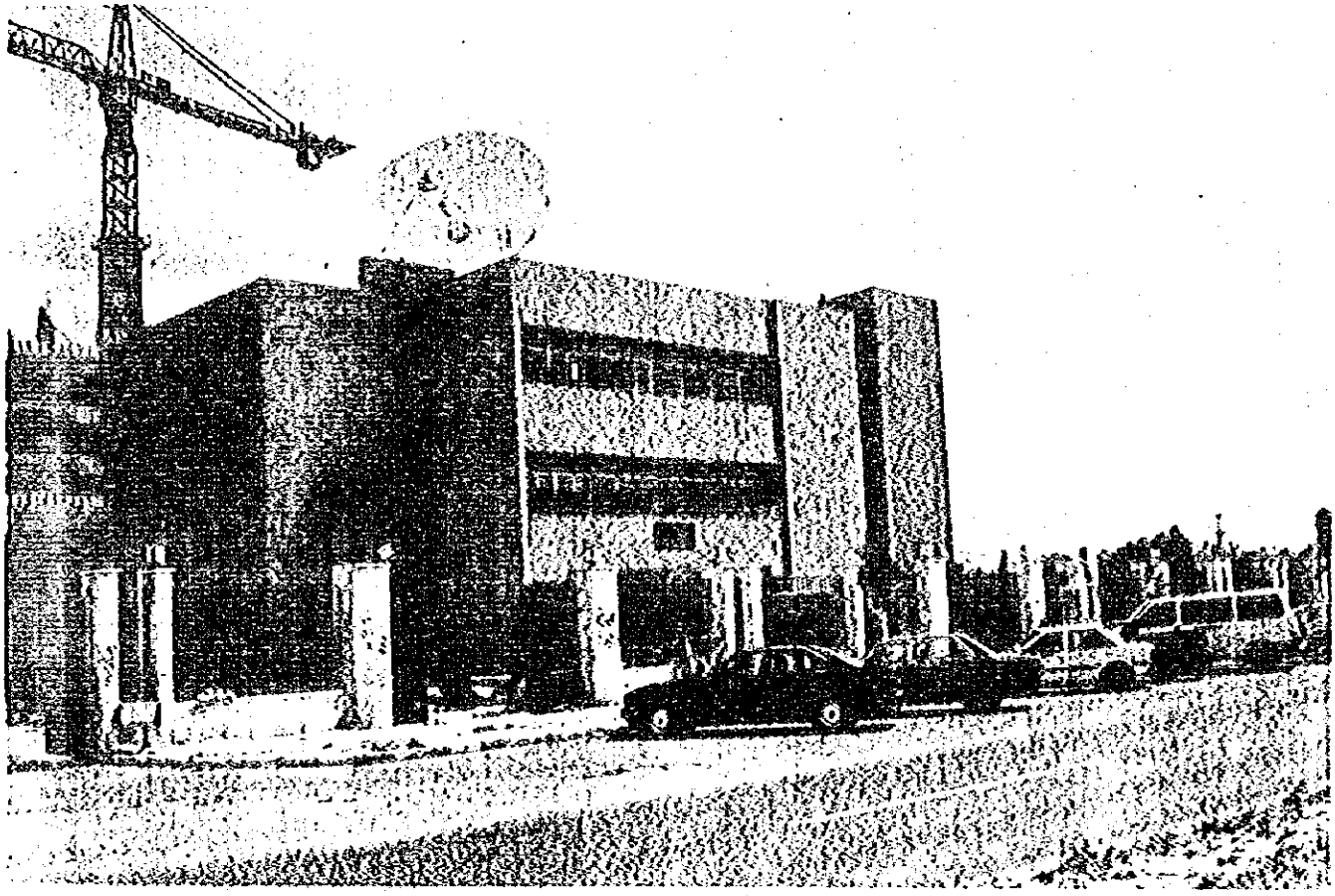
أضواء على الخطة الخمسية الثامنة

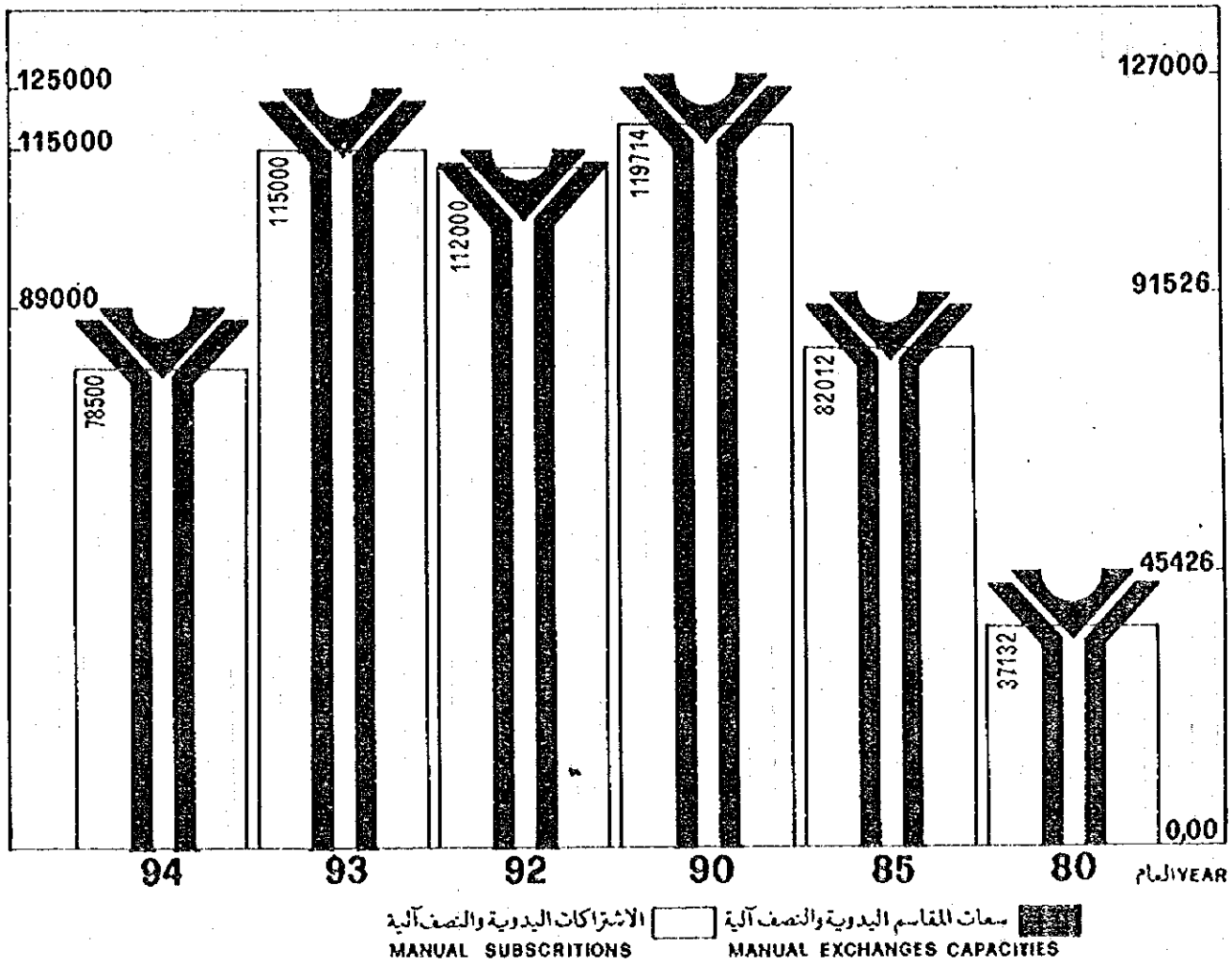
تهدف الخطة الخمسية الثامنة الى استكمال ادخال الخدمة الهاتفية الآلية للمدن والمراكز والتجمعات السكنية التي يزيد عدد سكانها عن (٤٠٠٠) نسمة وكافة مراكز النواحي وكذلك الفعاليات الاقتصادية والسياحية والزراعية ورفع الكثافة الهاتفية المتوسطة في القطر والتوسع بالخدمة الآلية أفقياً وشاقولياً ومواجهة الطلب المتزايد واستندت الخطة في اعدادها على الأسس التالية:

ILLUMINATION ON THE EIGHT FIVE YEARS PLAN 1996 - 2000

THE EIGHT FIVE YEARS PLAN PURPOSE IS TO CONTINUE INTRODUCING AUTOMATIC TELEPHONE SERVICE TO ALL CITIES, CENTERS AND RESIDENTIAL PLACE WITH INHABITANTS MORE THAN /4000/ INHABITANTS AND DISTRICT AREAS AND TO ALL ECONOMICAL, TOURISTIC AND AGRICULTURAL ACTIVITIES, THE PLAN ALSO AIMS TO EXCEED THE TELEPHONE DENSITY IN THE REGION AND DOWN AND ACROSS EXETENSION OF TELECOMMUNICATION TO FACE THE INCREASING TELEPHONE DEMAND.

THE PLAN IS BASED ON THE FOLLOWING BASES:




125000
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127000
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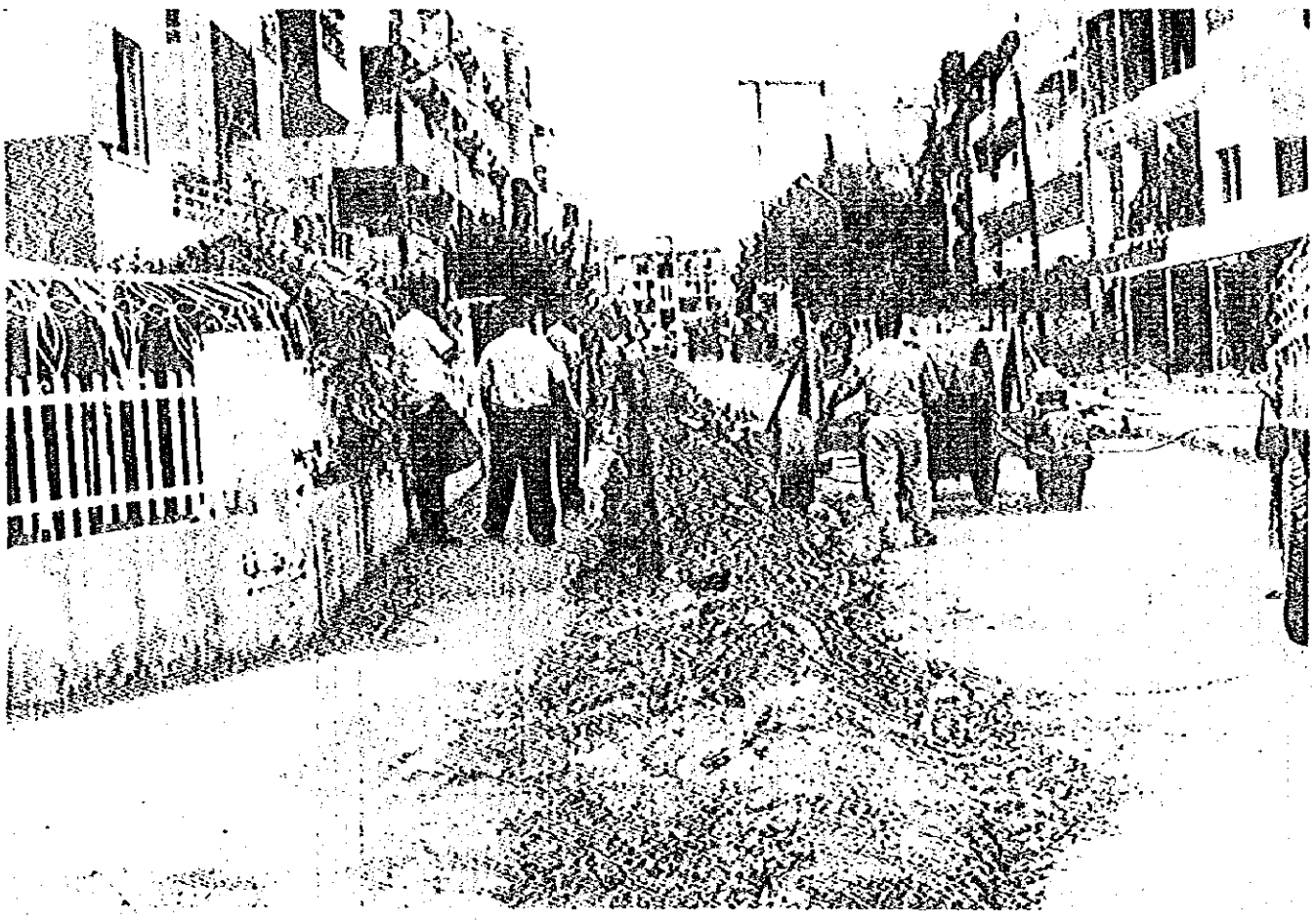
90
85
80
YEAR العام
الاشتراكات اليدوية والنصف آلية
MANUAL SUBSCRITIONS
سعات المقاسم اليدوية والنصف آلية
MANUAL EXCHANGES CAPACITIES



- احداث مركز هاتفي آلي في كل بلدة يزيد عدد سكانها عن (٤٠٠٠) نسمة.

- احداث مركز هاتفي آلي في كل مركز يدوي يزيد عدد مشتركيه عن (٣٠٠) اشتراك.

- احداث مركز هاتفي آلي في كل المراكز الحدودية ومناطق الاصطياف والسياحة والمناطق ذات الفعاليات الاقتصادية (زراعية - صناعية - تجارية).

وتتضمن الخطة مرحلتين:

تنفيذ الـ ٢٥٠ ألف رقم هاتفي في ريف القطر وسيؤمن الخدمة الهاتفية في (٢٠٨) مركز ريفي وهو حالياً قيد الدراسة الفنية للعروض المقدمة من الشركات وستؤمن المؤسسة تمويله كاملاً من فائض حسابها.

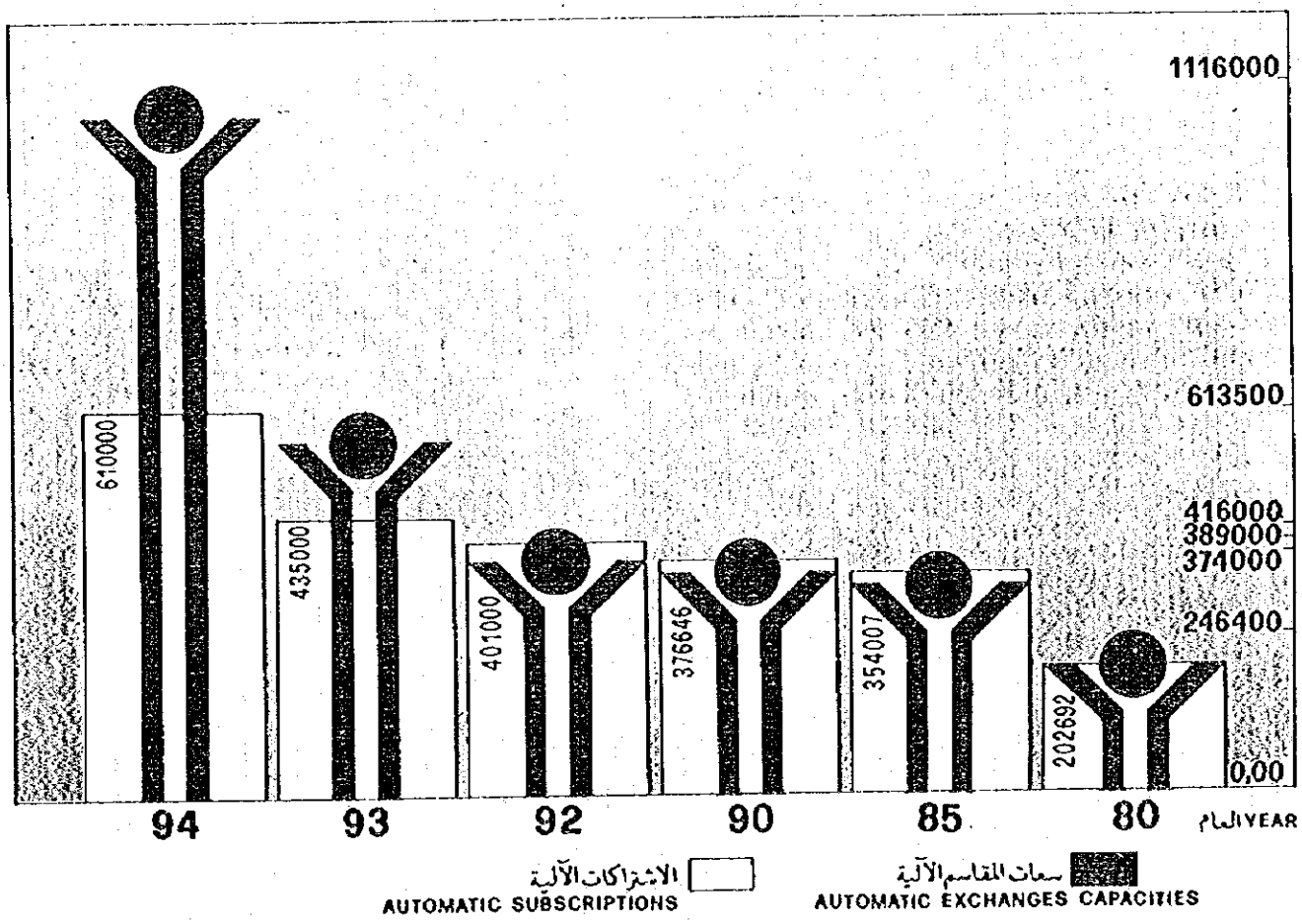
- ESTABLISH AN AUTOMATIC TELEPHONE CENTER IN EVERY TOWN OF MORE THAN /4000/ INHABITANTS.

- ESTABLISH AN ATUOMATIC TELEPHONE CENTER IN THE LIMITED CENTER AND TOURISTIC AREAS AND AREAS OF ECONOMICAL ACTIVITIES.

THE PLAN CONSISTS OF TWO STAGES:

THIS STAGE INCLUDES THE EXECUTION OF /250/ THOUSAND TELEPHONE NUMBERS IN RURAL AREAS OF THE REGION AND INTRODUCING TELEPHONE SERVICE TO /208/ RURAL CENTERS, THIS PROJECT IS UNDER THE TECHNICAL STUDY OF THE BIDS OFFERED BY MANY COMPANIES AND THE S.T.E WILL FINANCE IT FROM ITS SURPLUS ACCOUNT.

THIS STAGE INCLUDES THE PROJECT OF EX-


1116000
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90
85
80
YEAR السنة
الاشتراكات الآلية
AUTOMATIC SUBSCRIPTIONS
سعات المقاسم الآلية
AUTOMATIC EXCHANGES CAPACITIES

المرحلة الثانية:

ويتضمن مشروع مقاسم بسعة اجمالية مقدارها (١,٥) مليون رقم هاتفي مع مستلزماته من أبنية وتجهيزات وكبلات للاتصالات الخارجية والدولية وتقوم المؤسسة باعداد الدراسات والتحضيرات اللازمة لها. علماً أن قسماً من هذه الخطة يمكن أن يتم تصنيعه وتجميعه لدى شركة سيركوتيل بحدود (٢٠٠ ـ ٣٠٠) ألف رقم اضافة الى ما سيتم تصنيعه وتجميعه لدى الشركة المذكورة من مشروع الـ (٢٥٠) ألف رقم (المرحلة الأولى) من هذه الخطة بالنسبة للمقاسم سعة (١٠٠٠ ـ ٣٠٠٠) رقم.

