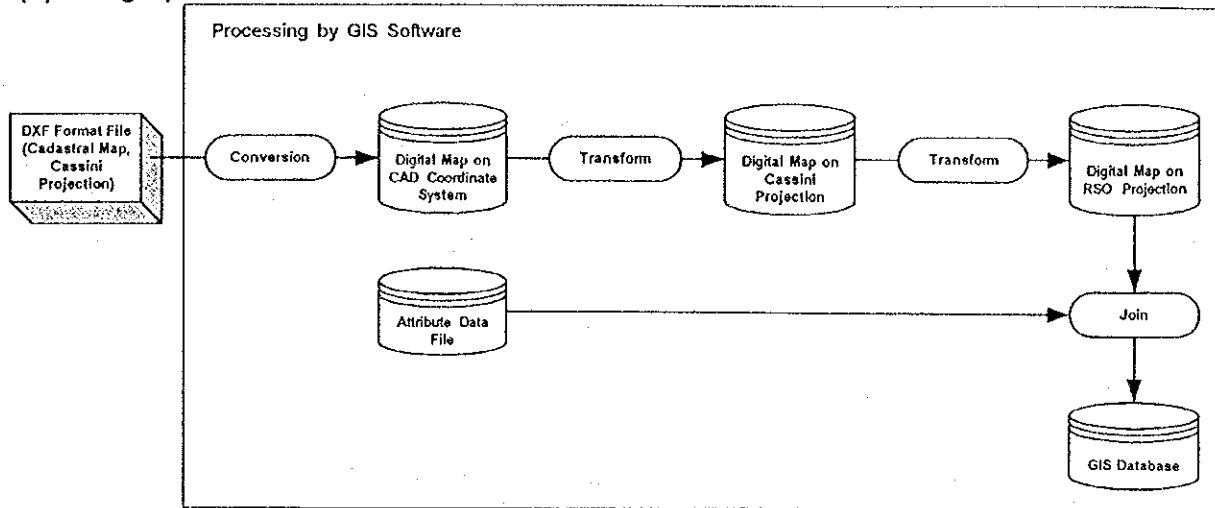
Fig. IV-5 PROPOSED OPERATIONAL SYSTEM HARDWARE CONSTRUCTION



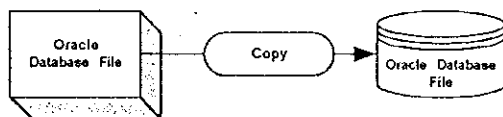
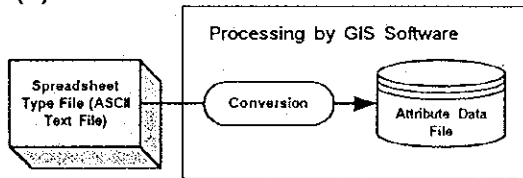
- (1) Request to send the data every hour
- (2) Keep the collected data on the memory
- (3) Request to download the data every hour
- (4) Receive dam outflow discharge data and type
- (5) Make a file to transfer
- (6) Request to transfer file every hour
- (7) Send a file through ISDN leased line
- (8) Receive a file and transform HTML format to disseminate for the user through Internet

Fig. IV-6 REAL-TIME DATA COLLECTION PROCEDURE

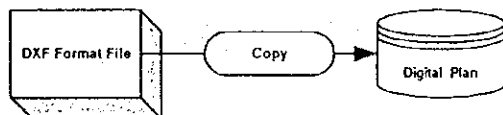
(1) Geographic Data



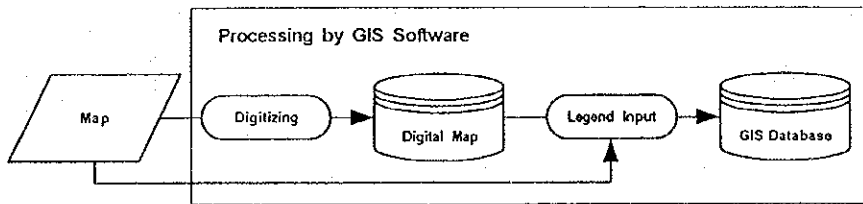
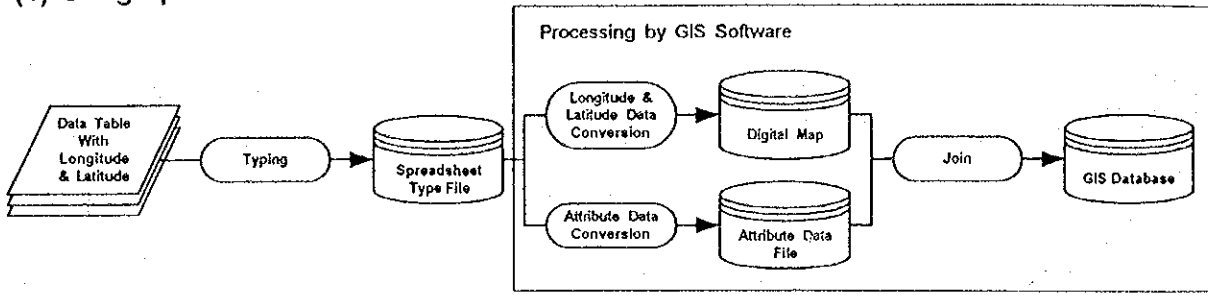
(2) Attribute Data