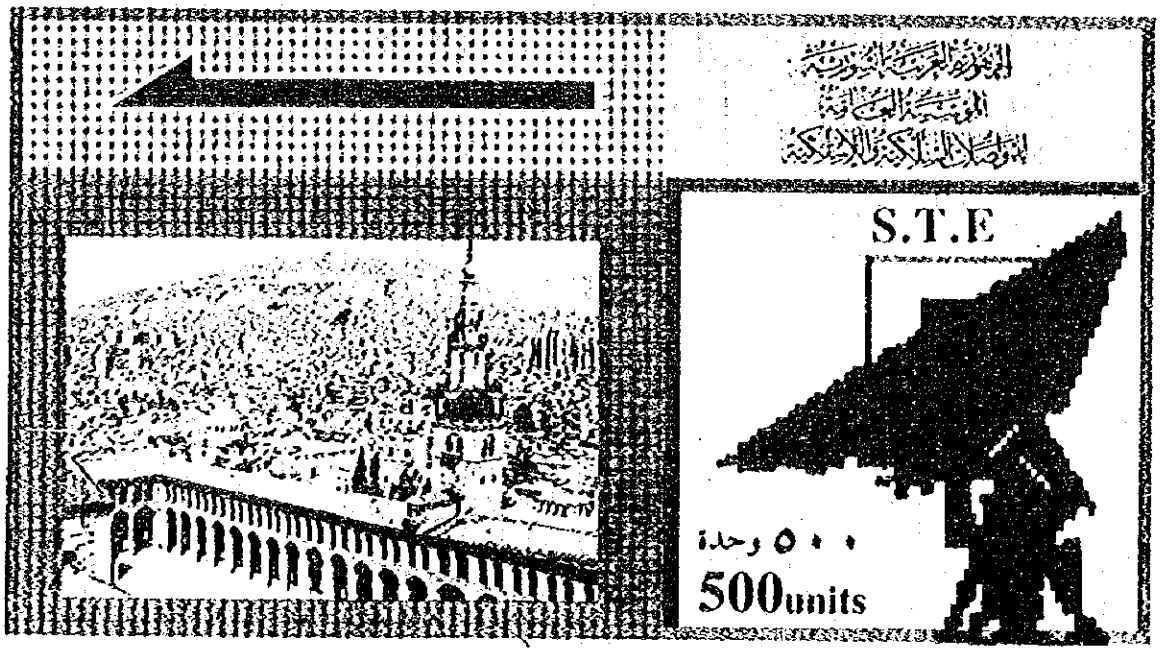
ومن خلال الواقع الراهن لشبكة الاتصالات في القطر والتي ستبلغ سعتها من الأرقام بحدود (١,٤) مليون رقم هاتفي مع نهاية عام ١٩٩٥ حيث تنفذ المؤسسة حالياً مشروع ٢٥٪ من العقد الأساسي (٧٠٠) ألف رقم هاتفي

CHANGES WITH TOTAL CAPACITY ABOUT /1.5/ MILLION TELEPHONE NUMBERS WITH ALL ITS REQUIREMENTS.

NOW THE S.T.E IS PREPARING ALL THE NECESSARY STUDIES AND PREPARATIONS FOR THE PROJECT. TAKING INTO CONSIDERATION THAT PART OF THE PLAN MAY BE MANUFACTRED AND COLLECTED BY SYRCOTEL FOR ABOUT /200 - 300 THOUSAND NUMBERS IN ADDITION TO WHAT WILL BY MANUFACTURED BY THE SAME COMPANY FOR THE PROJECT OF /250/ THOUSAND NUMBERS (MENTIONED IN THE FIRST STAGE) OF THIS PLAN FOR THE EXCHANGES OF THE CAPACITY /1000-3000/ NUMBERS.

THE CAPACITY OF THE EXISTING TELECOMMUNIC- ATIONS NETWORK WILL REACH ABOUT /1.4/ MILLION TELEPHONE NUMBERS AT THE END OF 1995, SINCE THE S.T.E IS EXECUTING NOW 25% OF THE MAIN CONTRACT OF /700/ THOUSAND TELEPHONE NUMBERS. IF WE ADD /250/ THOUSAND RURAL NUMBERS ALL OVER THE REGION (THE FIRST STAGE) AND /1.5/ MILLION NUMBERS SO

0 1 5 10 50 100 200 300 500



وإذا أضفنا اليها (٢٥٠) ألف رقم في ريف القطر (المرحلة الأولى) مضافاً اليها أيضاً (١,٥) مليون رقم لتصل السعة الاجمالية الى (٣,١٥٠) مليون رقم مع نهاية الخطة الثامنة في عام الـ(٢٠٠٠) وستبلغ الكثافة الهاتفية العامة في القطر ١٩٪ ويلبي مجموع الطلبات المقدمة من المواطنين لغاية عام ١٩٩٥ .

ويتضمن مشروع الخطة استبدال الـ (٨٢) ألف رقم آلي لمقاسم الـEMD القائمة حيث سيتم استبدال الـ(٥٧) ألف رقم في مدينة دمشق وبسعة (٢٥) ألف رقم في حلب بمقسمي خان الوزير والسليمانية.

كما تضمنت ابدال بحدود (٥٣) ألف رقم يدوي.

وبناء عليه ستتوسع الخدمة افقياً لتمتد الى معظم الأماكن الريفية والتجمعات السكنية في القطر حيث بلغ تزايد عدد المراكز الآلية في مشروع المليون رقم وما سبقه بحدود (١٧٠) مركزاً وسيصل في نهاية الخطة الثامنة الى ما يزيد عن (٥٧٠) مركزاً بالاستناد الى التكاليف الفعلية لمشروع المليون رقم هاتفي فقد قدرت التكاليف الاستثمارية لمشروع خطة الـ(١,٥) مليون رقم بـ(٥٠٠) مليون دولار أمريكي قطع أجنبي و(٦,١١٥) مليار ل.س.

نتيجة لذلك سينخفض عدد العاملين لكل ألف اشتراك هاتفي من (١٨,٥) عامل في بداية الخطة عام ١٩٩٦ الى (١٢) عامل في نهاية الخطة عام (٢٠٠٠). كما وبلغ عدد العاملين في نهاية عام ١٩٩٤ . (١٦٦٥٥) عاملاً ومن المتوقع أن يصل في نهاية الخطة الثامنة الى (٢١٦٠٠) عاملاً.

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THE TOTAL CAPACITY WILL REACH /3.150/ MILLION TELEPHONE NUMBERS AT THE END OF THE EIGHT PLAN IN THE YEAR 2000. THE GENERAL CAPACITY IN THE REGION WILL BE 19% WHICH WILL FACE ALL THE REQUESTS OF THE PEOPLE IN 1995.

THE PROJECT OF THE PLAN INCLUDES REPLACEMENT OF /82/ THOUSAND AUTOMATIC NUMBERS TO EMD EXCHANGS /57/ THOUSAND NUMBERS WILL BE REPLACED IN DAMASCUS AND /25/ THOUSAND NUMBERS IN ALEPPO IN KHAN AL-EAZER AND AL-SLIMANIAH. THE PROJECT ALSO INCLUDES REPLACEMENTS OF ABOUT /53/ THOUSAND MANUAL NUMBERS.

FROM THAT, WE CONCLUDE THAT TELEPHONE SERVICE WILL BE EXTENDED UP TO REACH MOST OF THE RURAL AREAS IN THE REGION AND THE AUTOMATIC CENTERS WILL INCREASE FOR ABOUT /170/ CENTERS AND WILL REACH AT THE END OF THE EIGHT PLAN AB ABOUT /570/ CENTERS.

TAKING INTO CONSIDERATION THE ACTUAL COST OF THE PROJECT OF ONE MILLION TELEPHONE NUMBERS. THE INVESTMENT COST FOR THE PROJECT OF THE PLAN THAT IS /1.5/ MILLION TELEPHONE NUMBERS IS ABOUT /500/ MILLION U$ AND /6.115/ MILIAR SYRIAN POUNDS.

AS ARESULT NUMBER OF EMPLOYEE FOR EVERY THOUSAND TELEPHONE SUB SCRIBERS WILL DECREECE FROM /18.5/ EMPLOYE AT THE BEGINING OF THE PALIN 1996 TO BECAME /12/ EMPLOYEE AT THE END OF THE PLAN IN 2000. THE TOTAL NUMBER OF EMPLOYEE AT THE END OF 1994 REACHED /16655/ EMPLOYEE AND IT IS EXPECTED TO REACH /21600/ EMPLOYEE AT THE END OF THE EIGHT PLAN.

المشاريع الحديثة في الخطة

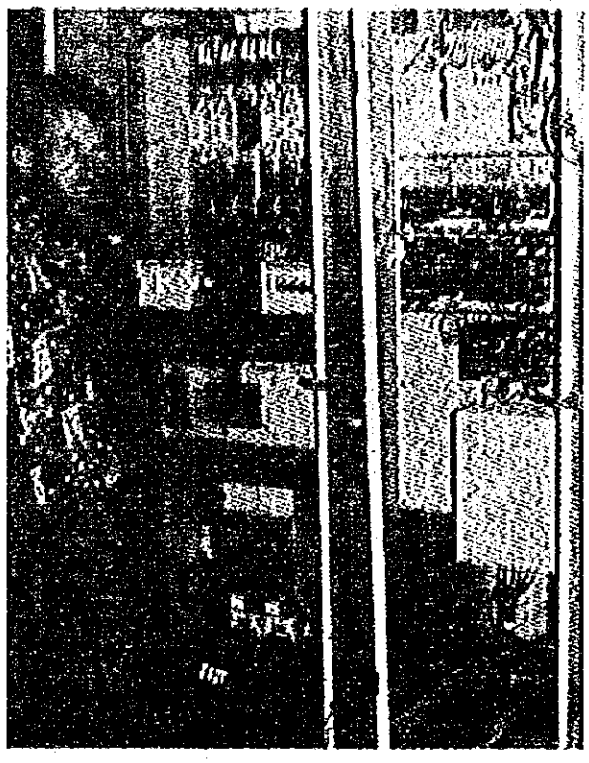
«مشاريع الاتصالات الدولية والفضائية»

مشروع تراسل المعطيات:

أن الغاية من المشروع توسيع الخدمة القائمة من خلال تنفيذ العقدتين في دمشق وعقدة في حلب ومجمعات في بقية مدن القطر تبلغ سعته (٦٠٠) دارة وقد وضع بالخدمة الفعلية في أوائل النصف الثاني من عام ١٩٩٤ .

كبل أوغاريت:

وهو كبل بحري ممتد بين طرطوس - قبرص - تبلغ سعته (١٩٢٠) دارة هاتفية دولية مشتركة بين الادارات السورية والقبرصية واللبنانية والغاية منه وصل القطر بكبل (سيموى ٢) القاري وتم استلامه في شهر كانون الأول من



MODERN PROJECTS OF THE PLAN "INTERNATIONAL AND SPACE TELECOMMUNICATION PROJECTS"

DATA TRANSMISSION PROJECT:

THE AIM OF THIS PROJECT IS TO EXTEND THE EXISTING SREVICE BY EXECUTING TWO KNOTS IN DAMASCUS AND ONE KNOT IN ALEPPO AND CONCENTRATORS IN ALL CITIES OF THE REGION. THE CAPACITY OF THIS PROJECT IS /600/ CIRCUITS AND IT WAS PUT IN SERVICE IN FIRST SEMESTER OF 1994.

AUGARET CABLE:

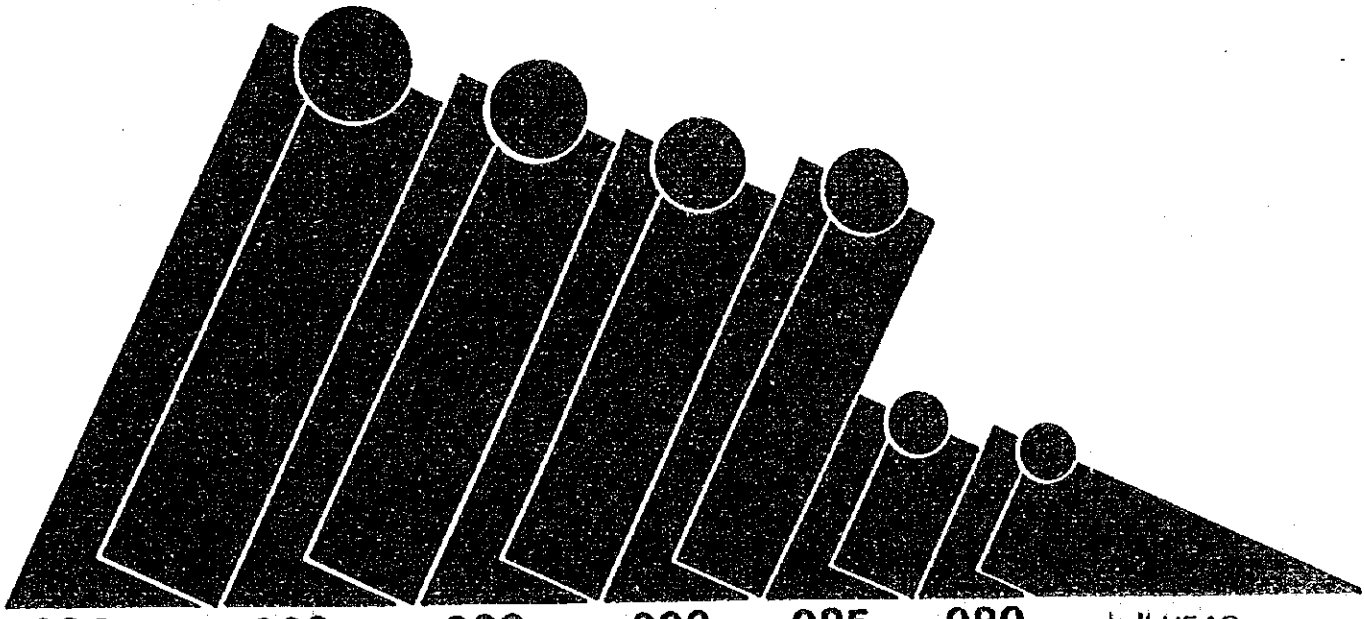
IT IS A SUBMARINE CABLE BETWEEN TARTOUS AND CYPROUS. THE CAPACITY OF THE CABLE IS /1920/ INTERNATIONAL TELEPHONE CIRCUITS JOINT BETWEEN SYRIA, CYPROUS AND LEBANON. THE PURPOSE OF THIS CABLE IS TO LINK THE REGION WITH THE CABLE SEA ME WE2. THE CABLE IS FINISHED AND RECEIVED IN DECEMBER 1994 AND PUT IN SERVICE IN FEBRUARY 1995.

SEA ME WE 2 CABLE:

THIS CABLE LAYS BETWEEN SOUTH EAST ASIA, MERSELIA THROUGH EYGPT AND SUODI ARABIA TO INSURE INTERNATIONAL TELECOMMUNICATIONS WITH ALL THE COUNTRIES OF THE WORLD. NUMBER OF CIRCUITS OF THIS CABLE IS /453/ INTERNATIONAL CIRCUITS AND IT WAS PUT IN SERVICE ACCOMPANIED WITH AUGARET CABLE.

INTELSAT EARTH STATION WITH THE ATLANTIC:

THE PURPOSE OF THIS PROJECT IS TO INSURE SPACE TELECOMMUNICATIONS DIRECTLY WITH AMERICA AND WITHE COUNTRIES WHICH WORK WITH ATLANTIC SATALLITE. THE CAPACITY OF THE STATION IS /480/ CHANNELS BEFORE DOUBLING THE CHANNELS. THIS STATION WAS PUT IN SERVICE IN JUNE 1994.



عام ١٩٩٤ وسيوضع بالخدمة في أوائل عام ١٩٩٥ .

كبل سيموي ٢ :

يمتد هذا الكبل بين جنوب شرقي آسيا ومرسيليا مروراً بمصر والسعودية لتأمين الاتصالات الدولية مع مناطق العالم المختلفة ويبلغ عدد داراته (٤٥٢) دارة دولية وقد وضع بالخدمة الفعلية مترافقاً مع كبل أوغاريت.

المحطة الأرضية انتلسات مع الأطلسي:

الغاية من المشروع تأمين الاتصالات الفضائية المباشرة مع القارة الأمريكية ومع الدول التي تعمل مع القمر الصناعي فوق الأطلسي وتبلغ سعة المحطة (٤٨٠) قناة قبل استخدام مضاعفات القنوات وقد وضعت بالخدمة الفعلية في حزيران عام ١٩٩٤ .

توسيع محطة عربسات الأرضية:

وتبلغ سعة المشروع (٦٩٦) دارة دولية جديدة والمتوقع وضعه بالاستثمار خلال عام ١٩٩٥ .

EXTENSION OF ARABSAT EARTH STATION:

THE CAPACITY OF THIS PROJECT IS /696/ NEW INTERNATIONAL CIRCUITS.

IT IS EXPECTED TO BE PUT IN SERVICE DURING 1995.

THE PROJECT OF FIBER OPTIC SUBMA RINE CABLE (ALETAR):

TARTOUS - ALEXANDRIA. ANNOUNCEMENT FOR BID WAS MADE IN 13/2/1995.

THE PROJECT OF FIBER OPTIC SUBMARINE CABLE BEIROUT - TRABLOUS - TARTOUS:

THIS PROJECT IS A NATURAL EXTENSION OF SUBMARINE CABLE TARTOUS - ALEXANDRIA.

ANNOUNCEMENT FOR BID WAS MADE IN 13/2/1995.

مشروع الكبل البحري بالألياف البصرية (البتار): طرطوس - الاسكندرية:

سيتم الاعلان عن مناقصة في أوائل عام ١٩٩٥ .

مشروع الكبل البحري بالألياف البصرية: بيروت - طرابلس - طرطوس:

وهو يشكل امتداد طبيعي للكبل البحري طرطوس - الاسكندرية، وسيتم الاعلان عن مناقصة في أوائل عام ١٩٩٥ .

مشروع الكبل البحري بالألياف البصرية بين بيروت - قبرص (قدموس):

يتم تنفيذ هذا المشروع من قبل ادارة الهاتف اللبنانية وهو قيد التنفيذ وقد اشتركت ادارة الهاتف السورية بـ ١٦٪ من سعة هذا الكبل وبنفس النسبة من الكلفة.

مشروع ربط سورية والأردن بكبلات بصرية:

وتبلغ سعته (١٩٢٠) دارة، حيث تم تمديد الشبكة السورية القطرية الى الأردن وربطها مع المشروع الميكروي الرقمي في الأردن.

مشروع تحديث وتوسيع الاتصالات مع لبنان:

ويتضمن إنشاء اتصال ميكروي وتبلغ سعته (١٩٢٠) دارة وتمديد كبلات بالألياف البصرية تبلغ سعتها (١٩٢٠) دارة. ويتم وضع المشروعين بالخدمة في الربع الرابع من عام ١٩٩٥ .

مشروع الوصلة الضوئية مع تركيا (ادلب - باب الهوى):

أنجز تمديد الكبل الضوئي وفيما يتعلق بالتجهيزات فستنفذ عقدياً حتى الشهر الحادي عشر من عام ١٩٩٥ .

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THE PROJECT OF FIBER OPTIC SUBMARINE CABLE BEIROUT - CYPROUS (KADMOUS):

THIS PROJECT WAS EXECUTED BY TELEC- OMMUNICATION ADMINISTRATION OF LEBANON AND SYRIAN TELECOMMUNICATION ESTABLISHMENT HAS SHARED IN EXECUTING IT BY 16% OF THE CAPACITY OF THE CABLE AND SAME COST.

THE PROJECT OF LINKING SYRIA WITH JORDAN:

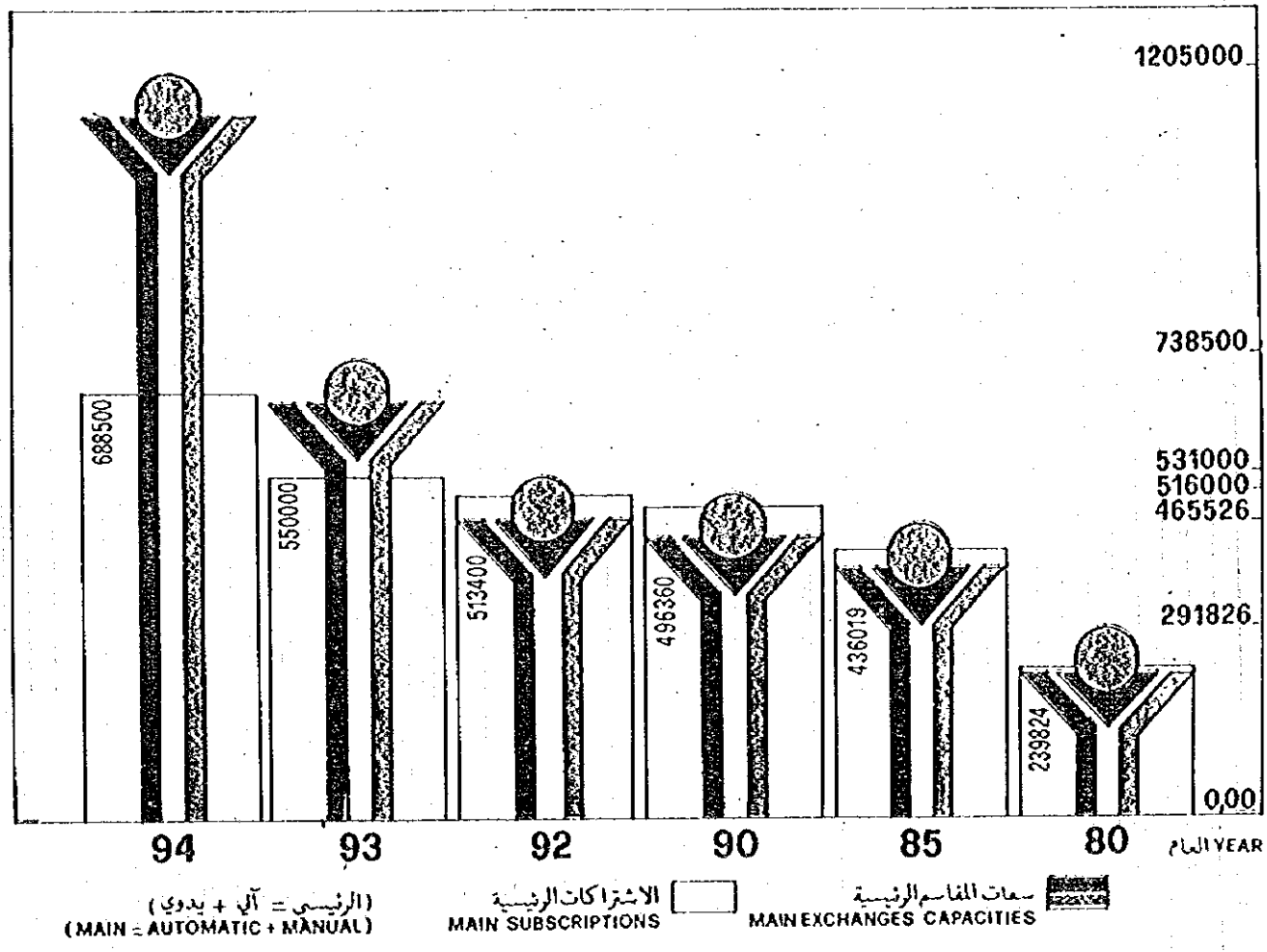
THAT IS BY FIBER OPTIC CABLES AND WITH CAPACITY /1920/ CIRCUITS THE NATIONAL NETWORK IS FINISHED FROM SYRIA TO JORDAN AND WAS LINKED WITH THE DIGITAL MICROWAVE PROJECT IN JORDAN.

THE PROJECT OF MODERNIZING AND EXTENDING TELECOMMUNICATIONS IN LEBANON:

THIS PROJECT INCLUDES THE ESTABLISHMENT OF MICROWAVE LINK WITH CAPACITY /1920/ CIRCUITS AND FIBER OPTIC CABLE WITH CAPACITY /1920/ CIRCUITS. THESE TWO PROJECTS WILL BE PUT IN SERVICE AT THE END OF 1995.

THE PROJECT OF OPTIC CABLE WITH TURKY (EDLEB - BAB ALHOWA):

LAYING THE CABLES WERE FINISHED AND THE EQUIPEMENTS WILL BE EXECUTED IN NOVEMBER 1995.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YEAR العام
(الرئيسي = آلي + يدوي)
(MAIN = AUTOMATIC + MANUAL)
الاشتراكات الرئيسية
MAIN SUBSCRIPTIONS
سعات المقاسم الرئيسية
MAIN EXCHANGES CAPACITIES

الميزانية الختامية المؤرخة بتاريخ ١٩٩٣/١٢/٣١

THE BALANCE SHEET AT 31 / 12 / 1993

ACCOUNT DESCRIPTION	SUB TOTAL المجموع الجزئي	TOTAL المجموع	اسم الحساب
FIXD ASSETS			الموجودات الثابتة
LANDS	40122472,33		الأراضي
Buildings & constructions	362872210,79		المباني والانشاءات
Machines & Fixtures	2799487919,43		الآلات والمعدات
Transportation Media	83946395,74		وسائل النقل والانتقال
Furniture & Office equipments	63804822,09		أثاث ومعدات المكاتب
		3350233820,38	
PROJECTS UNDER EXECUTION			مشروعات تحت التنفيذ
Buildings and Constructios Under Execution	372874251,17		مباني وانشاءات قيد التنفيذ
Machines & equipments under ex	5288550167,99		آلات ومعدات قيد التنفيذ
Advance Payments	1103258866,38		دفعات مقدمة
		6764683285,54	
GOODS IN STORAGE			المخـــزون
Stors, Materials & Assets	122994524,39		مخازن مواد وموجودات
		122994524,39	
RECEIVABLES			المدينون
Subscribers	1977990682,60		المشتركون
Securities & advance	73922669,75		تأمينات وسلف
		2051913352,35	
VARIOUS RECEIVABLE ACCOUNTS			حسابات مدينة أخرى
Current & Appropriated	1407545930,05		ايرادات جارية تخصصية
Contribution by Capital of telecommunications sector	6356865,35		المساهمة برأس مال قطاع الاتصالات
Existing buildings & branches	16638447,46		جاري المنشآت والفروع
Governmention contribution	432950000,00		صندوق الدين العام
		1863491242,86	
AVAILABLE FUNDS			الأموال الجاهزة
Cach in Hand	264383022,30		النقدية بالصندوق
Cash in Banks	801653696,24		المصارف
Permanent advances	217339,17		السلف الدائمة
		1066454057,71	
Crand Total		15219770283, 23	المجموع العام

تابع الميزانية الختامية الموافق بتاريخ ١٩٩٣/١٢/٣١

THE BALANCE SHEET AT 31 / 12 / 1993

ACCOUNT DESCRIPTION	UB TOTAL المجموع الجزئي	TOTAL المجموع	اسم الحساب
CAPITAL			رأس المال
Gained Capital	2540000000,00		رأس المال المكتتب
Unpaid Capital	1247098647,12		رأس المال غير المدفوع
Paid Capital		1292901352,88	رأس المال المدفوع
RESERVES			الإحتياطات
Legal reserve	1087786819,32		احتياطي قانوني
Forward Surplus	804590329,65		الفائض المرحل
		1892377148,97	
Depreciation			الإهتلاكات
		1823864071,72	
PROVISIONS			المؤونات
Provisions and taxes	1514293537,31		مؤونات وضرائب
Other Profits	213878,00		المؤونات الأخرى
		1514507415,31	
LONG-TERM LOANS			قروض طويلة الأجل
Domestic Loans	3714093251,16		قروض محلية
External Loans	324306789,84		قروض خارجية
KWAIT LOAN	1317412026,59		القروض الكويتية
		5355812067,59	
CREDIT ACCOUNTS			الدائنون
Suppliers	163359166,72		الموردون
Promissory notes	61627,57		أوراق الدفع
Various creditors	526790181,49		الدائنون المتنوعون
		690210975,78	
VARIOUS CREDIT ACCOUNTS			حسابات دائنة مختلفة
Various creditors	853324047,49		دائنون مختلفون
Due & Appropriate	1746465,24		مصروفات جارية وتخصيصية مستحقة
Current and appropriate	1795026738,25		ايرادات جارية تخصيصية
received incoms			مقبوضة مقدماً
		2650097250,98	
Crand Total		15219770283,23	المجموع العام

حساب الأرباح والخسائر عن المدة المنتهية بتاريخ ١٩٩٣/١٢/٣١

PROFITS AND LOSSES ACCOUNT FOR THE PERIOD 31/12/1993

SURPLUS OF INVESTMENT ACTIVITY		3144402360,71	فائض النشاط الجاري
CONVERTIBLE REVENUES:			الايرادات التحويلية
OPERATION REVENUES FOR OTHERS (TELEPHONE)	3792882,43		ايرادات تشغيل للغير (هاتفية)
Receivable Intersts (debets)	1660484,17		الفوائد الدائنة
Receivable rents	135880,98		الايجارات الدائنة
Fine to others	15403982,77		غرامات على الغير
Various Revenues	50644042,94		ايرادات متنوعة
Total		71637273,29	مجموع الايرادات التحويلية
General total		3216039634,00	المجموع العام
COSTS OF ADMINISTRATIVE			التكاليف الادارية والمالية
& FINANCIAL SERVICES			
WAGES	143841655,28		الأجـــور
Ommodity requirements	22874589,34		مستلزمات سلعية
Service requirements	200537150,25		مستلزمات خدمية
Current conversi on xpenses	274678691,77		مصروفات تحويلية
Compensation & Fine to others	868818,70		تعويضات وغرامات على الغير
TOTAL		642801105,34	المجمـــوع
		2573238528,66	أرباح صافية لعام ١٩٩٣
TOTAL SURPLUS OF INVESTMENT ACTIVITY	3216039634,00	3216039634,00	المجموع العـــام

حساب الاستثمار عن المدة المنتهية بتاريخ ١٩٩٣/١٢/٣١

ESTMENT ACCOUNT FOR THE PERIOD ENDING 31/12/1993

DESCRIPTION — اسم الحساب

SOLD SERVICES	TELEPHONE الهاتف 3760795549,04	TELEGRAPH البرق 84851840,20	TELEX الخدمات المباعة تلكس 373560654,43
Roductive Costs			التكاليف الانتاجية
Wages	135380569,61		الأجـــور
Commodity requirements	2859323,66		المستلزمات السلعية
Service Requirements	73882107,98		المستلزمات الخدمية
Current conversion expen	142330785,88		المصروفات التحويلية
TOTAL	354452787,13		المجموع
Costs of productive Services			تكاليف الخدمات الانتاجية
Wages	566906135,20		الأجـــور
Commodity requirements	69576875,86		المستلزمات السلعية
Service requirements	77400303,60		المستلزمات الخدمية
Current conversion expenses	6469581,17		مصروفات تحويلية جارية
TOTAL	720352895,83		المجموع
Due TOTAL	1074805682,96		مجموع الأعباء
Surplus of investement activity	3144402360,71		فائض النشاط الجاري
TOTAL SOLD SERVICES	4219208043,67	4219208043,67	المجموع العام

الميزانية الختامية الموقوفة بتاريخ ١٩٩٤/١٢/٣١

THE BALANCE SHEET AT 31 / 12 / 1994

ACCOUNT DESCRIPTION	SUB TOTAL المجموع الجزئي	TOTAL المجموع	اسم الحساب
FIXD ASSETS			الموجودات الثابتة :
LANDS	40504384,33		الأراضي
Buildings & constructions	562813125,46		المباني والإنشاءات
Machines & Fixtures	7715493803,61		الآلات والمعدات
Transportation Madia	217290186,64		وسائل النقل والانتقال
Furniture & Office equipments	91597398,72		أثاث ومعدات المكاتب
		8627698893,76	
PROJECTS UNDER EXECUTION			مشروعات تحت التنفيذ :
Buildings and Constructios Under Execution	363523422,84		مباني وانشاءات قيد التنفيذ
Machines & equipmentse under ex	6717050086,81		آلات ومعدات قيد التنفيذ
Advance Payments	2196348881,23		دفعات مقدمة
		9277522390,88	
GOODS IN STORAGE			المخـــزون :
Stors, Materials & Assets	2857962050,77		مخازن مواد وموجودات
		2857962050,77	
RECEIVABLES			المدينون :
Subscribers	2342185447,45		المشتركون
Securities & advance	65116045,52		تأمينات وسلف
		2407301492,97	
VARIOUS RECEIVABLE ACCOUNTS			حسابات مدينة أخرى
Current & Approriated	2344090403,00		ايرادات جارية تخصصية
Contribution by Capital of telecommunications sector	6356865,35		المساهمة برأس مال قطاع الاتصالات
Existing buildings & branches	7391004,97		جاري المنشآت والفروع
Governmention contribution	446950000,00		صندوق الدين العام
		2804788273,32	
AVAILABLE FUNDS			الأموال الجاهزة
Cash in Hand	76775949,70		النقدية بالصندوق
Cash in Banks	686738252,82		المصارف
Permanent advances	217339,17		السلف الدائمة
		763731541,69	
Grand Total		26739004648,39	المجموع العام

تابع الميزانية الختامية الموقوفة بتاريخ ١٩٩٤/١٢/٣١

THE BALANCE SHEET AT 31 / 12 / 1994

Demands			المطاليب
ACCOUNT DESCRIPTION	SUB TOTAL المجموع الجزئي	TOTAL المجموع	اسم الحساب
CAPITAL			رأس المال
Gained Capital	2540000000,00		رأس المال المكتتب
Unpaid Capital	857326113,31		رأس المال غير المدفوع
		1682673886,69	
RESERVES			الاحتياطات
Legal reserve	1892377148,97		احتياطي قانوني
Forward Surplus	1169317601,43		الفائض المرحل
		3061694750,40	
Depreciation	23535966860,26	23535966860,26	الاهتلاكات
PROVISIONS			المؤونات
Provisions and taxes	2211027472,05		مؤونات وضرائب
Other Profits	702609,27		المؤونات الأخرى
		2211730081,32	
LONG-TERM LOANS			قروض طويلة الأجل
Domestic Loans	4630422645,43		قروض محلية
External Loans	336893694,34		قروض خارجية
KWAIT LOANS	4408610999,64		القروض الكويتية
		9375927339,41	
CREDIT ACCOUNTS			الدائنون
Suppliers	5365564502,73		الموردون
Promissory notes	61627,57		أوراق الدفع
Various creditors	764975806,48		الدائنون المتنوعون
VARIOUS CREDIT ACCOUNTS	1026000,00		حسابات دائنة مختلفة
		6131629936,78	
VARIOUS CREDIT ACCOUNTS			حسابات دائنة مختلفة
Various creditors	124524033,04		دائنون مختلفون
Due & Appropriate	1831022,24		مصروفات جارية وتخصصية مستحقة
Current and appropriate received incoms	795026738,25		ايرادات جارية تخصصية مقبوضة مقدماً
		1921381793,53	
Crand Total		26739004648,39	المجموع العام

حساب الأرباح والخسائر عن المدة المنتهية بتاريخ ١٩٩٤/١٢/٣١

PROFITS AND LOSSES ACCOUNT FOR THE PERIOD 31/12/1994

ACCOUNT DESCRIPTION	SUB TOTAL المجموع الجزئي	TOTAL المجموع	اسم الحساب
SURPLUS OF INVESTMENT ACTIVITY		4814963165,61	فائض النشاط الجاري
CONVERTIBLE REVENUES:			الايرادات التحويلية
OPERATION REVENUES FOR OTHERS (TELEPHONE)	494493,57		ايرادات تشغيل للغير (هاتفية)
Operatior Revenues for Others (TELEX)	20000,00		ايرادات تشغيل للغير (تلكسية)
Receivable intersts (debets)	1234677,89		الفوائد الدائنة
Receivable rents	161740,31		الايجارات الدائنة
Fine to others	27438097,96		غرامات على الغير
Various Revenues	49252240,50		ايرادات متنوعة
Total		78601250,23	مجموع الايرادات التحويلية
General total		4893564415,84	المجموع العام
COSTS OF ADMINISTRATIVE			التكاليف الادارية والمالية
& FINANCIAL SERVICES			
WAGES	193198793,93		الأجـــور
Ommodity requirements	32044338,75		مستلزمات سلعية
Service requirements	301287524,48		مستلزمات خدمية
Current conversion xpenses	607674986,36		مصروفات تحويلية
		1134205643,52	
APPROPRIATE CURRENT CONVERSION			تحويلات جارية تخصصية
Compensation & to others	2960443,99		تعويضات وغرامات على الغير
Capital Losses	122835,35		خسائر رأس مالية
		3083279,34	
		3756275492,98	أرباح صافية لعام ١٩٩٤
TOTAL SURPLUS OF INVESTMENT ACTIVITY	4893564415,84	4893564415,84	المجموع العـــام

بيـان حساب الدخل والانفـاق حتـى ٣١ / ١٢ / ١٩٩٤

COME AND EXPENDITURE FOR THE YEAR 1994

Account Description	المبلغ	اسم الحساب	Account Description	المبلغ	اسم الحساب
Revenues from others Operation	514493,57	ايرادات تشغيل الغير	Wages	1136463445,13	الأجـــور
Sold service	6414198238,07	خدمات مباعة	Commodity requirements	133518076,51	المستلزمات السلعية
Convertible	78086756,66	ايرادات تحويلية	Service requirements	528574602,98	المستلزمات الخدمية
Income	6492799488,30	الموارد	Appropriate conversion expenditure	934884591,36	مصروفات تحويلية جارية
			Current & appropriate conversion	3083279,34	التحويلات الجارية التخصصية
			Usage	2736532995,32	الاستخدامات
			Net profit	375623995,32	الربح الصافي
TOTAL	6492799488,30	المجمـوع	TOTAL	6492799488,30	المجمـــوع

حساب الاستثمار عن المدة المنتهية بتاريخ ١٩٩٤/١٢/٣١

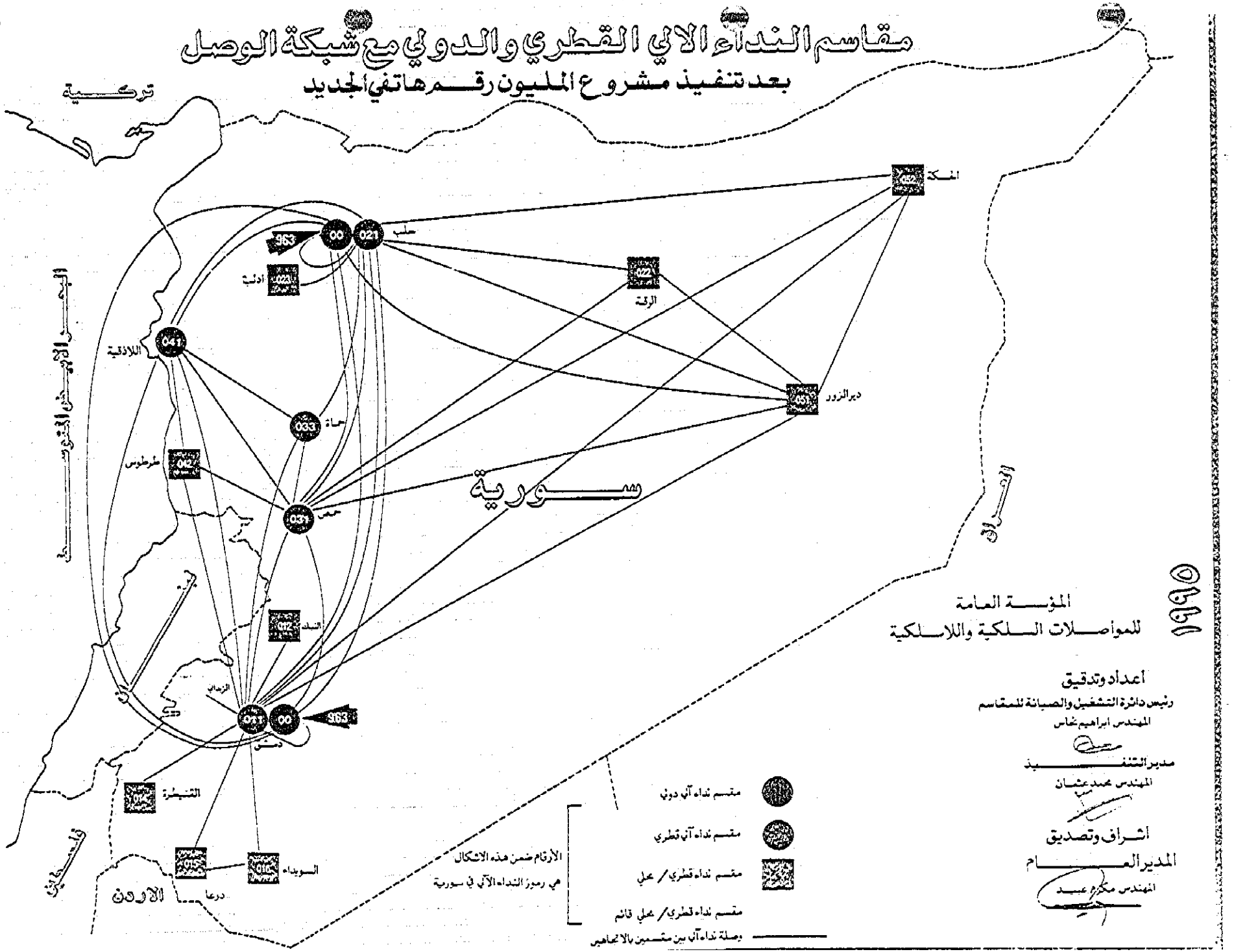
ESTMENT ACCOUNT FOR THE PERIOD ENDING 31/12/1994

DESCRIPTION — اسم الحساب

SOLD SERVICES	TELEPHONE الهاتف 6126564542,18	TELGRAPH البرق 97156672,96	TELEX الخدمات المباعة تلكس 190477022,93
Roductive Costs			التكاليف الانتاجية
Wages	181834151,20		الأجـــور
Commodity requirements	4005542,28		المستلزمات السلعية
Service Requirements	111000666,50		المستلزمات الخدمية
Current conversion expen	313186338,00		المصروفات التحويلية
TOTAL		610026697,98	المجموع
Costs of productive Services			تكاليف الخدمات الانتاجية
Wages	761430500,00		الأجـــور
Commodity requirements	97468195,48		المستلزمات السلعية
Service requirements	116286412,00		المستلزمات الخدمية
Current conversion expenses	14023267,00		مصروفات تحويلية جارية
TOTAL		989208374,48	المجموع
Due TOTAL		1599235072,46	مجموع الأعباء
Surplus of investement activity		4814963165,61	فائض النشاط الجاري
TOTAL SOLD SERVICES	6414198238,07	6414198238,07	المجموع العام