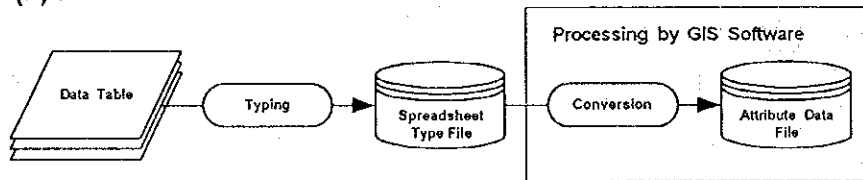
(3) Plan



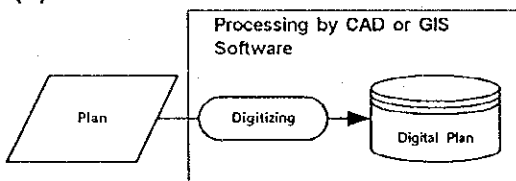
(1) Geographic Data



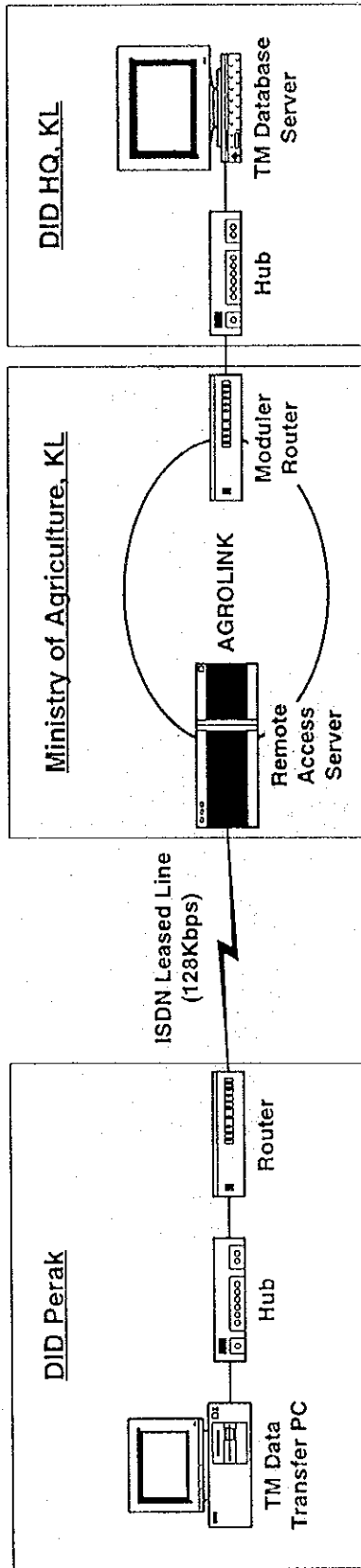
(2) Attribute Data



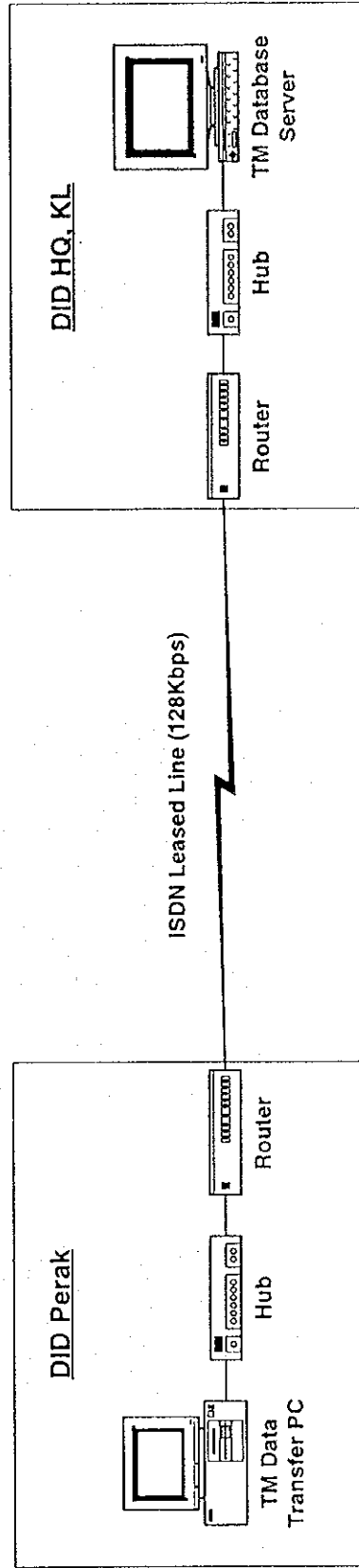
(3) Plan

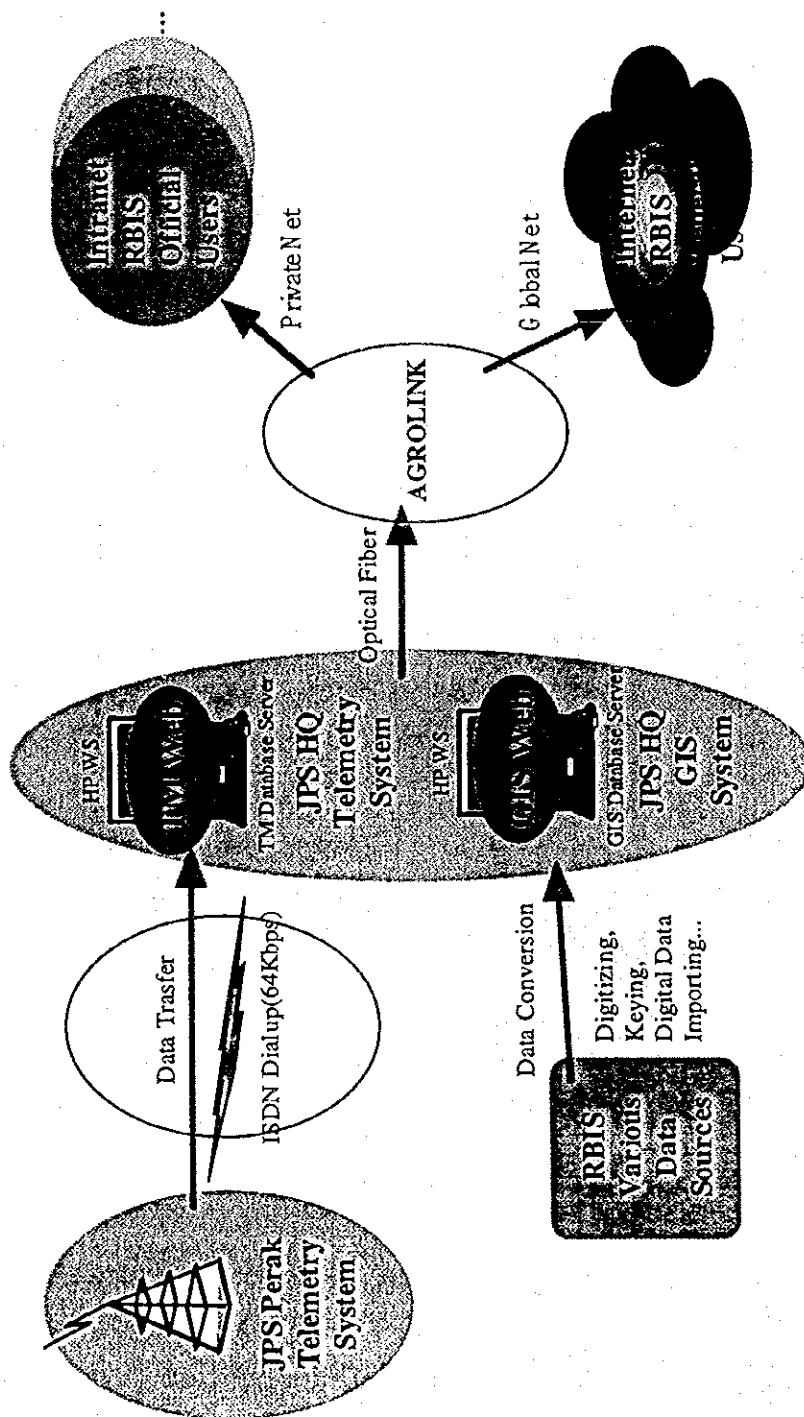


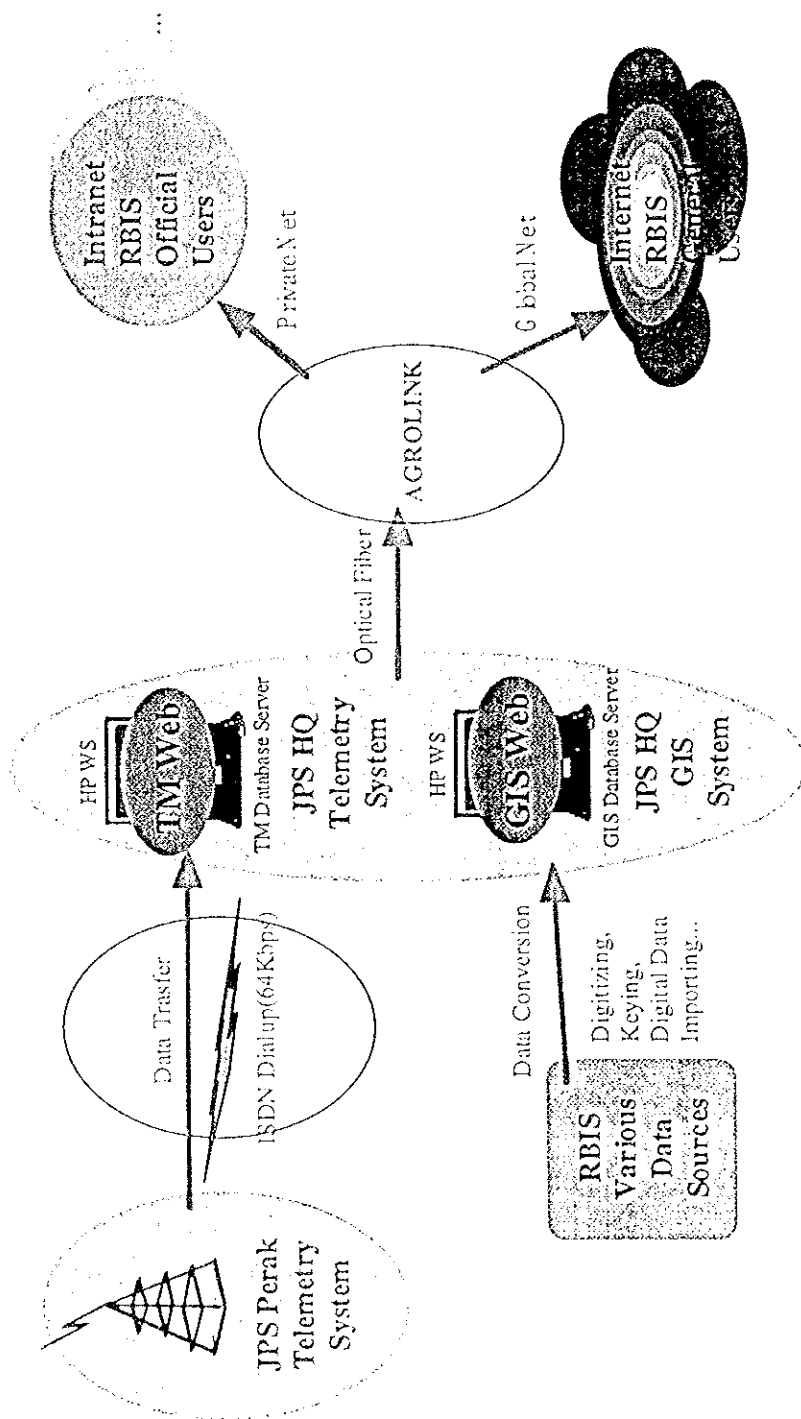
Alternative Data Transmission Plan - 1



Alternative Data Transmission Plan - 2







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Fig. IV-10 OPERATIONAL SYSTEM CON-
FIGURATION

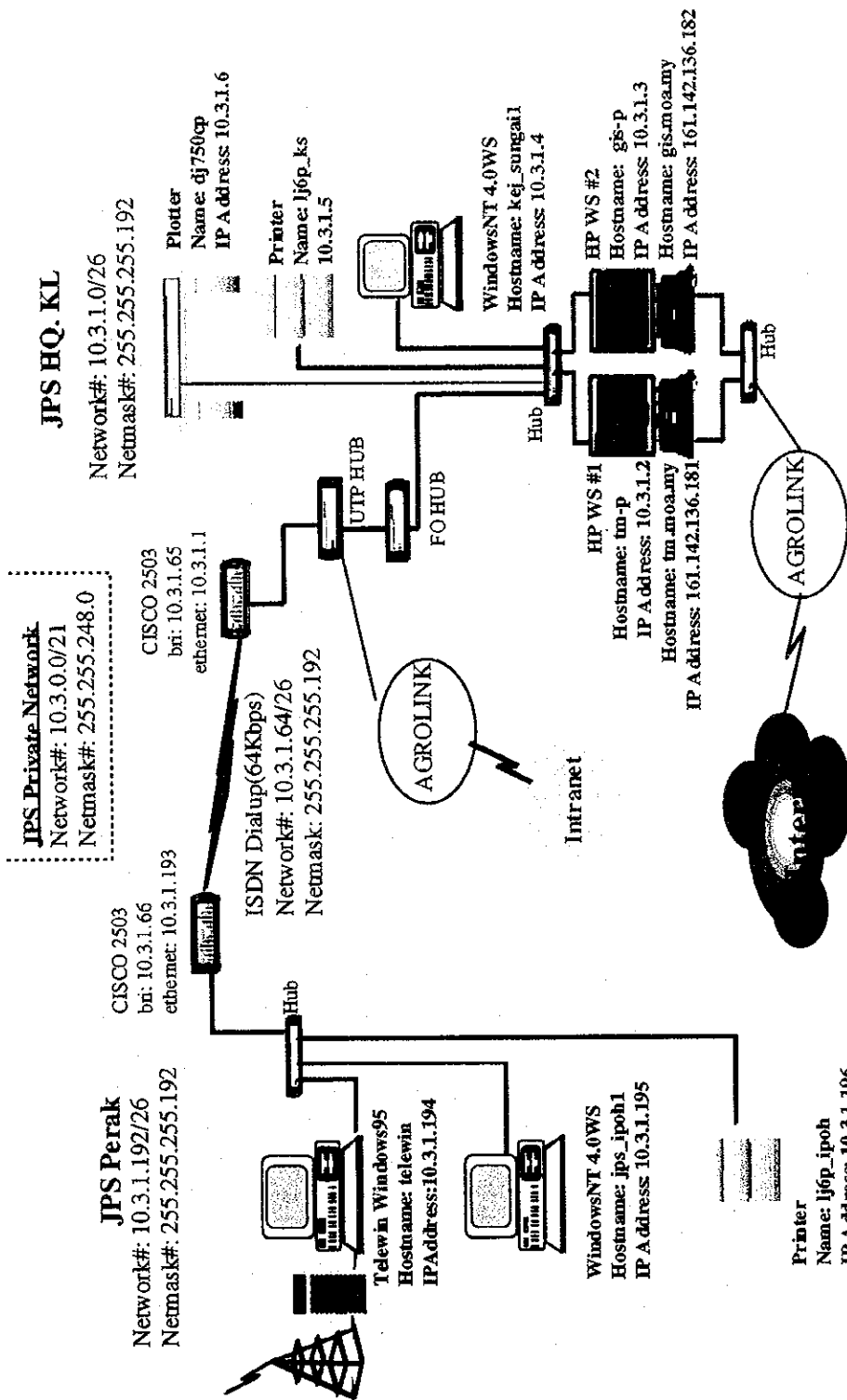
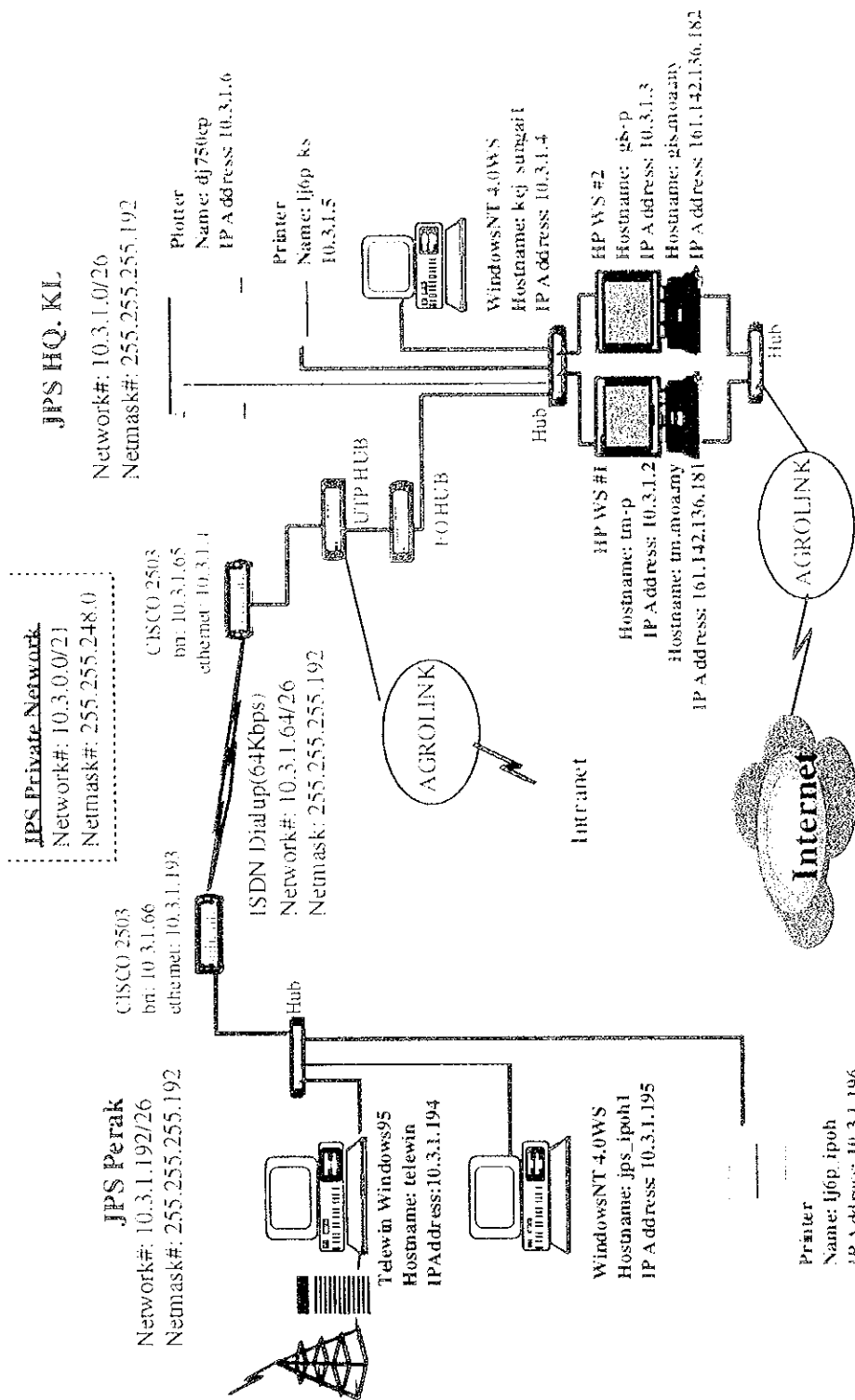