مقاسم النداء الآلي القطري والدولي مع شبكة الوصل

بعد تنفيذ مشروع المليون رقم هاتفي الجديد



المؤسسة العامة
للمواصلات السلكية واللاسلكية

1990

أعداد وتدقيق
رئيس دائرة التشغيل والصيانة للمقاسم
المهندس ابراهيم غاس

مدير التنفيذ
المهندس محمد عثمان

أشراف وتصديق
المدير العام
المهندس مكرم عبد

SYRIAN ARAB REPUBLIC
SYRIAN TELECOMMUNICATION ESTABLISHMENT

جدول بأهم النشاطات والمؤشرات للمؤسسة العامة للمواصلات السلكية واللاسلكية وتطورها
TABLE OF ACTIVITIES & FIGURES OF THE S.T.E & ITS' DEVELOPMENT

الجمهورية العربية السورية
المؤسسة العامة للمواصلات السلكية واللاسلكية

KIND \TILL THE END OF THE YEAR	1998	1997	1996	1995	1994	1993	1992	1991	1990	1985	1980	1970	1963	النوع / لغاية عام
TOTAL MAIN TELEPHONE SUBSCRIBERS	1681000	1432000	1184000	930000	688500	550000	513403	500000	496360	436019	239824	79792	48493	مجموع المواصلات هاتفية الرئيسية
TELEPHONE DENSITY (TELEPHONES PER 100 INHABITANTS)	11.5	10.00	8.1	6.64	5.3	3.54	5.46	5.52	5.65	5.83	2.74	1.27	0.97	الكثافة الهاتفية (عدد الهواتف لكل ١٠٠ مواطن)
TOTAL AUTOMATIC MAIN TELPHONE SUBSCRIBER	1610000	1360000	1110000	860000	610000	435000	401000	378000	376646	354007	202692	68431	40518	مجموع المواصلات هاتفية الرئيسية الآلية
CAPACITY OF LOCAL AUTOMATIC EXCHANGES	1950000	1816000	1616000	1366000	1116000	613500	416000	389000	389000	374000	246400	80500	47700	سعات المقاسم الآلية المحلية
TOTAL MANUAL AND SEMI - AUTOMATIC MAIN TELEPHON SUBSCRIBERS	71000	72000	74000	70000	78500	115000	112000	122000	119714	82012	37132	11361	7975	مجموع المواصلات هاتفية رئيسية اليدوية وشبه الآلية
CAPACITY OF LOCAL MANUAL AND SEMI - AUTOMATIC EXCHANGES	76000	78000	80000	74500	89000	125000	115000	127000	127000	91526	45426	12940	9100	سعات المقاسم اليدوية وشبه الآلية المحلية
NUMBER OF LOCAL CALLS (MILLION)	2476	2475	2200	1600	1100	1000	895	850	845	638	331	131	-	المكالمات المحلية الآلية (مليون)
NATIONAL LONG - DISTANCE CALLS (MILLION - MINUTES)	300	300	250	160	155	115	111	110	108	79	30	14	10	المكالمات مخارجية (مليون دقيقة)
INTERNATIONAL CALLS (MILLION - MINUTES)	80	75	60	40	35	34	22	22	21.0	14.6	4.3	2.7	2.2	المكالمات الدولية (مليون دقيقة)
NUMBER OF TELEX SUBSCRIBERS	4800	4500	4200	3890	3765	3725	3650	3510	3401	2050	889	12	-	اشتراكات التلكس
INTERNATIONAL TELEX MESSAGES (MILLION - MINUTES)	2.900	2.850	2.800	1.450	2.525	2.681	2.893	2.400	2.375	2.185	1.657	0.002	-	رسائل التلكس الدولية (مليون دقيقة)
NATIONAL (INTER - CITIES) CIRCUITS	52000	50000	49000	46000	31500	15000	13902	13902	13902	11925	1670	600	600	خطوط الاتصالات بين محافظات القطر
INTERNATIONAL CIRCUITS	14000	12000	1000	10000	4936	4000	3300	3200	3145	2709	487	خطوط مباشرة + موالية مع تبادل وأجهزة لاسلكية طليقة		خطوط الاتصال الدولية
STD EXCHANGES (NUMBER) (CAPACITY)	90 76000	80 65000	69 52620	69 52620	50 35000	13 15000	17 3396	17 3396	17 3396	17 3396	16 3356	5 500	-	مقاسم النداء الآلي (عددها) سعتها (اعتادة)
NUMBER OF PUBLIC TELEPHONE CABINETS AND COIN TELEPHONE	3945	3910	3890	3865	3800	3750	2510	2400	2298	1668	938	374	273	عرف مقاسم التعريم والمقسمات الآلية
OPERATING INCOME (MILLION S.P)	6850	6900	6700	6550	6493	4291	3168	2700	2545	905	177	38	39 *	الإيرادات (مليون ل.س)
OPERATING EXPENDITURES (MILLION S.P)	2800	2750	2700	2800	2736	1718	1444	1350	1264	544	204	29	26 *	الإنفاق على التشغيل (مليون ل.س)
PROFITS	4050	4150	4000	3750	3757	2573	1724	1350	1281	361	- 27	9	13	الأرباح (الإيرادات - النفقات)
INCOME TAX (MILLION S.P)	1950	2050	2350	2200	2197	1500	889	1175	1093	305	-	-	-	ضريبة الدخل (مليون ل.س)
TRANSFERED SURPLUS	2100	2100	1650	1550	1560	845	627	175	188	56	- 27	9	13	الفائض المرحل (مليون ل.س)
TOTAL OF SURPLUS AVAILABLE FOR DEVELOPMENT (MILLION S.P) (DEPRECIATION) + (TRANSFERED SURPLUS)	2400	2395	2600	2395	2090	972	777	370	333	189	7	14	21	مجموع الفائض المتاح للتنمية (مليون ل.س) مجموع (الاهتلاك + الفائض المرحل)
INVESTMENT EXPENDITURES (MILLION S.P)	3900	4300	4100	3812	4295	5014	663	374	194.8	245	269	8	21 *	الإنفاق الاستثماري (مليون ل.س)
GOVERNMENT LOANS (MILLION S.P)	-	-	-	-	550	2441	-	-	-	-	194	-	-	قروض صندوق النقد الدولي (مليون ل.س)
NUMBER OF EMPLOYEES IN S.T.E	18800	18200	17680	17155	16655	15670	14072	13796	13278	12742	9412	5083 **	-	عدد العاملين في المؤسسة
NUMBER OF EMPLOYEES PER 1000 MAIN SUBSCRIPTION	11.2	12.7	14.9	18.4	24.1	28.5	27.6	27.6	27	29	39	63	-	عدد العاملين لكل ١٠٠٠ اشتراك رئيسي
EMPLOYEE PRODUCT = PRODUCT - PRODUCT REQUIRMENTS / AVERAGE NUMBER OF EMPLOYEE	315200	312750	339366	341028	350105	258422	221871	192000	180000	66958	15905	5716	-	إنتاجية العامل = الإنتاج - متطلبات الإنتاج / وسطي عدد العاملين

* DURING THE PERIOD 1.7.1962 TILL 31.12.1963

** THESE NUMBERS INCLUDE NUMBER OF EMPLOYEES IN POST & TELECOM ESTABLISHMENT

* من الفترة الزمنية من 1962/7/1 ولغاية 1963/12/31

** الأرقام تشمل عدد العاملين بالبريد إضافة إلى المواصلات السلكية واللاسلكية

الجمهورية العربية السورية
المؤسسة العامة للمواصلات السلكية واللاسلكية
الهيكل التنظيمي
عام ١٩٩٣

D-3

Notes on the Costs of the 250 thousands Number Project, the Project of the Million Numbers, and the Project of 1.5 Million Numbers in Foreign Currency

The Arabic Syrian Republic
The Syrian Telecommunication Establishment
S.T.E

Notes on the Costs of the 250 Thousthands Number Project, the Project of the Million Numbers, and the Project of 1,5 Million Numbers in Foreignngn Currency

The project of million numbers:

1- Exchanges of 1000000 number centered in 115 center.

The project includes :

Exchanges , capacity , and modification, artificial land , fire alarm, net of connecting optical fiebers in contries of multi exchanges, training center, correction center , software and training center , supervision on insertion (setting)

All will cost 150 million american dollars

2- A net connecting countries with optical fibers and a digital microwave . The cost is 50 million dollars

3- combined cables with accessories for the project of 130 million dollar consist of armed cables , ordinary cables, connections , sets and destribution sets.

4- Auto - exchanges and international exchange (5+1)

They cost 40 million dollars

The total cost: 37 million dollars

The capacity of the project was 700 thousand number .

It is expanded to 25% .to reach to million numbers.

The Project of 250 thousand numbers:

Exchanges

1- ~~Exchanges~~ Of 250 thousand numbersituated in 210 centers.

A- The exchanges: (ready, half-incoded) with batteries and transervers (Samsong's contract). The cost is nearly about 12 million dollars

B- Subscription units (Simens Contract)

The cost is nearly about 11 million dollars.

The final cost of A & B is 23 million dollars

2- Efficiency:

A- Generators with stabilizers (3,2 million dollars)

B- Modifications 0,22

The final cost of A & B is 3,42

3- A connecting network used to connect among the centers.

A- Sets and cables of optical fiebers cost 5 million dollars

B- A micowave of costs about 17 million dollars

The final cost of (A) & (B) is 22 million dollars

5- The wooden columnes

They cost 6,5 million dollars

The final cost of the project of 250 thousand numbersis 77 million dollars

The project of million and half numbers:

1- Exchanges of 1,500,000 numbers situated in 433 center .
Among them there are 194 new center and the rest are in current buildings
The cost is nearly 225 million dollars

2- Connecting networks connect cities with optical fiebers .
digital
A difital microwave
Expanding the current lightning terminals)from the project of 15 million dollars.)
lightning division nets cost 15 million dollars.
Subdividual microwave networks cost 20 million dollars.
A lightning fieber cable connect between Aleppo - Alraka - Der Alzor - Alhaska.
It costs 70 million dollars

3- Combined Cables with accessories.
The total cost is 19 million dollars

4- Expansion in calling exchanges and the international networks.
An additional calling exchange in Damascus.
The cost is 15 million dollars.

The total cost of the project of million and half numbers is 500 million dollars.

D-4

Feasibility and Economical Study of the Project of Expanding and Developing the Communications in Syria Capacity 1.5 Million new Numbers

The Syrian Arabi Republic
Syrian Telecommunication Establishment(S.T.E)

Feasibility and Economical Study of the Project of Expanding and Developing the Communications in Syria Capacity 1,5 million new numbers

1- Identification of the project

The projects aims to:

1- A.- Constructing two auto-calling exchanges in (Damascus Eastern Erea).
Expanding the current exhanges in Homs ,Hama, Aleppo, Latakia in capacity of 50000 curciut.

B- Contructing an international exchange in the middle area / coastern area with capacity of 5000 circiut.
Expanding the two international exchanges in Damascus and Aleppo with 10000 new international circiut

2- Making 1,5 million electronic new numbers apportioned on 400 center in all the provinces and cities in addition to countries.
Among these centers there are about 200 center having multi exchanges for the patricipients and regional auto calling.
In ddition to that there should be implementation ing of an optical cables connecting networks in cities which have multi-exchanges.

3- Implemenation of regional connecting networks among the telephonic centers of this project. They consit of:
A- Optic cables connected to networks (1500 K.M)
Expanding some of the current nets.
B- Adigital microwave connecting network consists of 50 stations.
Expanding some of the current microwave connections and modernizing some.

4- Implementation of the participients' nets in the centers in which the exchanges of the project will be constructed.
- Implementation of ducts net and inspection rooms.
- supplying the main telephonic cables, the sub cables, connecting
- materials , sets, division sets and the measurements apparatuses.
- Implementation of the cabel nets which is mentioned by the S.T.E.

5- Implementation and expanding the current international connecting networks.:

A- Benefeting (using) from all the available circuits from the international current projects and expanding the circuit as followes: Extending the capacity of the Simoy cable (which is extended between Urope and Southeastern of Asia and passing the Medeterian and the Red sea) to 1200 circuits.

B- Expanding in optical fiebers the circuits of Ogarett cable which is extended between Cyprus - Tartous and Al- Kadmous cable (which is extended between Beirut and Cyprus)

C- Completing implementation of Britar-Alitar cable among Syria-Lebanon - and Eygept.

D- Participation in (Si Mi Wi) cable (3) with 1000 circuits

E- Expanding the eartly station Antlsat to 960 circuit

F- Expanding the earthly station (Indian Antlsat) to 960 circuits.

G- Expanding and modernizing the communications with Turky and Jordan.

1-1-1: This project will help S.T.E in expanding the telephonic services which have all the benefits which are given by the digital electronic systems This project will easiness the protection and operating duties which will decrease the number of workers.

1-1-2 : This project has been established on the following basics:

- Expanding and developing the communicating wired and wireless services in cities and countries and among international and regional level.
- Continuing to improve the communication between countries and cities by:

-doubling the number of the electroic telephonic lines in the cities and 4 times duplication in countries.
-doubling the telephonic capacity in countries with regard to the increasement of population.
-using electroni telephonic services in countries instead of handing services.
-Implementation of the old telephonic requests from 1995 and before
(provided that they must be completed before the year 2000)

1-1-3: Extending and improving the telephonic services

1-1-4: Extending the international and regional connecting services by extending the calling exchanges.

1-1-5: applying a great deal of confidence in communications by using multi connecting nets in cities among Syria and between Syria and other countries.

The reasons behind this project

1-2-1 The electronic capacities in all the electronic centers heve reached till 1995 to 1,4 million and they will reach in 1998 to 1,650 million number after the implementation of the 250 thousands project.

1-2-2: The handed and half handed capcities have reached to 80000 number till the year 1995.
So the subscriptions will reach to 1,650 in the end of the year 1998.

1-2-3: The intensity has reached till the year 1995:

$$\frac{\text{the electronic and handed subscriptions} \times 100}{\text{population till 1995}} = \frac{940000 \times 100}{14500000} = 6{,}48$$

1-2-4: The present capacities of the exchanges will be able to extend the supscriptions to no more than 1,60 million till 1998
The number of requests on the electronic phone service is above 1500000 till 1995 . so it is clear that there is a need for a quick expanding to the capacities of the exchanges

1-2-5: It is necessary to impilmate a new project after the production of the 1 million numbers.

1-2-6: The basics that have been taken into consideration to specify the project

A- The project's plane is to complete avaragly the expected demands which means that by the end of completing the excpectations there will be about 750000 uncompleted demands

B- Economic and social needs to complete the electronic telephonic services which is an important factor in reducing the costs of the industrial and agricultural production.

C- Expanding the electronical telephonic service in countries which will decrease the migration to big cities.

D- It is planned that the electronic supscriptions will reach to 3,1 million number till 2003.

2- The expected time stages needed for completing the project

2-1- The expected directions needed for completing the project

2-1-1- The directors of the S.T.E have studied the project a long study and have reached the dicision that this project shall be applyied in big cities and countries as it is clarified in the combined tables.

2-1-2- The interial law in S.T.E makes a clear cut between the stage of study which is controlled by a central direction and the stage of implementation which is directed by another central direction.

The implemnetational stages needed for completing the project

Lands and buildings:
It has been started to supply the lands for this project since 1994 and it will comletely be supplied in 1996
Some of the buildings have been put in the plane of 1996 and it is expected to be finished in 1998.

The concerned parties have identified the required needed technical instructer .

It is planned to apply the expantation of the connecting network among cities with optical fiebers and microwave communication from 1997 - 1998.

It is planned to import and compose the electronic exchanges for this project from 1997-1998

it is also decided to make a contract on the supscriptions' cables for this project from 1996 and they will be imported from 1997-1998

The componants costs of the project's investiments:

- The fixed capital
-The working capital-

The fixed capital:
The componants needed for the project
- The lands

- New buildings
- The national and the international exchanges
- The local exchanges for the supscrpitions and the connecting network in the cities of multi exchanges
- The nets of the national supscriptions:
- in cities
  in countries
- The nets of international communication
  TRansports
  Customs fees

The cost of the lands that have to be bought in cities is 200 million syrian pounds . The lands are given free from municipality of countries.or from the plans of allocation of lands to utilities.

The cost of the needed buildings to the project is 1100 million syrian pounds. It consists 30 buildingsin cities and the rest are from countries.

NOTE

Telephonic exchanges from this project will be structured in current buildings by expanding these exchanges.

The cost of buying and installing the automatic national calling exchanges (2 new exchanges and expantion of the current exchanges) and the local one inaddition to the new international exchange is about 225 million dollar (2531 million syrian pounds).

The cost of buying and installing the connecting nets among the telephonic centers is about:
70 million dollars for lightning cables the microwave net (800 million syrian pounds), and 200 million syrian pounds for the civil works of the project in syrian currency.

The cost of buying and installing the nets of the syrian supscriptors is
190 million dollars (2137 million syrian pounds).
4090million syrian pounds for the civil works

The expenses of buying transports are about 300 million syrian pounds

The customer fees for all the materials of the projects are about 3300 million syrian pounds.

Note:
The study of cost account in foreign currency is based on the consideration that the dollar is 11,25 syrian pounds. This study is the study of the million number project.
So it can be clarified that the costs of the project are nearly 9100 million syrian pounds in local currency and 500 million syrian pounds in foreign currency.
The final cost account is 9100 million + 500 X 11,25 = 9100+ 5625 = 14725 million syrian pounds.
And so the cost account of setting one number is 9816 syrian pounds according to this table:

	In local currency syrian pounds	In foreign currency equals syrian pounds
- Lands	133	---
- Buildings	734	---
-National & international exchanges and local exchanges for subscrpitions	50	1800
- Networks connecting centers	134	525
- Subscrpitions' local nets	62616	1425
- Transports	200	---
- Custumer fees	2200	---
	6067 +	3750
	=9817	

The capital of the project:

The capital project consits from:
(The stock, Current currency, Instituional debts).

The capacity is 1500000 number and the capital needed for every number is 3000 syrian pounds , so the capital needed for the project is
3000 X 1500000 = 4500 million syrian pounds.

The investments needed for the project: (The fixed and working capitals)
The capital for the project is 14725 + 4500 = 19225 million syrian pounds.

The division of the fixed capital of the project in millions of syrian pounds:

The year:	
1996	455
1997	4417
1998	4417
1999	2945
2000	1472
2001	1017
	14725 million syrian pounds

The annual costs of the projet:

1. Fees
2. Requirment articles
3. Service requirements
4. Current exchanged expansures (waisting & interests).

A Table

By reffering to the institutional final budget of the year 1994, it must be taken into consideration the following : (the iencreasing workers' salaries,increaseing fuel fees---etc).
After considering the average of workers' salaries & the number of workers (17000 worker, 15 worker to every 1000 electronic number), the cost account will be clarifioed according to this table:

During the year 1997	50000 numbers
During the year 1998	250000 numbers
During the year 1999	250000 numbers
During the year 2000	250000 numbers
During the year 2001	300000 numbers
During the year 2003	300000 numbers
During the year 2003	100000 numbers
The result	1500000

It must be considfered that the economical age of the project is 15 years.

The costs of annual ruuning of (starting) this project during 15 years (Millions of Syrian pounds)

The year	1997	1998	1999	2000	2001	2002	2003
Salaries of workers	210	525	787	787	787	782	782
Reqauirements articles	22	200	366	532	732	932	999
Services requirements	10	55	101	148	203	258	277
Wasted	29	177	323	470	647	824	883
The result	271	957	1577	1037	2369	2796	2941

5 - Annual Incomes of the Project:

The annual incomes of the project have been established according to these basics:
A- The Sets will be as follows:

Year:	1997	1998	1999	2000	2001	2002	2003
	50000	25000	25000	25000	30000	30000	100000

So the subscriptions will be as follows:

1997	1998	1999	2000	2001	2002	2003
50000	300000	550000	800000	1100000	1400000	1500000

Considering that the incomes of the subscriptions ,which will took place during the same year, are half of the real incomes (fees of subscriptions, fees of callings).

B- The average of the annual subscriptions' fees for every number is 400 syrian pounds.
The fees of local calls 0,60 syrian pounds for every call.
The fees of national calls 608 syrian pounds for every call
The fees of international calls 4350 syrian pounds for every call

C- The Study of the final budget of 1994 clarifies that :
The average of the income of every number of local calls is 528 syrian pounds.
The average of the income of every number of national call is 608 syrian pounds.
The average of the income of every number of international call is 4350 syrian pounds.