Fig. IV-11 OPERATIONAL SYSTEM NETWORK IP ADDRESS ASSIGNMENT

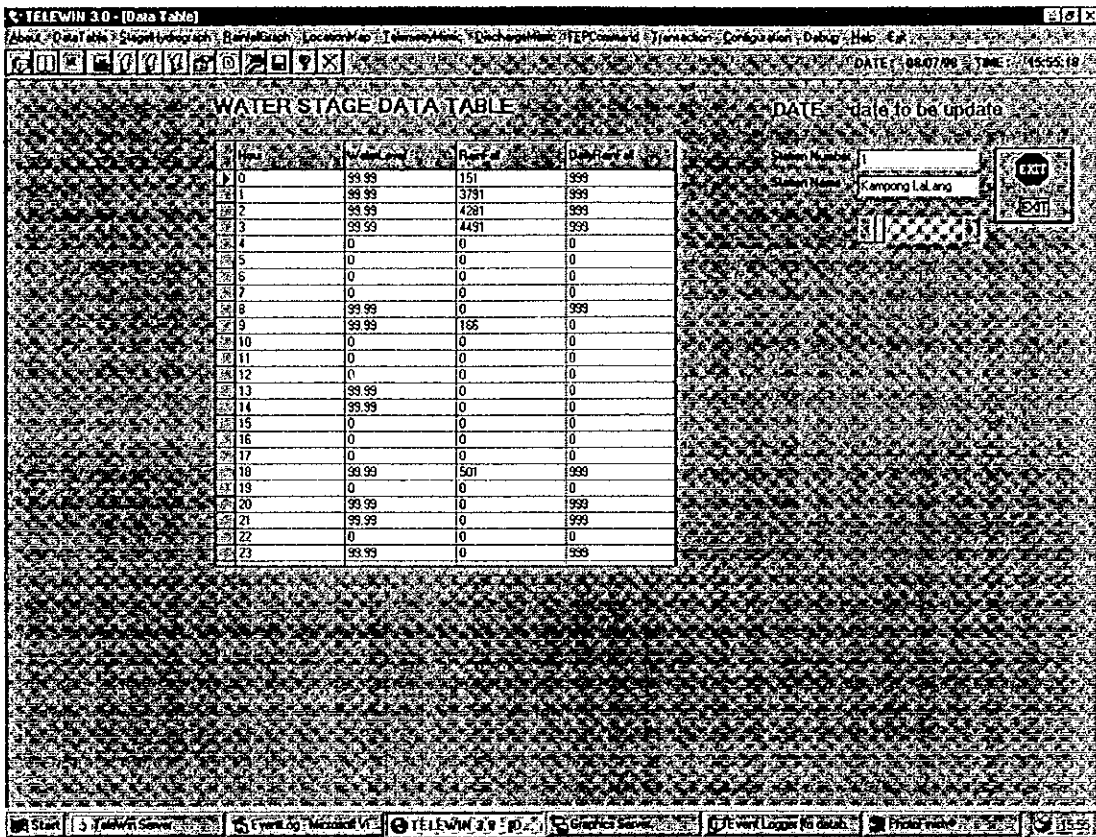


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Fig. IV-11 OPERATIONAL SYSTEM NET-
 WORK IP ADDRESS ASSIGNMENT

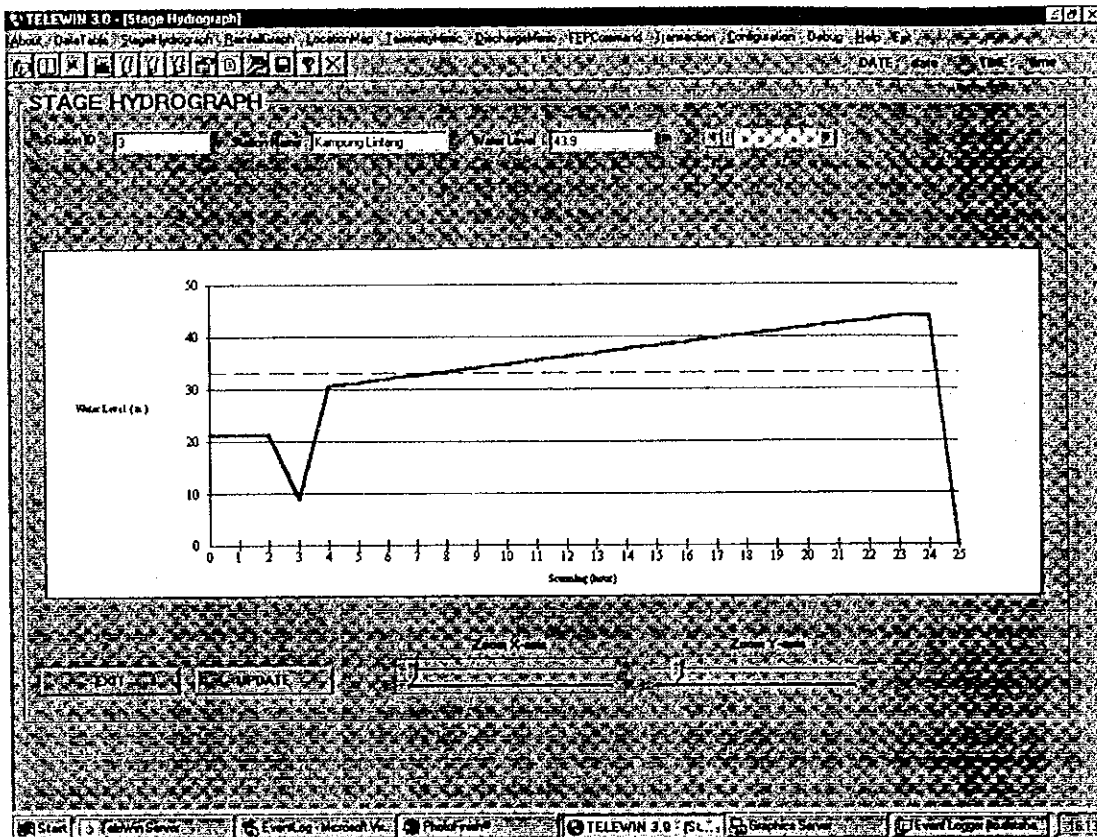




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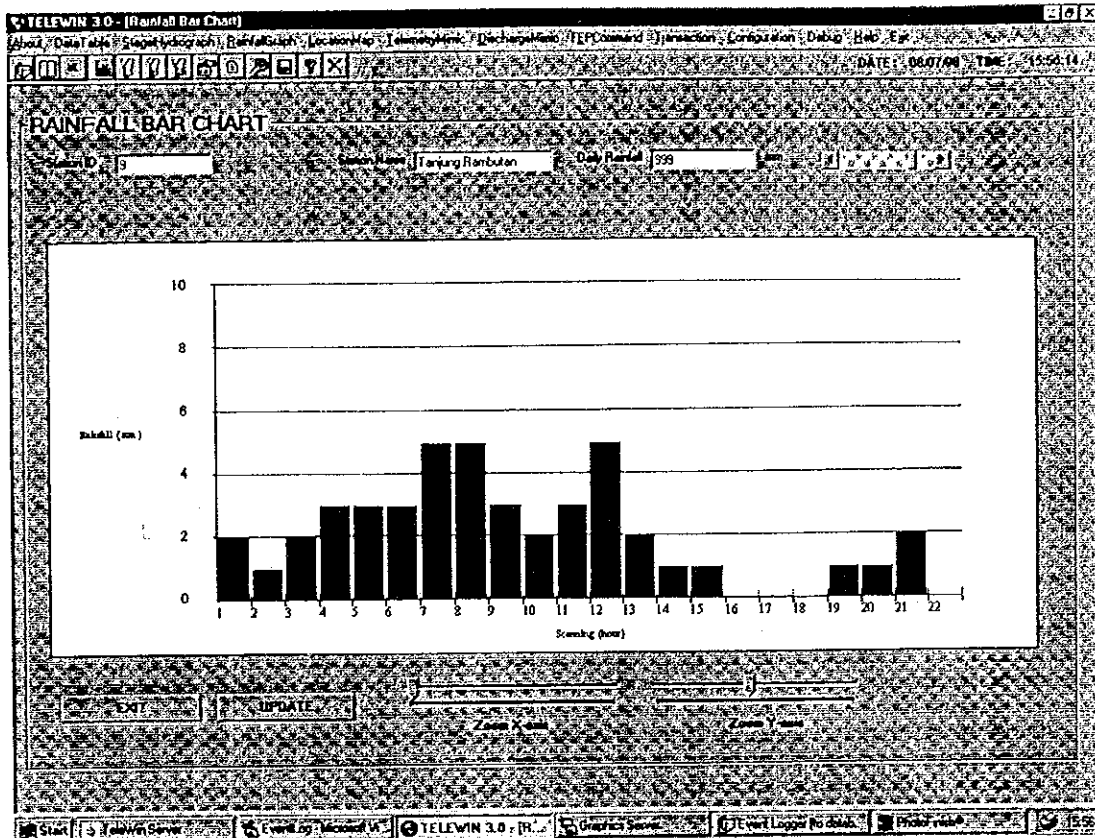
Fig. IV-12 TELEMETRY DATA TABLE WIN-
DOW IMAGE OF TELEWIN APPLI-
CATION



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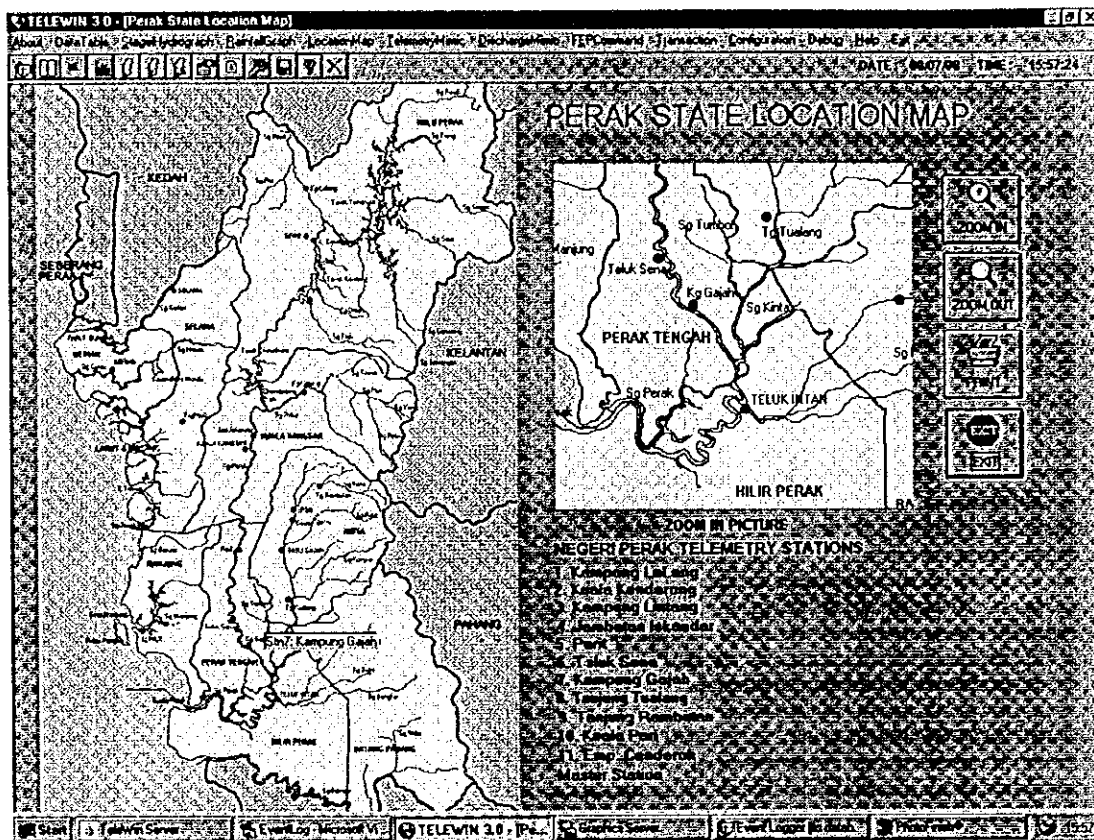
Fig. IV-13 WATER LEVEL LINE GRAPH WIN-
DOW IMAGE OF TELEWIN APPLI-
CATION



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BASIN INFORMATION SYSTEM IN MALAYSIA

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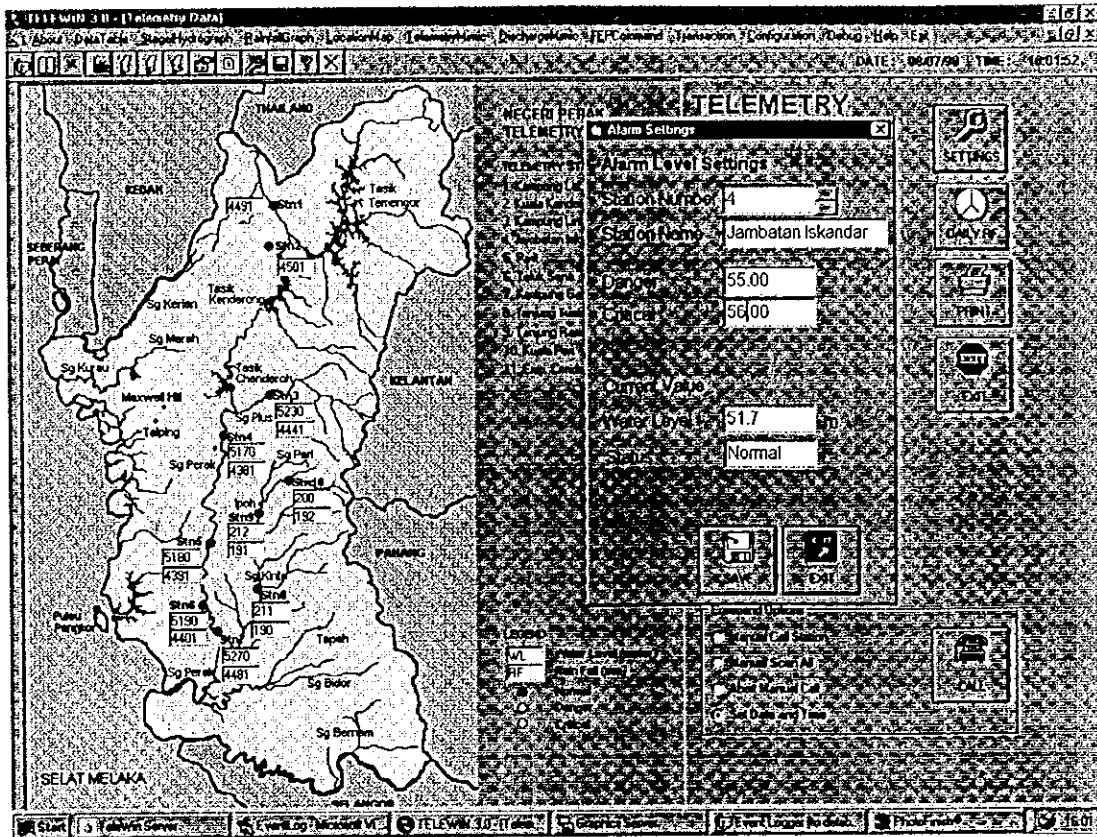
Fig. IV-14 RAINFALL BAR GRAPH WINDOW
IMAGE OF TELEWIN APPLICATION