D- The average of fees of setting every main electronical subscription is nearly about 4000 syrian pounds.

The Annual Incomes of the Project in Millions of Syrian pounds

	1997	1998	1999	2000	2001	2002	2003
Setting fees	200	1500	1500	1500	1200	1200	400
Subscription fees	10	70	170	270	380	500	600
Costs of local calls	13	92	224	356	501	660	792
Costs of national calls	15	106	258	410	577	760	912
Costs of international calls	108	761	1848	2936	4132	5437	6525
The result	346	2029	3500	4972	6790	8557	9229

6- The Geographical Allotment of the Project:

The allotment of the project's services will spread through all the cities and the inhabitation crowded in Syria.

7- Estimation of Demands on the Phonic Service:

The number of main electronic phonic subscriptions (electronic & mannual):

Year	The no. of main subscriptions (electronic & mannual)	The no. of the uncompleted phonic demands
1990	496000	1518023
1991	500000	1564400
1992	513000	1718771
1993	550000	1750000
1994	688000	1700000
1995	930000	1500000

The studies showed that the no. of demands will remain approximetly 1200000 till the year 2003 inspite of setting the project s of the million n. and of 250 thousands no.

8- The Economic Effeciency and the Profit of the Project:

The current value of the innvestiment's costs and the profits is clarified as follows:

The current value of the funds in millions of syrian pounds:
(The value is in millions of syrian pounds)

The ages of the project	investiment's costs	running's costs	sails (incomes)	profits	discounts	current value of investiment's cost	current value of profits
	(1)	(2)	(3)	4=3-2	(5)	6=1x5	7=4X5
the first 1996	455	271	nothing	271	0,917	417	248
the second	4417	957	346	629	0,841	3741	528
the third	4417	1577	2029	452	0,774	3418	350
the fourth	2945	1937	3500	1063	0,708	2085	753
the fifth	1572	2369	4972	2603	0,650	956	1692
the sixth	1017	2796	6790	3994	0,596	606	2380
the sevnth	nothing	2941	9557	6616	0,547	nothing	2823
the eighth	nothing	also	9229	6288	0,502	nothing	3156
the nineth	nothing	also	also		0,460	nothing	2892
the tenth	nothing	also	also	=	0,422	nothing	2653
the eleventh	nothing	also	also	=	0,388	nothing	2439
the thirteen	nothing	also	also	=	o,236	nothing	1484
the tewelfth	nothing	also	also	=	0,356	nothing	2238
the fourtheenth	nothing	also	also	=	0,299	nothing	1880
the fifteenth	nothing	also	also	=	0,275	nothing	1829
the sixteenth	nothing	also	also	=	0,252	nothing	1584
the result						11196	27277

It can be cleared that the economical use of this project is clarified by:

The pure rate of the current value =
The pure current value of current amount X 100 / The current value of general investiments.

$$= \frac{27277 \times 100}{11196} = 243\%$$ (The rate is acceptable)

9- The Social Profits and the Economical National Use:

This project has given a lot of telephonic services to all the social and economical sections in Syria. Its establishment will serve the local, national and international communications and increase the phonic intensity in Syria to 15%.
It will meet the needs for advanced telephonic communications and serve a great deal of uncompleted demands.

Damascus 24/9/1993

Chairman of projection departement
The engineer Talal Musli

Manager of projection and satatistics
The engineer Raof Al-Eed

General Managere for S.T.E
The engineer Makrem obed

D-5

Result of the Simulation

D-5 Result of the Simulation

Configuration of the Local Network in Damascus City Area

Feb. 24, 1996
JICA Study Team

1. Purpose

We simulated to decide that which is appropriate Multi-Tandem model or Zone-Tandem model for the local network in Damascus city area.

2. Conditions of simulation

- Number of Secondary Centers 3
- Number of Primary Centers 20
- Criteria of High Usage Route 12 erl

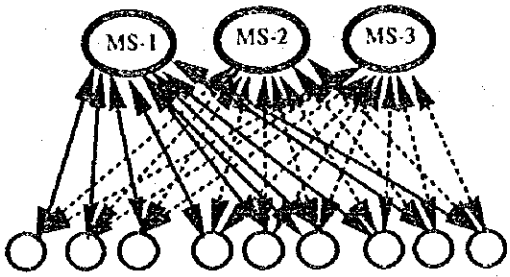


Fig. 1 Multi-Tandem Model

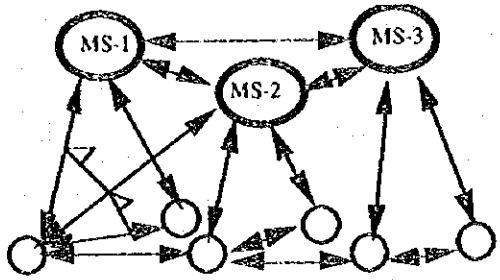


Fig.2 Zone-Tandem Model

3. Results

(1) Number of total circuit(Refer to Table 3, 4)

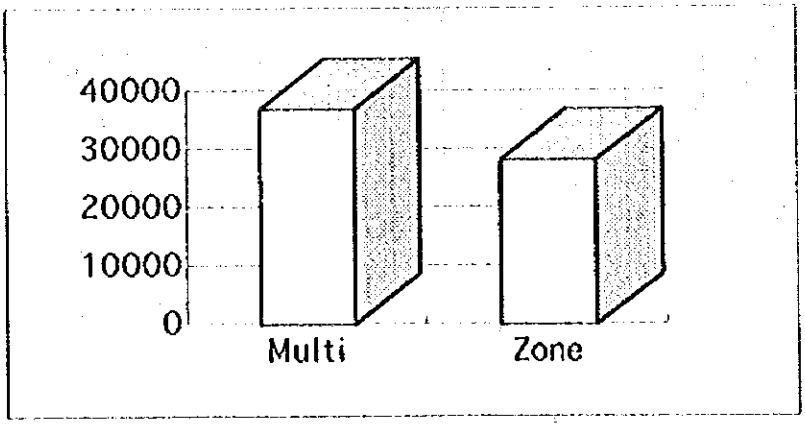


Fig. 3 Number of total circuit

(2) Comparison

Table-1

	Multi-Tandem	Zone-Tandem
Cost	High	Low
Security	Excellent	Good
Tandem exclusive unit	Need	No Need
Transition from existing to the new	Difficult	Easy

4. Conclusion

We recommend that Zone-Tandem model is appropriate for the local network in Damascus city area as mentioned the Master Plan chapter 6.

5. Annex

- Table-1: Demand&Traffic Quantity
- Table-2: Switching Unit Data List
- Table-3: Traffic Matrix
- Table-4: Circuit Matrix(Multi-Tandem Model)
- Table-5: Circuit Matrix(Zone-Tandem Model, Criteria of High Usage 12erl)

Table-1 Demand & Traffic Quantity

		RESIDENTIAL			BUSINESS			TRAFFIC (erl)	
	DEMAND	OG CR	IC CR	DEMAND	OG CR	IC CR	OG TRF	IC CR	TOTAL
BabSh	19,740	26	26	8,460	45	45	893.94	893.94	1,787.88
Nasse	28,210	26	26	12,090	45	45	1,277.51	1,277.51	2,555.02
Thawr	21,140	26	26	9,060	45	45	957.34	957.34	1,914.68
Dewel	19,740	26	26	8,460	45	45	893.94	893.94	1,787.88
KefrS	21,140	26	26	9,060	45	45	957.34	957.34	1,914.68
Mezz1	28,210	26	26	12,090	45	45	1,277.51	1,277.51	2,555.02
Mezz2	17,640	26	26	7,560	45	45	798.84	798.84	1,597.68
Mieda	33,110	26	26	14,190	45	45	1,499.41	1,499.41	2,998.82
Kadan	17,640	26	26	7,560	45	45	798.84	798.84	1,597.68
Yarmo	21,140	26	26	9,060	45	45	957.34	957.34	1,914.68
Sebey	14,140	26	26	6,060	45	45	640.34	640.34	1,280.68
Jalla	21,140	26	26	9,060	45	45	957.34	957.34	1,914.68
bagda	49,350	26	26	21,150	45	45	2,234.85	2,234.85	4,469.70
Mohaj	21,840	26	26	9,360	45	45	989.04	989.04	1,978.08
RoknA	21,140	26	26	9,060	45	45	957.34	957.34	1,914.68
Barze	21,140	26	26	9,060	45	45	957.34	957.34	1,914.68
IbnAl	10,570	26	26	4,530	45	45	478.67	478.67	957.34
Domar	17,640	26	26	7,560	45	45	798.84	798.84	1,597.68
Abbas	21,140	26	26	9,060	45	45	957.34	957.34	1,914.68
Jobar	21,140	26	26	9,060	45	45	957.34	957.34	1,914.68
TOTAL	446,950	-	-	191,550	-	-	20,240.45	20,240.45	40,480.90

Table-2 Switching Unit Data List

Node No.	Unit No.	NWID Code	Unit Name	SW Class	SW A/D	Colocati Code	Location (X)	(Y)	Remarks
1	SC1	A	BabSh	SP	D	AA	8	8	
2	SC2	A	KefrS	SP	D	BB	4	7	
3	SC3	A	Jalla	SP	D	CC	4	9	
4	PC1	A	BabSh	SP	D	AA	8	8	
5	PC2	A	Nasse	P	D		5	8	
6	PC3	A	Thawr	P	D		5	9	
7	PC4	A	Dewel	P	D		8	9	
8	PC5	A	KefrS	SP	D	BB	4	7	
9	PC6	A	Mezz1	P	D		2	5	
10	PC7	A	Mezz2	P	D		1	4	
11	PC8	A	Mieda	P	D		6	6	
12	PC9	A	Kadan	P	D		6	4	
13	PC10	A	Yarmo	P	D		8	5	
14	PC11	A	Sebey	P	D		8	2	
15	PC12	A	Jalla	SP	D	CC	4	9	
16	PC13	A	bagda	P	D		6	10	
17	PC14	A	Mohaj	P	D		3	9	
18	PC15	A	RoknA	P	D		4	11	
19	PC16	A	Barze	P	D		6	13	
20	PC17	A	IbnAl	P	D		5	12	
21	PC18	A	Domar	P	D		0	8	
22	PC19	A	Abbas	P	D		7	12	
23	PC20	A	Jobar	P	D		8	11	

Table-3 Traffic Matrix

	BabSh	Nasse	Thawr	Dewel	KefrS	Mezz1	Mezz2	Mieda	Kadan	Yarmo	Sebey	Jalla	bagda	Mohaj	RoknA	Barze	IbnAl	Domar	Abbas	Jobar	TOTAL
BabSh	0.00	53.20	33.79	133.01	32.94	38.72	21.65	86.62	33.39	63.03	29.73	28.03	118.00	28.73	30.19	33.73	14.19	24.58	36.95	53.46	893.94
Nasse	53.20	0.00	123.11	48.46	110.64	70.52	35.54	126.22	41.72	51.34	30.64	94.15	171.95	75.46	54.99	41.04	20.43	45.31	39.25	43.55	1,277.51
Thawr	33.79	123.11	0.00	34.20	46.86	40.07	21.03	59.76	22.59	29.17	18.07	89.16	182.06	56.50	52.08	33.98	18.24	29.75	32.60	34.31	957.34
Dewel	133.01	48.46	34.20	0.00	29.16	34.58	19.48	65.24	26.62	45.39	24.47	27.74	143.32	28.13	32.41	39.00	16.05	23.42	46.26	76.99	893.94
KefrS	32.94	110.64	46.86	29.16	0.00	90.03	40.33	107.42	40.60	41.45	27.31	56.66	90.76	64.22	37.00	28.16	13.64	46.76	25.62	27.79	957.34
Mezz1	38.72	70.52	40.07	34.58	90.03	0.00	231.37	111.40	67.90	59.08	49.86	48.46	97.73	66.60	44.75	38.07	17.46	102.26	33.21	35.43	1,277.51
Mezz2	21.65	35.54	21.03	19.48	40.33	231.37	0.00	57.31	37.62	33.69	30.87	24.97	53.84	34.27	24.97	22.23	9.99	60.09	19.19	20.41	798.84
Mieda	86.62	126.22	59.76	65.24	107.42	111.40	57.31	0.00	132.03	149.54	70.54	56.69	147.56	61.05	49.57	45.89	20.62	54.99	44.30	52.66	1,499.41
Kadan	33.39	41.72	22.59	26.62	40.60	67.90	37.62	132.03	0.00	91.14	67.98	23.13	59.96	27.08	22.35	21.75	9.48	29.39	20.37	23.74	798.84
Yarmo	63.03	51.34	29.17	45.39	41.45	59.08	33.69	149.54	91.14	0.00	81.16	27.89	84.59	31.22	28.57	30.06	12.71	31.42	29.41	36.48	957.34
Sebey	29.73	30.64	18.07	24.47	27.31	49.86	30.87	70.54	67.98	81.16	0.00	18.46	52.12	21.93	19.74	20.92	8.75	25.32	19.55	22.95	640.34
Jalla	28.03	94.15	89.16	27.74	56.66	48.46	24.97	56.69	23.13	27.89	18.46	0.00	124.53	122.21	62.98	33.89	18.72	39.79	29.96	29.92	957.34
bagda	118.00	171.95	182.06	143.32	90.76	97.73	53.84	147.56	59.96	84.59	52.12	124.53	0.00	111.60	162.65	145.87	76.43	74.92	164.16	172.79	2,234.85
Mohaj	28.73	75.46	56.50	28.13	64.22	66.60	34.27	61.05	27.08	31.22	21.93	122.21	111.60	0.00	71.38	38.41	20.80	65.75	32.22	31.49	989.04
RoknA	30.19	54.99	52.08	32.41	37.00	44.75	24.97	49.57	22.35	28.57	19.74	62.97	162.65	71.38	0.00	69.98	54.66	42.86	52.50	43.69	957.34
Barze	33.73	41.04	33.98	39.00	28.16	38.07	22.23	45.89	21.75	30.06	20.92	33.89	145.87	38.41	69.98	0.00	65.77	33.01	141.26	74.34	957.34
IbnAl	14.19	20.43	18.24	16.05	13.64	17.46	9.99	20.62	9.48	12.71	8.75	18.72	76.43	20.80	54.66	65.77	0.00	15.73	39.01	25.97	478.67
Domar	24.58	45.31	29.75	23.42	46.76	102.26	60.09	54.99	29.39	31.42	25.32	39.79	74.92	65.75	42.86	33.01	15.73	0.00	26.83	26.65	798.84
Abbas	36.95	39.25	32.60	46.26	25.62	33.21	19.19	44.30	20.37	29.41	19.52	29.96	164.16	32.22	52.50	141.26	39.01	26.83	0.00	124.72	957.34
Jobar	53.46	43.55	34.31	76.99	27.79	35.43	20.41	52.66	23.74	36.48	22.95	29.92	172.79	31.49	43.69	74.34	25.97	26.65	124.72	0.00	957.34
TOTAL	893.94	1,277.51	957.34	893.94	957.34	1,277.51	798.84	1,499.41	798.84	957.34	640.34	957.34	2,234.85	989.04	957.34	957.34	478.67	798.84	957.34	957.34	20,240.45

Table-4 Circuit Matrix(Multi-Tandem Model)

	BabSh	KefrS	Jalla	Nasse	Thawr	Dewel	Mezz1	Mezz2	Mieda	Kadan	Yarmo	Sebey	bagda	Mohaj	RoknA	Barze	IbnAl	Domar	Abbas	Jobar	TOTAL
BabSh	0	0	0	450	330	330	450	300	510	300	330	240	750	360	330	330	180	300	330	330	6,150
KefrS	0	0	0	450	330	330	450	300	510	300	330	240	750	360	330	330	180	300	330	330	6,150
Jalla	0	0	0	450	330	330	450	300	510	300	330	240	750	360	330	330	180	300	330	330	6,150
Nasse	450	450	450	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,350
Thawr	330	330	330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	990
Dewel	330	330	330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	990
Mezz1	450	450	450	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,350
Mezz2	300	300	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	900
Mieda	510	510	510	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,530
Kadan	300	300	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	900
Yarmo	330	330	330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	990
Sebey	240	240	240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	720
bagda	780	780	780	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,340
Mohaj	360	360	360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,080
RoknA	330	330	330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	990
Barze	330	330	330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	990
IbnAl	180	180	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	540
Domar	300	300	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	900
Abbas	330	330	330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	990
Jobar	330	330	330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	990
TOTAL	6,180	6,180	6,180	1,350	990	990	1,350	900	1,530	900	990	720	2,250	1,080	990	990	540	900	990	990	36,990

Table-5 Circuit Matrix(Zone Tandem Model, Criteria of High Usage: 12 erl)

d: Direct Final, h: High Usage

	BahSh	KerS	Jalla	Nasse	Thawr	Dewel	Mezz1	Mezz2	Mieda	Kadan	Yarmo	Sebey	bagda	Mohaj	RoknA	Barze	IbnAl	Domar	Abbas	Johar	TOTAL
BahSh	0	360	330	90	120	270	0	0	120/d	0	0	0	150/d	0	0	0	0	0	0	0	1,440
KerS	360	0	570	150/d	0	0	270	180	210	210	240	150	150/d	120/d	0	0	0	0	0	0	2,610
Jalla	330	570	0	150/d	150/d	0	0	0	0	0	0	0	150	240	180	210	150	210	180	180	2,700
Nasse	90	150/d	150/d	0	150/d	60/h	90/h	30/h	150/d	60/h	60/h	30/h	210/d	90/h	60/h	60/h	30/h	60/h	30/h	60/h	1,620
Thawr	120	0	150/d	150/d	0	30/h	60/h	30/h	60/h	30/h	30/h	30/h	210/d	60/h	60/h	30/h	30/h	30/h	30/h	30/h	1,170
Dewel	270	0	0	60/h	30/h	0	30/h	30/h	60/h	30/h	60/h	30/h	180/d	30/h	30/h	30/h	30/h	30/h	60/h	90/h	1,080
Mezz1	0	270	0	90/h	60/h	30/h	0	270/d	150/d	60/h	60/h	60/h	120/d	60/h	60/h	30/h	30/h	120/d	30/h	30/h	1,530
Mezz2	0	180	0	30/h	30/h	30/h	270/d	0	60/h	30/h	30/h	30/h	60/h	30/h	30/h	30/h	0	60/h	30/h	30/h	960
Mieda	120/d	210	0	150/d	60/h	60/h	150/d	60/h	0	150/d	180/d	90/h	180/d	60/h	60/h	60/h	30/h	60/h	60/h	60/h	1,800
Kadan	0	210	0	60/h	30/h	30/h	60/h	30/h	150/d	0	120/d	60/h	60/h	30/h	30/h	30/h	0	30/h	30/h	30/h	990
Yarmo	0	240	0	60/h	30/h	60/h	60/h	30/h	180/d	120/d	0	90/h	90/h	30/h	30/h	30/h	30/h	30/h	30/h	30/h	1,170
Sebey	0	150	0	30/h	30/h	30/h	60/h	30/h	90/h	60/h	90/h	0	60/h	30/h	30/h	30/h	0	30/h	30/h	30/h	810
bagda	150/d	150/d	150	210/d	210/d	180/d	120/d	60/h	180/d	60/h	90/h	60/h	0	150/d	180/d	180/d	90/h	90/h	180/d	210/d	2,700
Mohaj	0	120/d	240	90/h	60/h	30/h	60/h	30/h	60/h	30/h	30/h	30/h	150/d	0	90/h	30/h	30/h	60/h	30/h	30/h	1,200
RoknA	0	0	180	60/h	60/h	30/h	60/h	30/h	60/h	30/h	30/h	30/h	180/d	90/h	0	90/h	60/h	60/h	60/h	60/h	1,170
Barze	0	0	210	60/h	30/h	30/h	30/h	30/h	60/h	30/h	30/h	30/h	180/d	30/h	90/h	0	60/h	30/h	180/d	90/h	1,200
IbnAl	0	0	150	30/h	30/h	30/h	30/h	0	30/h	0	30/h	0	90/h	30/h	60/h	60/h	0	30/h	30/h	30/h	660
Domar	0	0	210	60/h	30/h	30/h	120/d	60/h	60/h	30/h	30/h	30/h	90/h	60/h	60/h	30/h	30/h	0	30/h	30/h	990
Abbas	0	0	180	30/h	30/h	60/h	30/h	30/h	60/h	30/h	30/h	30/h	180/d	30/h	60/h	180/d	30/h	30/h	0	150/d	1,170
Johar	0	0	180	60/h	30/h	90/h	30/h	30/h	60/h	30/h	30/h	30/h	210/d	30/h	60/h	90/h	30/h	30/h	150/d	0	1,170
TOTAL	1,440	2,610	2,700	1,620	1,170	1,080	1,530	960	1,800	990	1,170	810	2,700	1,200	1,170	1,200	660	990	1,170	1,170	28,140