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BASIN INFORMATION SYSTEM IN MALAYSIA

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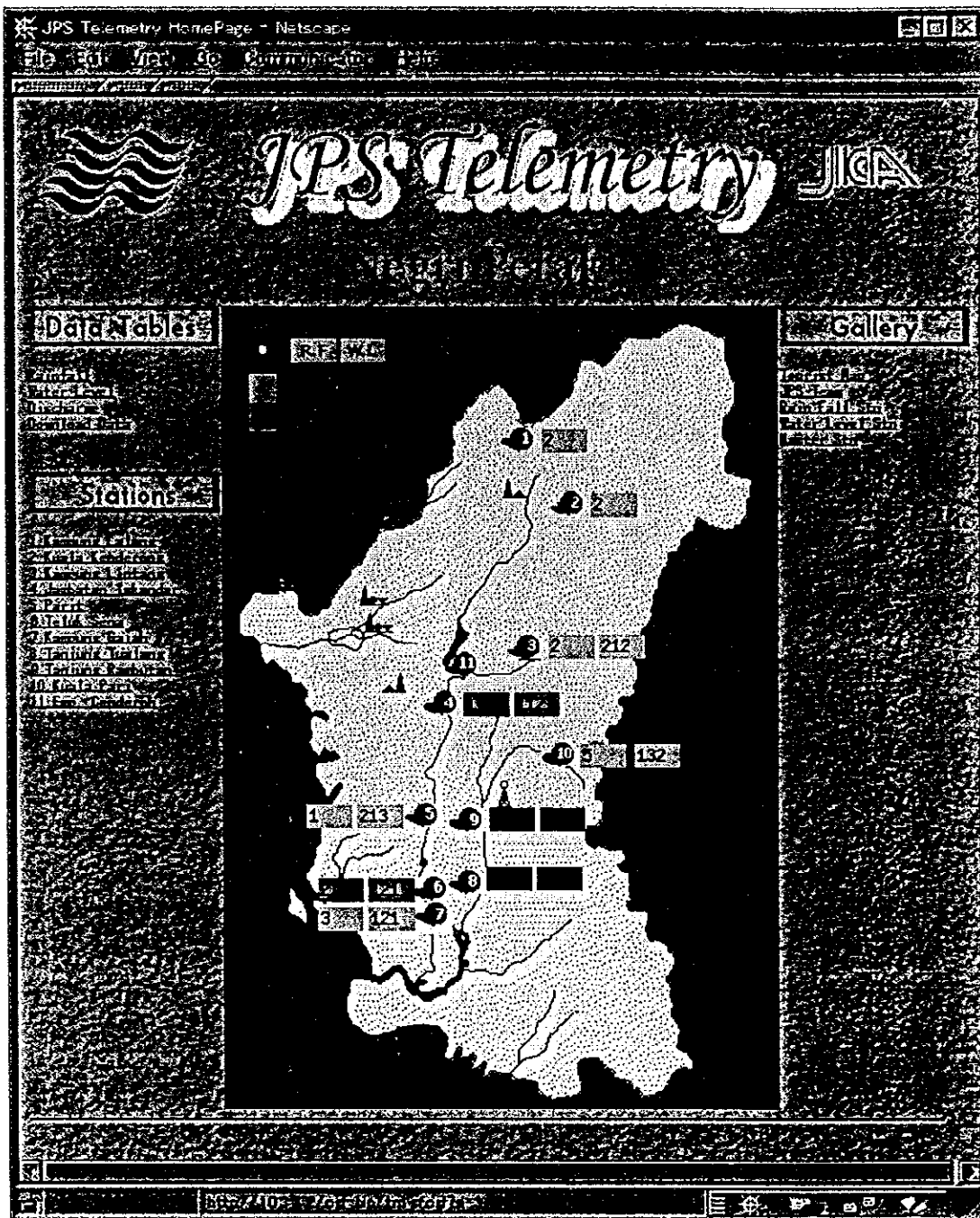
Fig. IV-15 STATION LOCATION MAP WIN-DOW IMAGE OF TELEWIN APPLI-CATION



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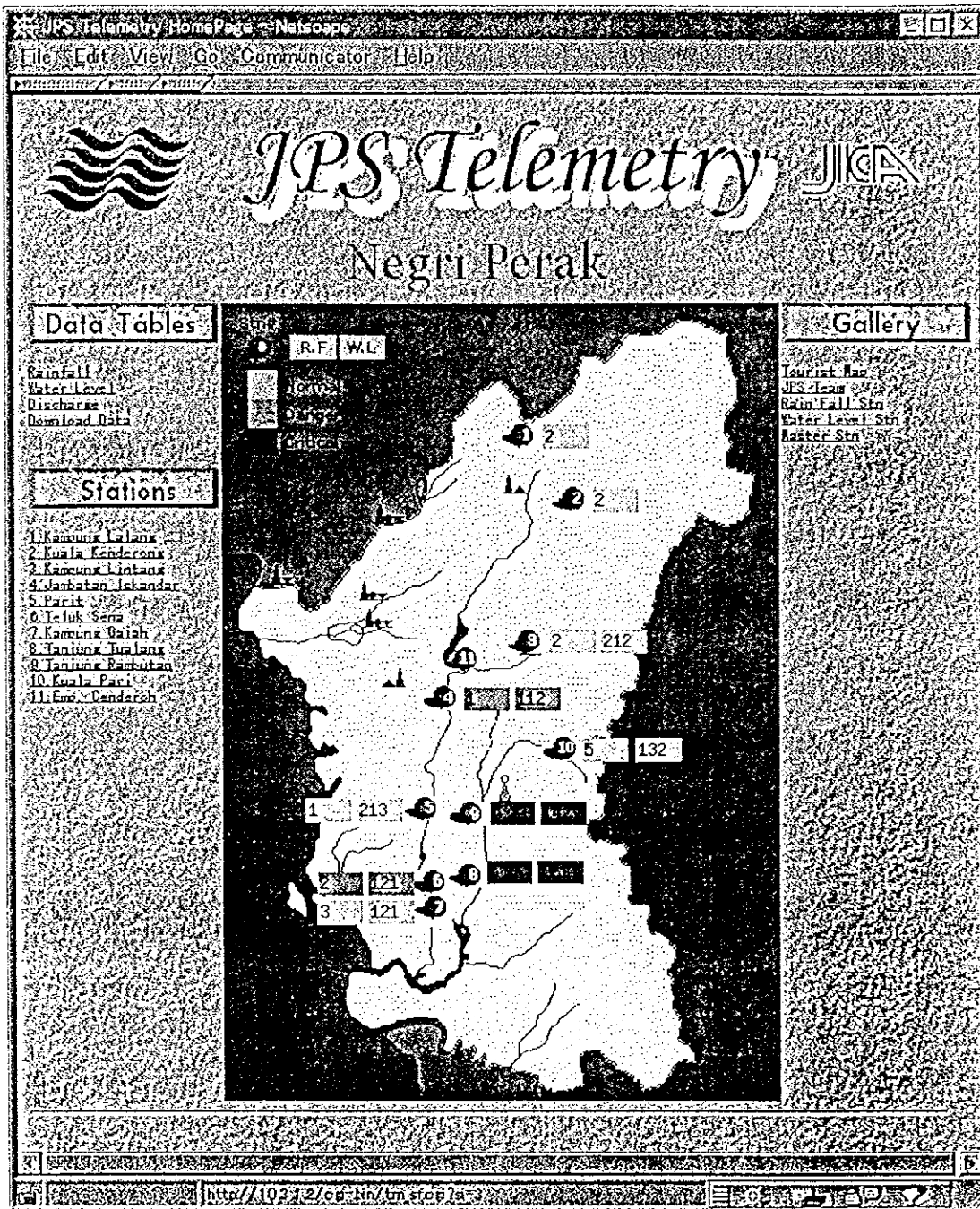
Fig. IV-16 ALARM WATER LEVEL SETTING
WINDOW IMAGE OF TELEWIN AP-
PLICATION



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Fig. IV-17 TELEWIN WEB APPLICATION
MAIN HOMEPAGE



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Fig. IV-17 TELEWIN WEB APPLICATION
MAIN HOMEPAGE

Rain Fall Data Table - Netscape

Rain Fall Data Table (mm)

IR: 1005

Stn 1: Kuching, Sarawak
 Stn 2: Kuching, Sarawak
 Stn 3: Kuching, Sarawak
 Stn 4: Kuching, Sarawak
 Stn 5: Kuching, Sarawak
 Stn 6: Kuching, Sarawak
 Stn 7: Kuching, Sarawak
 Stn 8: Kuching, Sarawak
 Stn 9: Kuching, Sarawak
 Stn 10: Kuching, Sarawak

DATE	IR	Stn 1	Stn 2	Stn 3	Stn 4	Stn 5	Stn 6	Stn 7	Stn 8	Stn 9	Stn 10
1	2	1	1	1	2	1	1	3	1	3	2
2	2	2	2	2	2	1	2	3	1	1	2
3	2	2	2	1	2	1	1	2	1	1	2
4	1	1	2	2	1	2	1	1	1	0	2
5	2	2	0	0	1	2	2	3	2	3	5
6	2	2	0	0	1	2	2	3	1	2	5
7	2	2	0	0	1	2	2	3	1	2	2
8	2	2	0	0	2	2	2	3	3	3	2
9	2	2	0	0	2	2	2	0	0	0	10
10	2	1	1	1	1	2	2	3	3	3	3
11	2	2	2	0	0	1	1	3	0	0	3
12	2	1	1	1	0	2	1	3	3	3	3
13	2	2	2	0	0	3	3	2	2	2	2
14	2	2	2	0	1	2	3	3	3	3	5
15	2	0	0	0	0	2	3	3	3	3	3
16	0	2	3	0	0	2	3	1	1	1	15
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19	2	1	1	0	0	2	3	3	3	3	5
20	2	2	0	2	0	2	1	2	1	1	5
21	2	1	1	0	0	2	2	3	1	1	1
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DATE