D-6

Basic Data of Network Calculation

D-6 Basic Data of Network Calculation(Local Network Switching Unit Data List

(F/S)

Node No.	Unit No.	NWID Code	Unit Name	SW Class	SW A/D	Colocatic Code	Location (X)	(Y)	Remarks
1	SC1	A	Barze	SP	D	AA	37	48	
2	SC2	A	Jobar	SP	D	BB	39	46	
3	SC3	A	BabS1	SP	D	CC	39	43	
4	SC4	A	Mieda	SP	D	DD	37	41	
5	SC5	A	KefrS	SP	D	EE	35	42	
6	SC6	A	Mezz1	SP	D	FF	33	40	
7	SC7	A	Jalla	SP	D	GG	35	44	
8	PC1	A	Barze	SP	D	AA	37	48	
9	PC2	A	RokaA	P	D		35	46	
10	PC3	A	IbnAl	P	D		36	47	
11	PC4	A	Tall	P	D		34	56	
12	PC5	A	Munin	P	D		32	58	
13	PC6	A	Sydna	P	D		34	64	
14	PC7	A	Tawan	P	D		44	78	
15	PC8	A	Ranku	P	D		34	74	
16	PC9	A	Essal	P	D		34	84	
17	PC10	A	Hafee	P	D		44	71	
18	PC11	A	Hosha	P	D		36	81	
19	PC12	A	Jobar	SP	D	BB	39	46	
20	PC13	A	Bagd1	P	D	HH	37	45	
21	PC14	A	Bagd2	P	D	HH	37	45	
22	PC15	A	Abbas	P	D		38	47	
23	PC16	A	Zamal	P	D		41	46	
24	PC17	A	Doma	P	D		44	54	
25	PC18	A	Harst	P	D		38	51	
26	PC19	A	Dmeer	P	D		66	71	
27	PC20	A	Adraa	P	D		54	61	
28	PC21	A	Maaro	P	D		44	64	
29	PC22	A	Thaya	P	D		38	54	
30	PC23	A	Basel	P	D		53	64	
31	PC24	A	Shufe	P	D		46	56	
32	PC25	A	KfrBa	P	D		43	46	
33	PC26	A	BabS1	SP	D	CC	39	43	
34	PC27	A	BabS2	P	D	CC	39	43	
35	PC28	A	Nasse	P	D		36	43	
36	PC29	A	Dewel	P	D		38	44	
37	PC30	A	Jaram	P	D		41	44	
38	PC31	A	Nasha	P	D		54	49	
39	PC32	A	Abadi	P	D		61	54	
40	PC33	A	Mleha	P	D		43	44	
41	PC34	A	Mieda	SP	D	DD	37	41	
42	PC35	A	Yarmo	P	D		38	40	
43	PC36	A	Kadam	P	D		37	39	
44	PC37	A	Setey	P	D		38	37	
45	PC38	A	Babel	P	D		41	41	
46	PC39	A	Keswa	P	D		36	26	
47	PC40	A	Kozla	P	D		54	36	
48	PC41	A	Zakea	P	D		28	24	
49	PC42	A	Hejan	P	D		64	36	
50	PC43	A	Deral	P	D		46	21	
51	PC44	A	Basel	P	D		56	31	
52	PC45	A	KefrS	SP	D	EE	35	42	
53	PC46	A	Hench	P	D		11	16	
54	PC47	A	Sassa	P	D		21	14	
55	PC48	A	Kanak	P	D		26	14	
56	PC49	A	Beatg	P	D		9	14	
57	PC50	A	Kafar	P	D		14	19	
58	PC51	A	Kakla	P	D		16	16	
59	PC52	A	Danaj	P	D		19	9	
60	PC53	A	Mezz1	SP	D	FF	33	40	
61	PC54	A	Mez11	P	D	FF	33	40	
62	PC55	A	Mezz2	P	D		32	39	
63	PC56	A	Darya	P	D		34	36	
64	PC57	A	Katan	P	D		21	34	
65	PC58	A	Arlou	P	D		25	34	
66	PC59	A	Khana	P	D		24	24	
67	PC60	A	Schna	P	D		36	34	
68	PC61	A	Munda	P	D		27	36	
69	PC62	A	Rakhl	P	D		19	34	
70	PC63	A	Jalla	SP	D	GG	35	44	
71	PC64	A	Thawr	P	D		36	44	
72	PC65	A	Domar	P	D		31	43	
73	PC66	A	Moha1	P	D	II	34	44	
74	PC67	A	Moha2	P	D	II	34	44	
75	PC68	A	Hamah	P	D		27	46	
76	PC69	A	Fegi	P	D		24	52	
77	PC70	A	KoraA	P	D		18	44	
78	PC71	A	Dahle	P	D		24	44	

D-6 Basic Data of Network CalculationLocal Network Demand and Calling Rate(milierlang)

(F/S)

	RESIDENTIAL			BUSINESS			TRAFFIC(erl)		
	DEMAND	OG CR	IC CR	DEMAND	OG CR	IC CR	OG TRAFF	IC TRAFF	TOTAL
Barze	16,100	30.8	30.8	6,900	50.05	50.05	841.23	841.23	1,682.45
RoknA	11,200	30.8	30.8	4,800	50.05	50.05	585.2	585.2	1,170.40
IbnA1	8,400	30.8	30.8	3,600	50.05	50.05	438.9	438.9	877.8
Tall	10,397	30.8	30.8	4,456	50.05	50.05	543.26	543.26	1,086.51
Munin	2,840	22.4	22.4	710	36.4	36.4	89.46	89.46	178.92
Sydna	2,795	22.4	22.4	699	36.4	36.4	88.03	88.03	176.06
Tawan	568	22.4	22.4	142	36.4	36.4	17.89	17.89	35.78
Ranku	1,136	22.4	22.4	284	36.4	36.4	35.78	35.78	71.57
Essal	1,420	22.4	22.4	355	36.4	36.4	44.73	44.73	89.46
Hafee	568	22.4	22.4	142	36.4	36.4	17.89	17.89	35.78
Hosha	568	22.4	22.4	142	36.4	36.4	17.89	17.89	35.78
Jobar	15,470	30.8	30.8	6,630	50.05	50.05	808.31	808.31	1,616.62
Bagd1	14,755	30.8	30.8	7,945	50.05	50.05	852.1	852.1	1,704.20
Bagd2	12,675	30.8	30.8	6,825	50.05	50.05	731.98	731.98	1,463.96
Abbas	15,470	30.8	30.8	6,630	50.05	50.05	808.31	808.31	1,616.62
Zamal	12,425	30.8	30.8	5,325	50.05	50.05	649.21	649.21	1,298.41
Doma	13,419	30.8	30.8	5,751	50.05	50.05	701.14	701.14	1,402.29
Harst	9,940	30.8	30.8	4,260	50.05	50.05	519.37	519.37	1,038.73
Dmeer	2,272	22.4	22.4	568	36.4	36.4	71.57	71.57	143.14
Adraa	1,704	22.4	22.4	426	36.4	36.4	53.68	53.68	107.35
Maaro	568	22.4	22.4	142	36.4	36.4	17.89	17.89	35.78
Thaya	1,704	22.4	22.4	426	36.4	36.4	53.68	53.68	107.35
Basel	1,136	22.4	22.4	284	36.4	36.4	35.78	35.78	71.57
Shufe	568	22.4	22.4	142	36.4	36.4	17.89	17.89	35.78
KfrBa	1,704	22.4	22.4	426	36.4	36.4	53.68	53.68	107.35
BabS1	10,150	30.8	30.8	4,350	50.05	50.05	530.34	530.34	1,060.68
BabS2	5,250	30.8	30.8	2,250	50.05	50.05	274.31	274.31	548.63
Nasse	23,340	30.4	30.4	15,560	49.4	49.4	1,478.20	1,478.20	2,956.40
Dewel	15,400	30.8	30.8	6,600	50.05	50.05	804.65	804.65	1,609.30
Jaram	7,455	30.8	30.8	3,195	50.05	50.05	389.52	389.52	779.05
Nasha	3,081	22.4	22.4	770	36.4	36.4	97.05	97.05	194.09
Abadi	568	22.4	22.4	142	36.4	36.4	17.89	17.89	35.78
Mieha	2,840	22.4	22.4	710	36.4	36.4	89.46	89.46	178.92
Mieda	16,100	30.8	30.8	6,900	50.05	50.05	841.23	841.23	1,682.45
Yarmo	16,100	30.8	30.8	6,900	50.05	50.05	841.23	841.23	1,682.45
Kadam	14,000	30.8	30.8	6,000	50.05	50.05	731.5	731.5	1,463.00
Sebey	14,000	30.8	30.8	6,000	50.05	50.05	731.5	731.5	1,463.00
Babel	7,455	30.8	30.8	3,195	50.05	50.05	389.52	389.52	779.05
Keswa	3,647	22.4	22.4	912	36.4	36.4	114.87	114.87	229.73
Kozla	852	22.4	22.4	213	36.4	36.4	26.84	26.84	53.68
Zakea	1,704	22.4	22.4	426	36.4	36.4	53.68	53.68	107.35
Hejan	568	22.4	22.4	142	36.4	36.4	17.89	17.89	35.78
Deral	568	22.4	22.4	142	36.4	36.4	17.89	17.89	35.78
Basel	568	22.4	22.4	142	36.4	36.4	17.89	17.89	35.78
KefrS	16,100	30.8	30.8	6,900	50.05	50.05	841.23	841.23	1,682.45
Heneh	568	22.4	22.4	142	36.4	36.4	17.89	17.89	35.78
Sassa	852	22.4	22.4	213	36.4	36.4	26.84	26.84	53.68
Kanak	852	22.4	22.4	213	36.4	36.4	26.84	26.84	53.68
Beatg	1,136	22.4	22.4	284	36.4	36.4	35.78	35.78	71.57
Kafar	852	22.4	22.4	213	36.4	36.4	26.84	26.84	53.68
Kakla	568	22.4	22.4	142	36.4	36.4	17.89	17.89	35.78
Danaj	568	22.4	22.4	142	36.4	36.4	17.89	17.89	35.78
Mezz1	9,100	30.8	30.8	3,900	50.05	50.05	475.48	475.48	950.95
Mezl1	7,000	30.8	30.8	3,000	50.05	50.05	365.75	365.75	731.5
Mezz2	14,000	30.8	30.8	6,000	50.05	50.05	731.5	731.5	1,463.00
Darya	7,455	30.8	30.8	3,195	50.05	50.05	389.52	389.52	779.05
Katan	3,408	22.4	22.4	852	36.4	36.4	107.35	107.35	214.7
Antou	3,976	22.4	22.4	994	36.4	36.4	125.24	125.24	250.49
Khana	1,704	22.4	22.4	426	36.4	36.4	53.68	53.68	107.35
Schna	4,976	22.4	22.4	1,244	36.4	36.4	156.73	156.73	313.47
Muada	2,272	22.4	22.4	568	36.4	36.4	71.57	71.57	143.14
Rakhl	568	22.4	22.4	142	36.4	36.4	17.89	17.89	35.78
Jalla	18,655	30.8	30.8	10,045	50.05	50.05	1,077.33	1,077.33	2,154.65
Thawr	13,020	30.4	30.4	8,680	49.4	49.4	824.6	824.6	1,649.20
Domar	13,930	30.8	30.8	5,970	50.05	50.05	727.84	727.84	1,455.69
Moha1	8,515	30.8	30.8	4,585	50.05	50.05	491.74	491.74	983.48
Moha2	7,700	30.8	30.8	3,300	50.05	50.05	402.33	402.33	804.65
Hamah	5,467	30.8	30.8	2,343	50.05	50.05	285.65	285.65	571.3
Fegi	4,499	22.4	22.4	1,125	36.4	36.4	141.7	141.7	283.41
KoraA	3,885	22.4	22.4	971	36.4	36.4	122.38	122.38	244.76
Dahie	1,704	22.4	22.4	426	36.4	36.4	53.68	53.68	107.35
TOTAL	456,777	-	-	198,573	-	-	23193.47	23193.47	46,386.88

D-6 Basic Data of Network Calculation(Local Network Switching Unit Data List)

(D/P)

Node No.	Unit No.	NWID Code	Unit Name	SW Class	SW A/D	Colocati Code	Location (X)	(Y)	Remarks
1	SC1	A	Barze	SP	D	AA	37	48	
2	SC2	A	Jobar	SP	D	BB	39	46	
3	SC3	A	BabS1	SP	D	CC	39	43	
4	SC4	A	Mieda	SP	D	DD	37	41	
5	SC5	A	KefrS	SP	D	EE	35	42	
6	SC6	A	Mezz1	SP	D	FF	33	40	
7	SC7	A	Jalla	SP	D	GG	35	44	
8	PC1	A	Barze	SP	D	AA	37	48	
9	PC2	A	RoknA	P	D		35	46	
10	PC3	A	IbnA1	P	D		36	47	
11	PC4	A	Talt	P	D		34	56	
12	PC5	A	Munin	P	D		32	58	
13	PC6	A	Sydna	P	D		34	64	
14	PC7	A	Tawan	P	D		44	78	
15	PC8	A	Ranku	P	D		34	74	
16	PC9	A	Essal	P	D		34	84	
17	PC10	A	Hafee	P	D		44	71	
18	PC11	A	Hosha	P	D		36	81	
19	PC12	A	Jobar	SP	D	BB	39	46	
20	PC13	A	Bagd1	P	D	HH	37	45	
21	PC14	A	Bagd2	P	D	HH	37	45	
22	PC15	A	Abbas	P	D		38	47	
23	PC16	A	Zamal	P	D		41	46	
24	PC17	A	Deima	P	D		44	54	
25	PC18	A	Harsi	P	D		38	51	
26	PC19	A	Dmeer	P	D		66	71	
27	PC20	A	Adraa	P	D		54	61	
28	PC21	A	Maaro	P	D		44	64	
29	PC22	A	Thaya	P	D		38	54	
30	PC23	A	Basel	P	D		53	64	
31	PC24	A	Shufe	P	D		46	56	
32	PC25	A	KfrBa	P	D		43	46	
33	PC26	A	BabS1	SP	D	CC	39	43	
34	PC27	A	BabS2	P	D	CC	39	43	
35	PC28	A	Nasse	P	D		36	43	
36	PC29	A	Dewel	P	D		38	44	
37	PC30	A	Jaram	P	D		41	44	
38	PC31	A	Nasha	P	D		54	49	
39	PC32	A	Abadi	P	D		61	54	
40	PC33	A	Mleha	P	D		43	44	
41	PC34	A	Mieda	SP	D	DD	37	41	
42	PC35	A	Yarmo	P	D		38	40	
43	PC36	A	Kadam	P	D		37	39	
44	PC37	A	Sebey	P	D		38	37	
45	PC38	A	Babel	P	D		41	41	
46	PC39	A	Keswa	P	D		36	26	
47	PC40	A	Kozla	P	D		51	36	
48	PC41	A	Zakea	P	D		28	24	
49	PC42	A	Hejaa	P	D		64	36	
50	PC43	A	Deral	P	D		46	21	
51	PC44	A	Basel	P	D		56	31	
52	PC45	A	KefrS	SP	D	EE	35	42	
53	PC46	A	Hench	P	D		11	16	
54	PC47	A	Sassa	P	D		21	14	
55	PC48	A	Kanak	P	D		26	14	
56	PC49	A	Beatg	P	D		9	14	
57	PC50	A	Kafar	P	D		14	19	
58	PC51	A	Kakla	P	D		16	16	
59	PC52	A	Danaj	P	D		19	9	
60	PC53	A	Mezz1	SP	D	FF	33	40	
61	PC54	A	Mezl1	P	D	FF	33	40	
62	PC55	A	Mezz2	P	D		32	39	
63	PC56	A	Darya	P	D		34	36	
64	PC57	A	Katan	P	D		21	34	
65	PC58	A	Artou	P	D		25	34	
66	PC59	A	Khana	P	D		24	24	
67	PC60	A	Sehna	P	D		36	34	
68	PC61	A	Muada	P	D		27	35	
69	PC62	A	Rakhl	P	D		19	34	
70	PC63	A	Jalla	SP	D	GG	35	44	
71	PC64	A	Thawr	P	D		36	44	
72	PC65	A	Domar	P	D		31	43	
73	PC66	A	Moha1	P	D	II	34	44	
74	PC67	A	Moba2	P	D	II	34	44	
75	PC68	A	Hamah	P	D		27	46	
76	PC69	A	Fegl	P	D		24	52	
77	PC70	A	KoraA	P	D		18	44	
78	PC71	A	Dahie	P	D		24	44	

D-6 Basic Data of Network Calculation(Local Network Demand and Calling Rate(milierlang))

(D/P)

	RESIDENTIAL			BUSINESS			TRAFFIC(erl)		
	DEMAND	OG CR	IC CR	DEMAND	OG CR	IC CR	OG TRF	IC TRF	TOTAL
Barze	21,000	30.8	30.8	9,000	50.05	50.05	1,097.25	1,097.25	2,194.50
RoknA	14,000	30.8	30.8	6,000	50.05	50.05	731.5	731.5	1,463.00
IbnAl	10,500	30.8	30.8	4,500	50.05	50.05	548.63	548.63	1,097.25
Tall	14,644	30.8	30.8	6,276	50.05	50.05	765.15	765.15	1,530.30
Munin	4,000	22.4	22.4	1,000	36.4	36.4	126	126	252
Sydna	3,936	22.4	22.4	984	36.4	36.4	123.98	123.98	247.97
Tawan	800	22.4	22.4	200	36.4	36.4	25.2	25.2	50.4
Ranku	1,600	22.4	22.4	400	36.4	36.4	50.4	50.4	100.8
Essal	2,000	22.4	22.4	500	36.4	36.4	63	63	126
Hafee	800	22.4	22.4	200	36.4	36.4	25.2	25.2	50.4
Hosha	800	22.4	22.4	200	36.4	36.4	25.2	25.2	50.4
Jobar	21,000	30.8	30.8	9,000	50.05	50.05	1,097.25	1,097.25	2,194.50
Bagd1	19,500	30.8	30.8	10,500	50.05	50.05	1,126.13	1,126.13	2,252.25
Bagd2	13,000	30.8	30.8	7,000	50.05	50.05	750.75	750.75	1,501.50
Abbas	21,000	30.8	30.8	9,000	50.05	50.05	1,097.25	1,097.25	2,194.50
Zamal	17,500	30.8	30.8	7,500	50.05	50.05	914.38	914.38	1,828.75
Doma	18,900	30.8	30.8	8,100	50.05	50.05	987.53	987.53	1,975.05
Harst	14,000	30.8	30.8	6,000	50.05	50.05	731.5	731.5	1,463.00
Dmeer	3,200	22.4	22.4	800	36.4	36.4	100.8	100.8	201.6
Adraa	2,400	22.4	22.4	600	36.4	36.4	75.6	75.6	151.2
Maaro	800	22.4	22.4	200	36.4	36.4	25.2	25.2	50.4
Thaya	2,400	22.4	22.4	600	36.4	36.4	75.6	75.6	151.2
Basel	1,600	22.4	22.4	400	36.4	36.4	50.4	50.4	100.8
Shufe	800	22.4	22.4	200	36.4	36.4	25.2	25.2	50.4
KfrBa	2,400	22.4	22.4	600	36.4	36.4	75.6	75.6	151.2
BabS1	14,000	30.8	30.8	6,000	50.05	50.05	731.5	731.5	1,463.00
BabS2	5,600	30.8	30.8	2,400	50.05	50.05	292.6	292.6	585.2
Nasse	24,000	30.4	30.4	16,000	49.4	49.4	1,520.00	1,520.00	3,040.00
Dewel	19,600	30.8	30.8	8,400	50.05	50.05	1,024.10	1,024.10	2,048.20
Jaram	10,500	30.8	30.8	4,500	50.05	50.05	548.63	548.63	1,097.25
Nasha	4,339	22.4	22.4	1,085	36.4	36.4	136.68	136.68	273.37
Abadi	800	22.4	22.4	200	36.4	36.4	25.2	25.2	50.4
Mleha	4,000	22.4	22.4	1,000	36.4	36.4	126	126	252
Mieda	21,000	30.8	30.8	9,000	50.05	50.05	1,097.25	1,097.25	2,194.50
Yamno	21,000	30.8	30.8	9,000	50.05	50.05	1,097.25	1,097.25	2,194.50
Kadam	17,500	30.8	30.8	7,500	50.05	50.05	914.38	914.38	1,828.75
Sebey	17,500	30.8	30.8	7,500	50.05	50.05	914.38	914.38	1,828.75
Babel	10,500	30.8	30.8	4,500	50.05	50.05	548.63	548.63	1,097.25
Keswa	5,136	22.4	22.4	1,284	36.4	36.4	161.78	161.78	323.57
Kozla	1,200	22.4	22.4	300	36.4	36.4	37.8	37.8	75.6
Zakea	2,400	22.4	22.4	600	36.4	36.4	75.6	75.6	151.2
Hejan	800	22.4	22.4	200	36.4	36.4	25.2	25.2	50.4
Deral	800	22.4	22.4	200	36.4	36.4	25.2	25.2	50.4
Basel	800	22.4	22.4	200	36.4	36.4	25.2	25.2	50.4
KefrS	21,000	30.8	30.8	9,000	50.05	50.05	1,097.25	1,097.25	2,194.50
Hench	800	22.4	22.4	200	36.4	36.4	25.2	25.2	50.4
Sassa	1,200	22.4	22.4	300	36.4	36.4	37.8	37.8	75.6
Kanak	1,200	22.4	22.4	300	36.4	36.4	37.8	37.8	75.6
Beatg	1,600	22.4	22.4	400	36.4	36.4	50.4	50.4	100.8
Kafar	1,200	22.4	22.4	300	36.4	36.4	37.8	37.8	75.6
Kakfa	800	22.4	22.4	200	36.4	36.4	25.2	25.2	50.4
Danaj	800	22.4	22.4	200	36.4	36.4	25.2	25.2	50.4
Mezz1	10,500	30.8	30.8	4,500	50.05	50.05	548.63	548.63	1,097.25
Mez11	10,500	30.8	30.8	4,500	50.05	50.05	548.63	548.63	1,097.25
Mezz2	17,500	30.8	30.8	7,500	50.05	50.05	914.38	914.38	1,828.75
Darya	10,500	30.8	30.8	4,500	50.05	50.05	548.63	548.63	1,097.25
Katan	4,800	22.4	22.4	1,200	36.4	36.4	151.2	151.2	302.4
Artou	5,600	22.4	22.4	1,400	36.4	36.4	176.4	176.4	352.8
Khana	2,400	22.4	22.4	600	36.4	36.4	75.6	75.6	151.2
Sehna	7,008	22.4	22.4	1,752	36.4	36.4	220.75	220.75	441.5
Muada	3,200	22.4	22.4	800	36.4	36.4	100.8	100.8	201.6
Rakhl	800	22.4	22.4	200	36.4	36.4	25.2	25.2	50.4
Jalla	19,500	30.8	30.8	10,500	50.05	50.05	1,126.13	1,126.13	2,252.25
Thawr	18,000	30.4	30.4	12,000	49.4	49.4	1,140.00	1,140.00	2,280.00
Domar	17,500	30.8	30.8	7,500	50.05	50.05	914.38	914.38	1,828.75
Moha1	13,000	30.8	30.8	7,000	50.05	50.05	750.75	750.75	1,501.50
Moha2	7,700	30.8	30.8	3,300	50.05	50.05	402.33	402.33	804.65
Hamah	7,700	30.8	30.8	3,300	50.05	50.05	402.33	402.33	804.65
Fegi	6,336	22.4	22.4	1,584	36.4	36.4	199.58	199.58	399.17
KoraA	5,472	22.4	22.4	1,368	36.4	36.4	172.37	172.37	344.74
Dabie	2,400	22.4	22.4	600	36.4	36.4	75.6	75.6	151.2
TOTAL	593,071	-	-	254,633	-	-	29,872.42	29,872.42	59,744.72

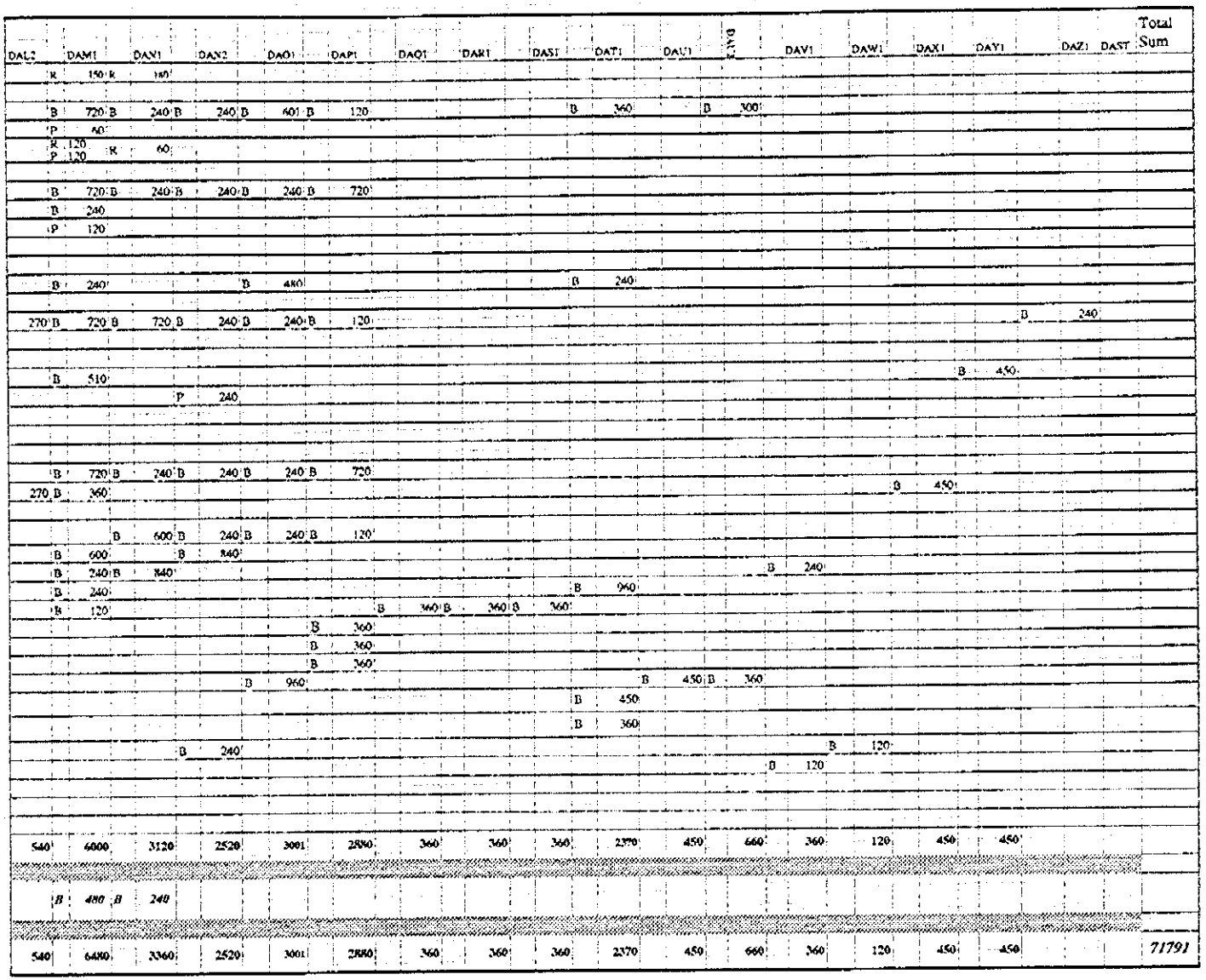
D-7

Existing Number of Circuits

D-7 Existing Number of Circuits(1/2)

		DAA1	DAA2	DAB1	DAC1	DAC3	DAD1	DAD2	DAD3	DAE1	DAF1	DAG1	DAG3	DAH1	DAH2	DAH3	DAI1	DAI2	DAJ1	DAU1	DAU2	DAV1	DAK1	DAL1
DAA1			270				R 120	R 120					R 120	R 120									R 180	R 180
DAA2	Al Thawreh																							
DAB1	Al jala'a	R 270	B 960	P 210	R 120	P 180	B 600	B 240	P 180	P 150	R 200	B 960	R 105	B 720			B 360						B 720	B 480
DAC1			P 150				P 60							P 60									P 60	P 30
DAC3			90 R 150				R 60							R 60										R 60
DAD1							P 300																B 720	B 480
DAD2	Al Mezreb	R 119	B 600	P 60	R 60	P 660	B 330	P 120				B 360		B 720									B 600	
DAD3	Al Meizeh	R 120	B 240				B 330							B 240										
DAE1			P 90																					P 120
DAF1			P 120				P 120																	
DAG1			R 375									R 120											B 240	
DAG3	Al Muhajerien	R 120	B 960				B 360				R 120			B 240										
DAH1			R 165											R 330										
DAH2	Bab Sharki	R 180	B 60 B 720	P 60	R 60		B 720	B 240				B 240	R 336		B 360								B 720	B 480 B
DAH3	Garamana													B 360										
DAI1																		210						
DAI2			B 360																					
DAJ1																								
DAJ11																								
DAJ12																								
DAJ15																								B 260
DAK1	Kafr Soseh	R 180	B 960 B	720 P	60		B 720	B 600				B 240		B 720									D 960	B
DAL1	Al Yarmouk	R 180	B 480	P 30	R 60		D 480			P 120				B 480										
DAL2	Babelleh													B 120										
DAM1	Barzeh	R 150	B 60 B	720 P	60	R P 120	B 720	B 240	P 120			B 240		B 720			B 510						B 720	B 360
DAN1	Zamalkeh	R 180	B 240		R 60		B 240							B 720									B 240	
DAN2	Harasteh		B 240				B 240							B 240					P 320	P 120	P 10		B 240	
DAO1	Dummer		B 600				B 240					B 480		B 240									B 240	
DAP1	Darayeh		B 120				B 720							B 120									B 720	
DAQ1	Katana																							B 480
DAR1	Qadeidet Artouz																							B 480
DAS1	Sahnaya																							B 450
DAT1	Kudsaya		B 360									B 240												
DAU1	Dimas																							
DAU2	Al Fijeh																							
DAV1	Adra																							
DAW1	AlDumeir																							
DAX1	Al Kuriweh																							
DAY1	Sindnaya																	0 450						
DAZ1	Al nashabeyeh													B 240										
Sub Total		1499	2400	7410	480	600	6030	1770	300	390	320	3000	441	6450	360		1530		320	120	10		6360	3960
DAST		B 120	B 360				B 360	B 90				B 360		B 360									B 480	B 450
SUM		1499	2520	7770	480	600	6390	1860	300	390	320	3360	441	6810	360		1530		320	120	10		6840	4310

D-7 Existing Number of Circuits(1/2)



DAL2	DAM1	DAN1	DAN2	DAO1	DAP1	DAQ1	DAR1	DAS1	DAT1	DAU1	DAV1	DAW1	DAX1	DAY1	DAZ1	DAS1	Total Sum
R 150	R 180																
B 720	B 240	B 240	B 600	B 120				B 360		B 300							
P 60																	
R 120																	
P 120	R 60																
B 720	B 240	B 240	B 240	B 720													
B 240																	
P 120																	
B 240		B 480						B 240									
270 B	720 B	720 B	240 B	240 B	120									B 240			
B 510													B 450				
	P 240																
B 720	B 240	B 240	B 240	B 720													
270 B 360													B 450				
	B 600	B 240	B 240	B 120													
B 600	B 840										B 240						
B 240	B 840																
B 240								B 960									
B 120					B 360	B 360	B 360	B 360									
				B 360													
				B 360													
				B 360													
			B 960						B 450	B 450	B 360						
								B 450									
								B 360									
		B 240										B 120					
											B 120						
540	6000	3120	2520	3001	2880	360	360	360	2370	450	660	360	120	450	450		
B 480	B 240																
540	6480	3360	2520	3001	2880	360	360	360	2370	450	660	360	120	450	450		71791

D-7 Existing Number of Circuits(2/2)

Station	Signal Type			Direction		N.O
	B	P	R	Incoming	Outgoing	
AHB12			R		O	5
ALST			R		O	135
ALST2			R	I		135
BNAA27	B					120
DAA12			R		O	238
DAA12			R	I		300
DAB1	B					60
DAC1		P			O	179
DAC1		P		I		180
DAC3			R		O	90
DAC3			R	I		90
DAD1		P		I		90
DAD2	B					360
DAD3	B					90
DAE1		P			O	90
DAE1		P		I		90
DAF1		P			O	105
DAF1		P		I		150
DAG1			R	O		45
DAG1			R	I		45
DAG3	B					60
DAH1			R		O	60
DAH1			R	I		60
DAH2	B					353
DAH1		P		I		30
DAIT	B					2220
DAJ1		P		I		15
DAK1	B					480
DAL1	B					480
DAM1	B					480
DAN1	B					240
DAZAA		P			O	41
DAZAA		P		I		12
DAZAD			R		O	42
DAZAD			R	I		64
DEA12			R	I		45
DEA12			R		O	45
DRB12			R		O	30
DRB12			R	I		26
DRB17	B					180
HAS12			R	I		7
HAST2			R	I		54
HAST2			R		O	35
HAST7	B					270
HOST2			R	I		75
HOST2			R		O	75
HOST7	B					780
LAST	B					450
LAST2			R		O	75
LAST7	B					450
MX3C	B					90
MXA1			R	I		60
MXA1			R		O	60
QUA17	B					120
SWB12			R	I		30
SWB12			R		O	28
SWB17	B					60
TAA1P		P		I		10
TAB12			R	I		45
TAB12			R		O	36
TAB17	B					150

D-8

Existing Routes

Existing Routes to Damascus STD from Local Exchanges in Damascus city/rural area

1. Direct route to Damascus STD

Local Exchange	Num	Notes
Al Nasser	538	
Al Thawra	0	
Kefr Souseh	480	
Al mohajrin G1	90	
Al mohajrin G3	60	
Jaffaa	60	
Bab sharki	473	
Mezzeh # 1	90	
Mezzeh # 2	360	
Mezzeh # 3	90	
Al Miedan	255	
Al Yarmouk	480	
Rokn Al Dien	180	
Barzeh	480	
Bagdad C1 + C2	359	
Bagdad C3	180	
Zamalka	240	
Dewelaah		Not Installed
Al Kadam		Not Installed
Al Sebeyneh		Not Installed
Ibn Al Amied		Not Installed
Al Abbaseyen		Not Installed
Jobar		Not Installed

2. Indirect route with priority to Damascus STD

Via Exchange		Local Exchange
First Choice	Second choice	
Kefer Suuseh	---	Daryah
Al Mohajrin	Al Jaffaa	Domar
		Al Hamah
		Kora Alassad (Al Demas)
		Al Fegi
Bab Sharki (H2)	---	Jaramana
		Al Nashabeh
Bab Sharki (H1)	---	Mlehaa
Mazzeh # 1	Daryah	Katana
		Artouse
		Sehnaya
Al Yarmouk	---	Babela
		Keswa
Barzeh	Al Jaffaa	Tali
		Sydnaya
Zamalka	Harsta	Doma
		Adraa
Zamalka	Al Jaffaa	Harsta
	Adraa	Aldmeer

3. Indirect route without priority to Damascus STD

Via Exchange1	Via Exchange2	Local Exchange
Al Jalaa	Al feji	Wadi Barada
Al Jalaa	Kora Alassad	Yabos
Bab Sharki	Al Nashabeh	Haran Al Awameed
		Al Otebeeh
Bab Sharki	---	Kozlanea
Bab Sharki	Bebela	Hejanee
Mezzeh # 1	Sehnaya	Arneh
		Jandal
Al Yarmouk	Keswa	zakeah
		Der Ali
Barzeh	Sydmaya	Halbon
		Munin
		Tawani
		Hafeer Foka
		Essal Alward
		Hosharab
Mezzeh#1	Artouse	Heneh
		Sassaa
		Kanaker
		Beatgen
		Kafar Haour
		Khan Al sheh
Nabek	---	Meshrfeh
Nabek	Kottefeh	Muadameh
Zamalka	Harasta	Shufenia
Nabek	Maaloula	Gub Adien
Zamalka	Harasta	Thayat Al Assad

DAA1	Al Nasser(NEAX)	
DAA2	Al Thawra	
DAB1	Jalaa	
DAC1	Bagdad(EMD)	
DAC3	Bagdad(NEAX)	
DAD1	Mezzeh(EMD)	
DAD2	Mezzeh	
DAD3	Mezzeh	
DAE1	Rokn Al Dien(EMD)	
DAF1	Al Miedan(EMD)	
DAG1	Al Mohajrin(E10A)	
DAG3	Al Mohajrin	
DAH1	Bab Sharki(E10A)	
DAH2	Bab Sharki	
DAH3	G(J)aramana	rural area
DAI1		
DAI2	Tall	rural area
DAJ1		
DAJ11		
DAJ12		
DAJ15		
DAK1	Kefr Souseh	
DAL1	Al Yarmouk	
DAL2	Babelleh	rural area
DAM1	Barzeh	
DAN1	Zamalkeh	rural area
DAN2	Harasteh	rural area
DAO1	Domar	
DAP1	Darayeh	rural area
DAQ1	Katana	rural area
DAR1	Gedeidet Artouz	rural area
DAS1	Sahnaya	rural area
DAT1	Kudsaya	rural area
DAU1	Dimas	rural area
DAU2	Al Fijeh	rural area
DAV1	Adra	rural area
DAW1	AlDumeir	rural area
DAX1	Al Kesweh	rural area
DAY1	Siednaya	rural area
DAZ1	Al nashabeyeh	rural area

Direct Route to damascus STD

Toll Exchange	Local Exchange	Notes
Damascus STD	Al Nasser	
	Al Thawra	
	Kefr Souseh	
	Al mohajrin G1	
	Al mohajrin G3	
	Jallaa	
	Bab sharki	
	Mazzeh # 1	
	Mazzeh # 2	
	Mazzeh # 3	
	Al Miedan	
	Al Yarmouk	
	Rokn Al Dien	
	Barzeh	
	Bagdad C1 + C2	
	Bagdad C3	
	Zamalka	
	Dewelaah	Not Installed
	Al Kadam	Not Installed
	Al Sebeyneh	Not Installed
	Ibn Al Amied	Not Installed
	Al Abbaseyen	Not Installed
	Jobar	Not Installed

Indirect Route to Damascus STD

Toll Exchange	Via Exchange	Via Exchange	Local Exchange
	First Choice	*Second Exchange*	
Damascus STD	Kefer Suuseh	-	Daryah
	Al Mohajrin	Al Jallaa	Domar Al Hamah Kora Alassad (Al Dimas) Al Fegi
	Bab Sharki (H2)		Jaramana Al Nashabeh
	Bab Sharki (H1)		Mlehaa
	Mazzeh # 1	Daryah	Katana Artouse Sehnaya
	Al Yarmouk	-	Babela Keswa
	Barzeh	Al Jallaa	Tall Sydnaya
	Zamalka	Harsta	Doma Adraa
	Zamalka	Al Jallaa	Harsta
		Adraa	Aldmeer

Indirect Route to Damascus STD

Toll Exchange	Via Exchange	Via Exchange	Local Exchange
Damascus STD	Al Jaalaa	Al feji	Wadi Barada
	Al Jaalaa	Kora Alassad	Yabos
	Bab Sharki	Al Nashabeh	Haran Al Awameed Al Otebeeh
	Bab Sharki	_	Kozlanea
	Bab Sharki	Bebela	Hejanee
	Mezzeh # 1	Sehnaya	Arneh Jandal
	Al Yarmouk	Keswa	zamalka Der Ali
	Barzeh	Sydnaya	Halbon Munin Tawani Hafeer Foka Essal Alward Hosharab
	Mazzeh # 1	Arouse	Heneh Sassaa Kanaker Beatgen Kafar Haour Khan Al sheh
	Nabek	_	Meshrfeh
	Nabek	Kottefeh	Muadameh
	Zamalka	Harasta	Shufenia
	Nabek	Maaloula	Gub Adien
	Zamalka	Harasta	Thayat Al Assad