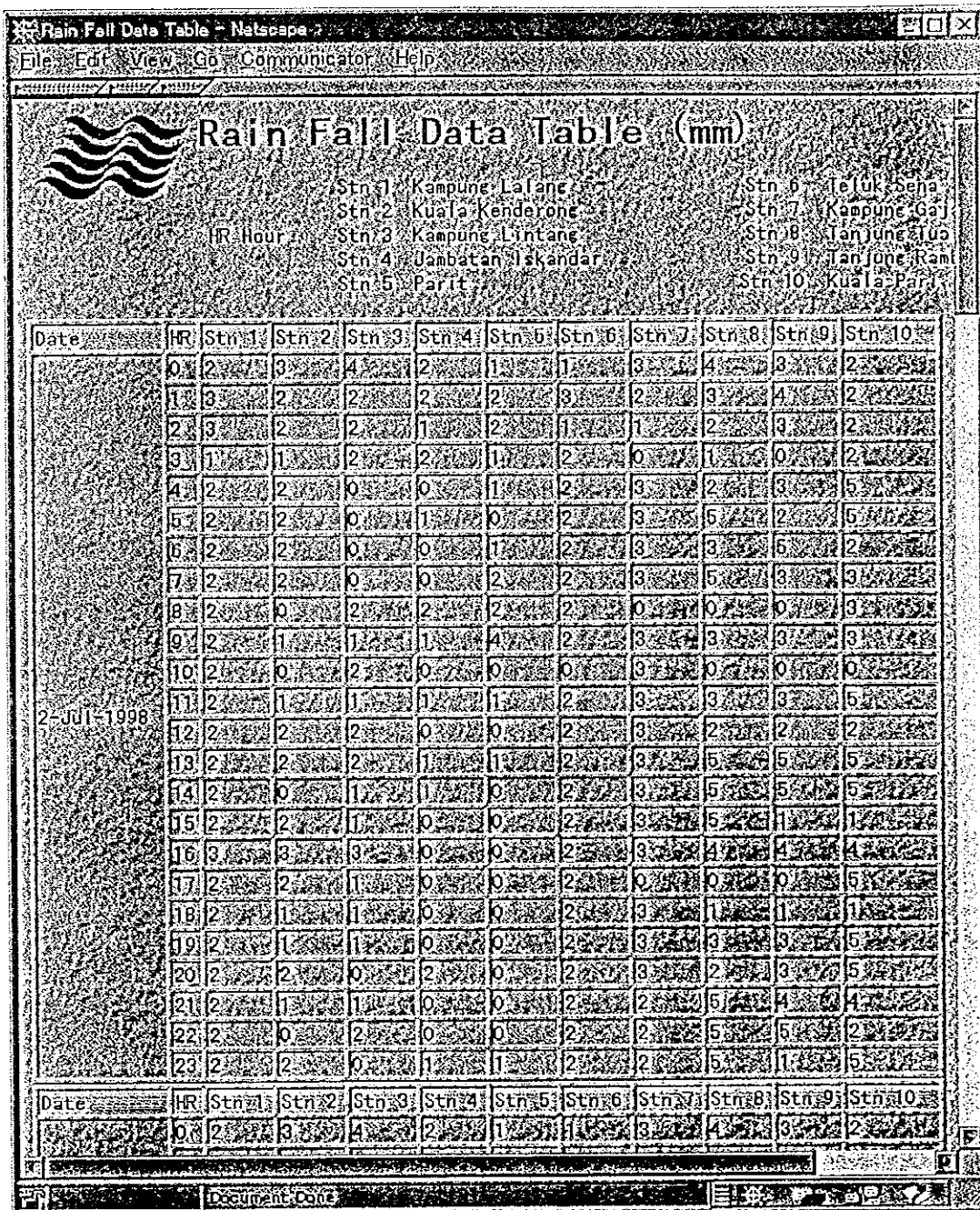
IR: 1005

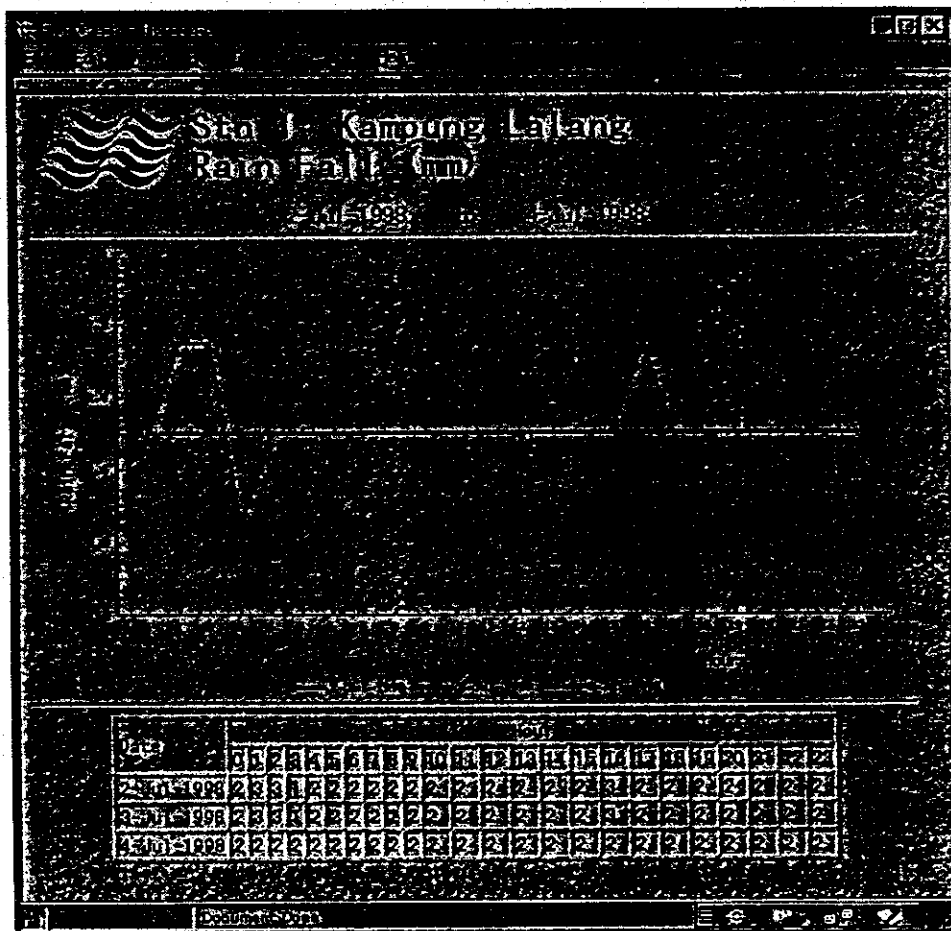
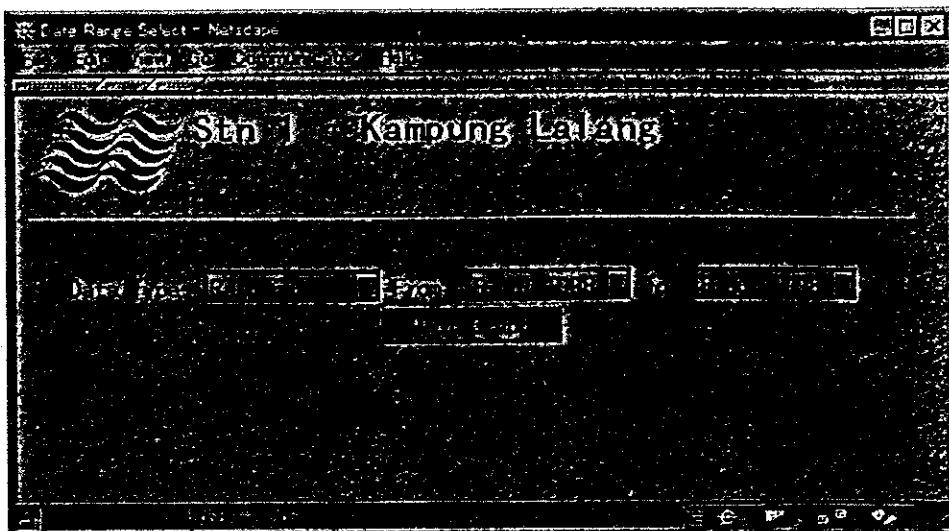
Stn 1 Stn 2 Stn 3 Stn 4 Stn 5 Stn 6 Stn 7 Stn 8 Stn 9 Stn 10

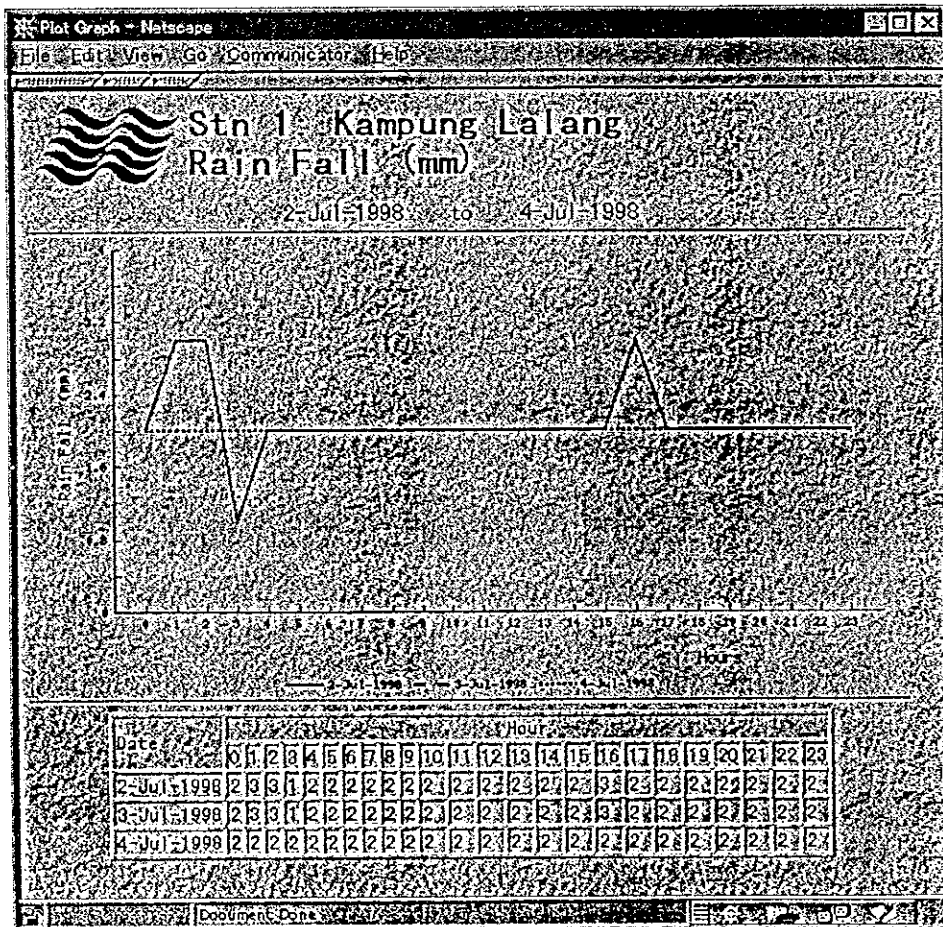
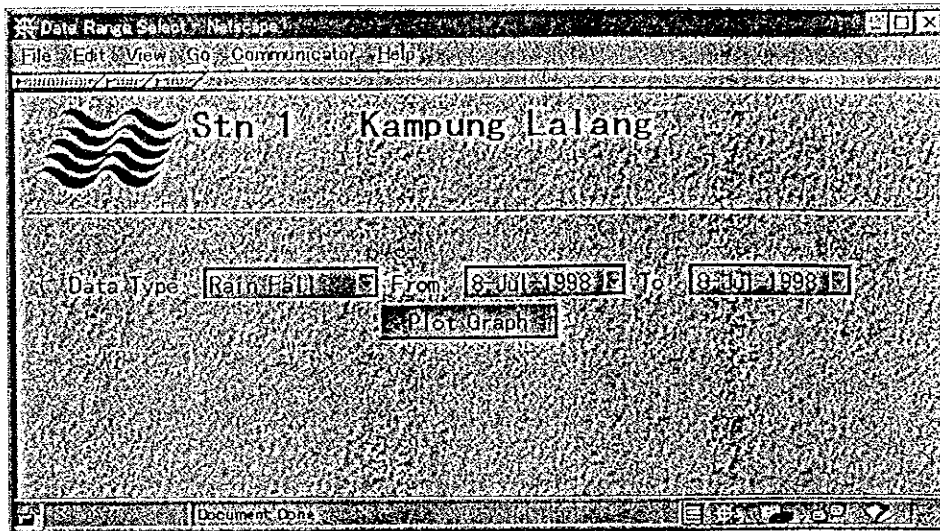
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Fig. IV-18 TELEMETRY DATA TABLE HOME-PAGE OF TELEWIN WEB APPLICATION







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Fig. IV-19 TELEMETRY LINE GRAPH HOME-PAGE OF TELEWIN WEB APPLICATION