D-9

Connections Circuits Between Exchanges in Damascus City and it's Rural

Maintenance and Operation Centers

OMC

Connections Circuits

Between Exchanges

in Damascus City and It's Rural

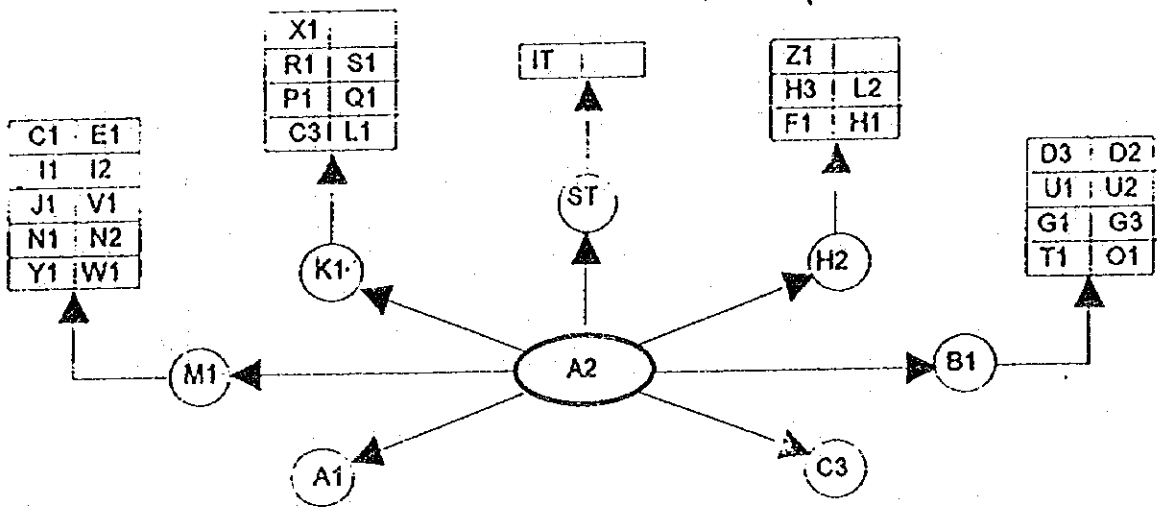
Exchange Code	Name of the Exchange	Page No.
DAA2	Al Thawreri	1
DAB2	Al Jalaa	2
DAD2	Al Mezeh	3
DAG3	Al Muhajerier	5
DAH2	Bab Sharki	6
DAH3	Garamana (Jaramano)	7
DAZ1	Al Nashabeyeh	
DAK1	Kafr Suseh	8
DAL1	Al Yarmouk	9
DAL2	Babellen	10
DAM1	Barzeh	11
DAN1	Zamalka	12
DAN2	Harasza	13
DAO1	Dummer	14
DAP1	Darayeh	15
DAR1	Gedeidet Arzouz	16
DAQ1	Katana	
DAX1	Al Kesweh	17
DAS1	Sahnaya	
DAT1	Kudsaya	18
DAW1	Dumeir	19
DAV1	Adra	
DAY1	Siednaya	20
DAST	National Dial	21
DAU1 & DAU2	Dimas & Fiejeh	22

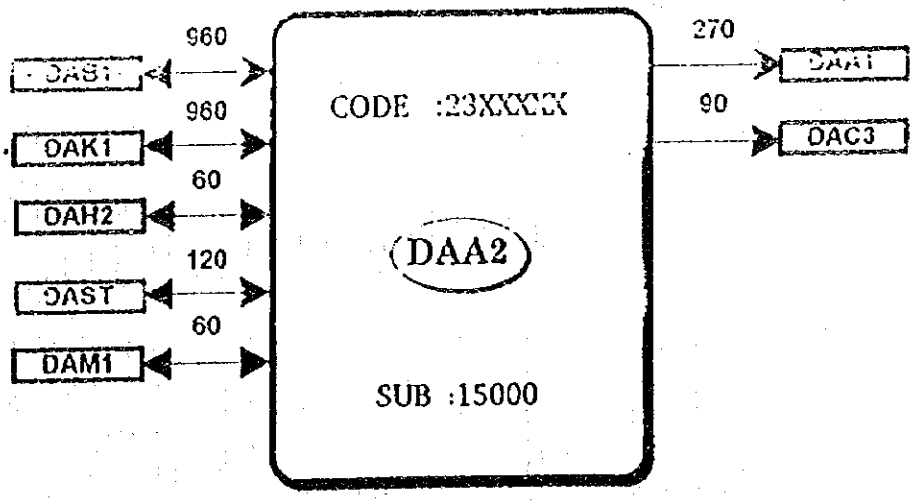
Maintenance and Operation Center

O.M.C مركز التشغيل والصيانة

دارات ربط مهتسو الثورة وأفضليات المرور

ALThoureh Exchange Connection Circuits And the Traffic priorities



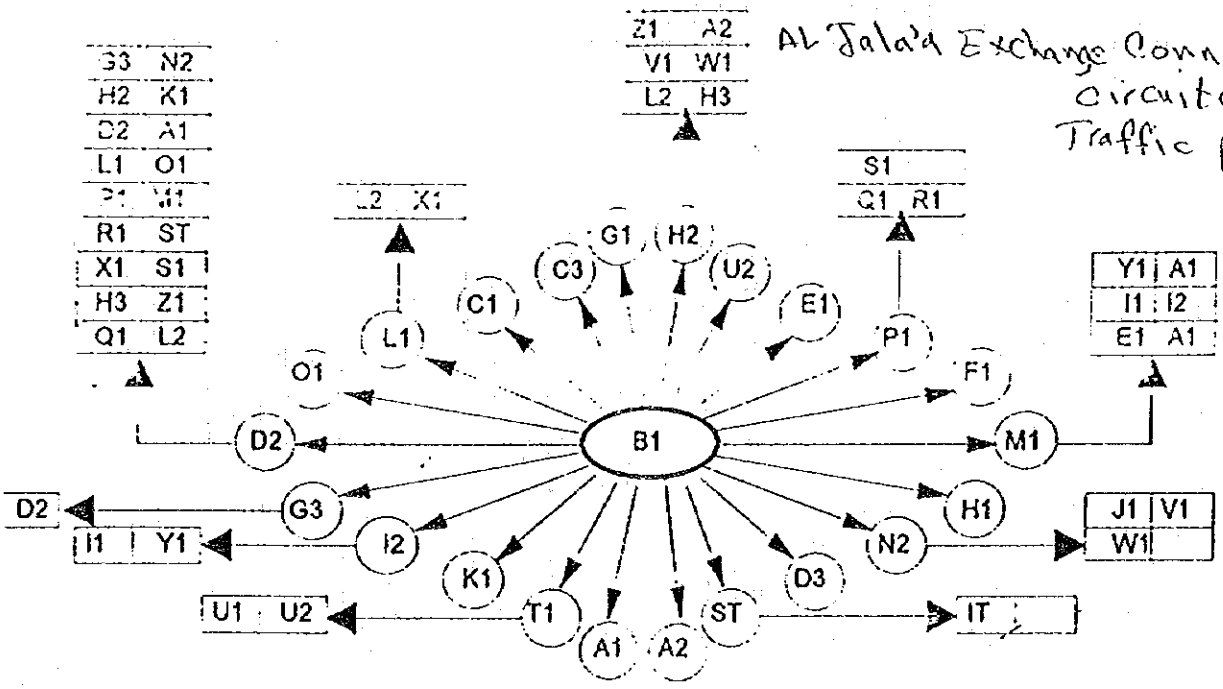


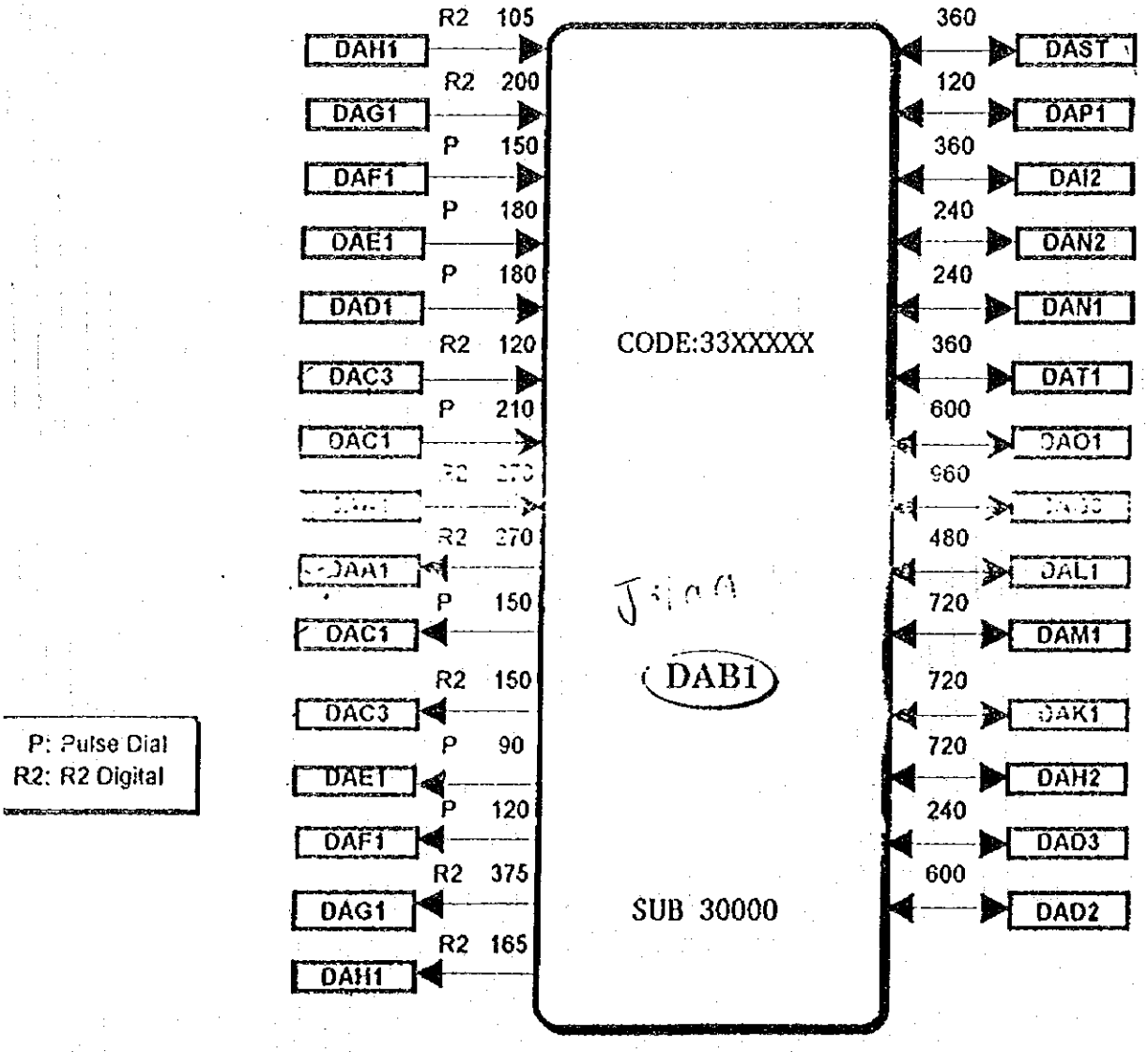
0113 مركز التشغيل والصيانة بدمشق

Maintenance and Operation Center in Damascus

مخططات ربط مقسم الجلاء وأفضليات المرور

Al Jala'a Exchange Connection circuits & Traffic priorities

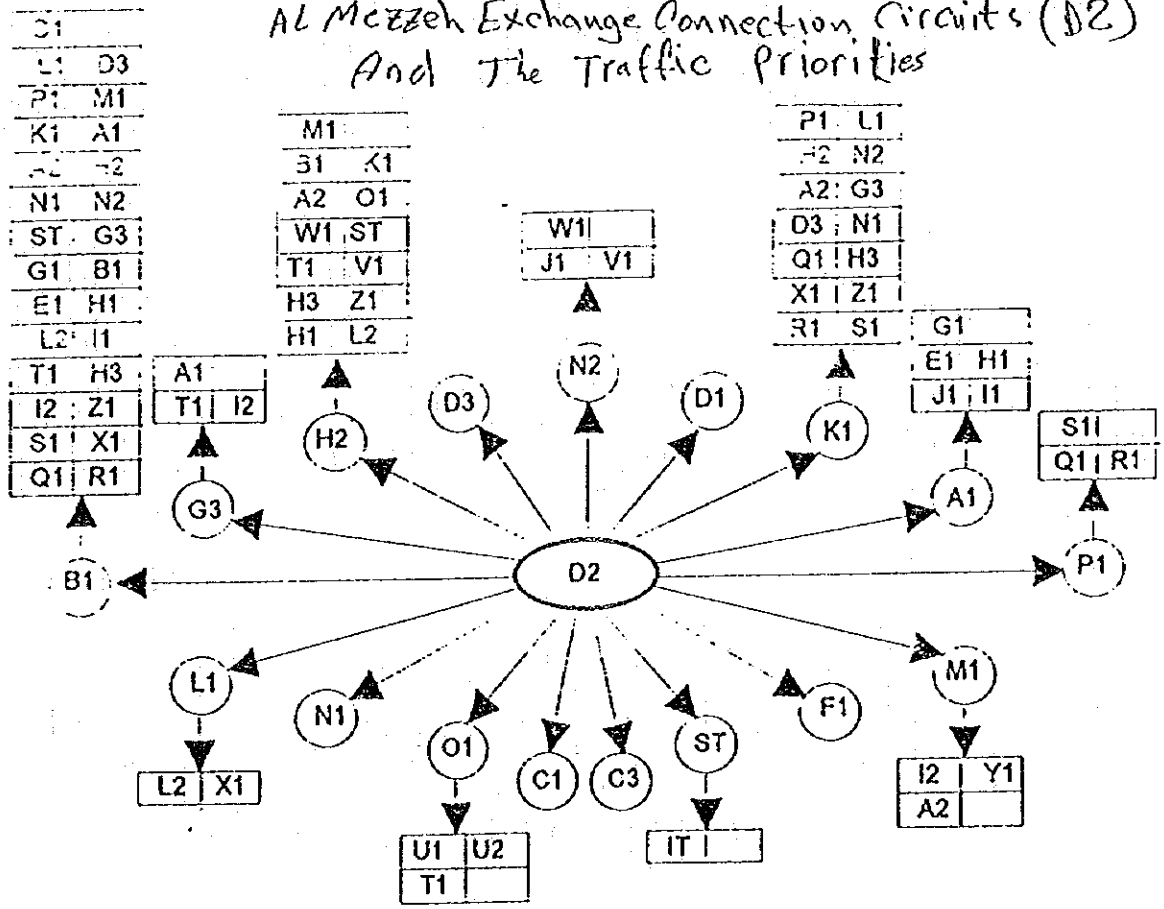


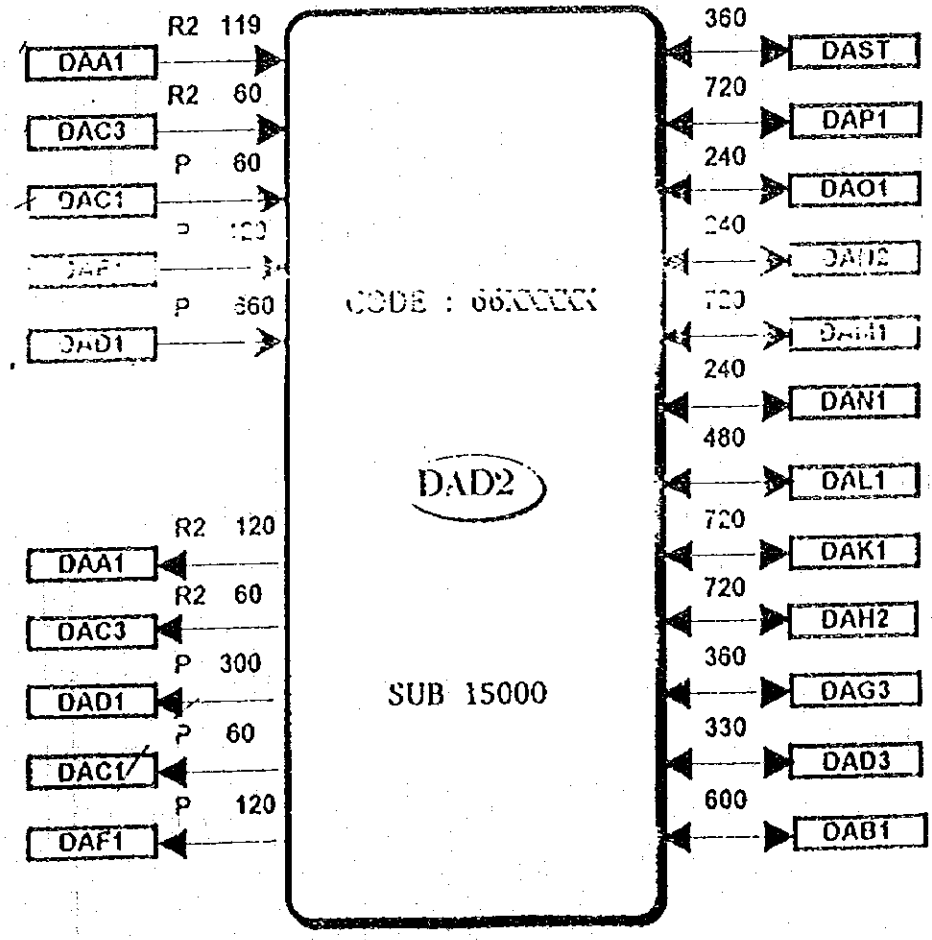


P: Pulse Dial
R2: R2 Digital

خارطة ربط مقسم المزة 02 والأفضلية المرور

AL Mezzeh Exchange Connection Circuits (D2) And The Traffic Priorities

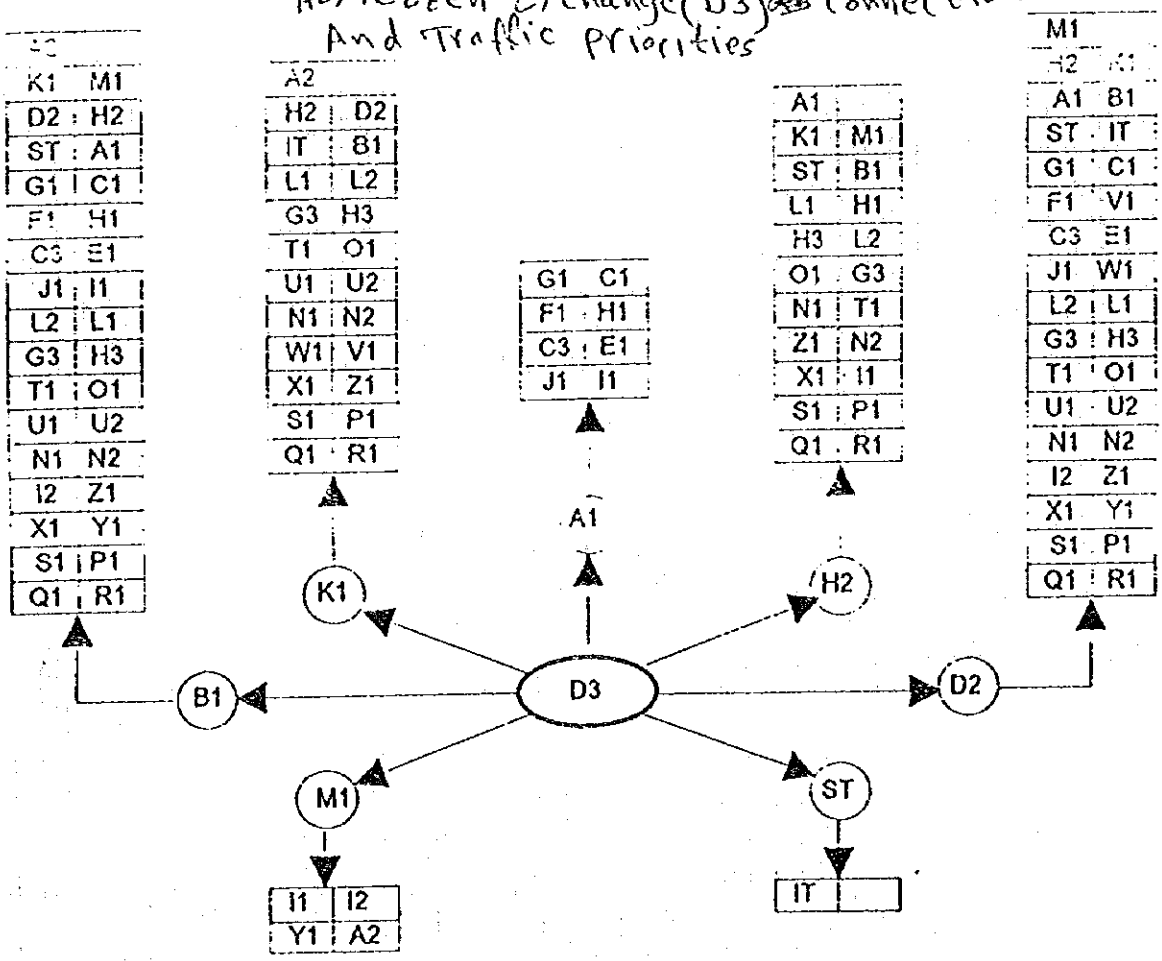


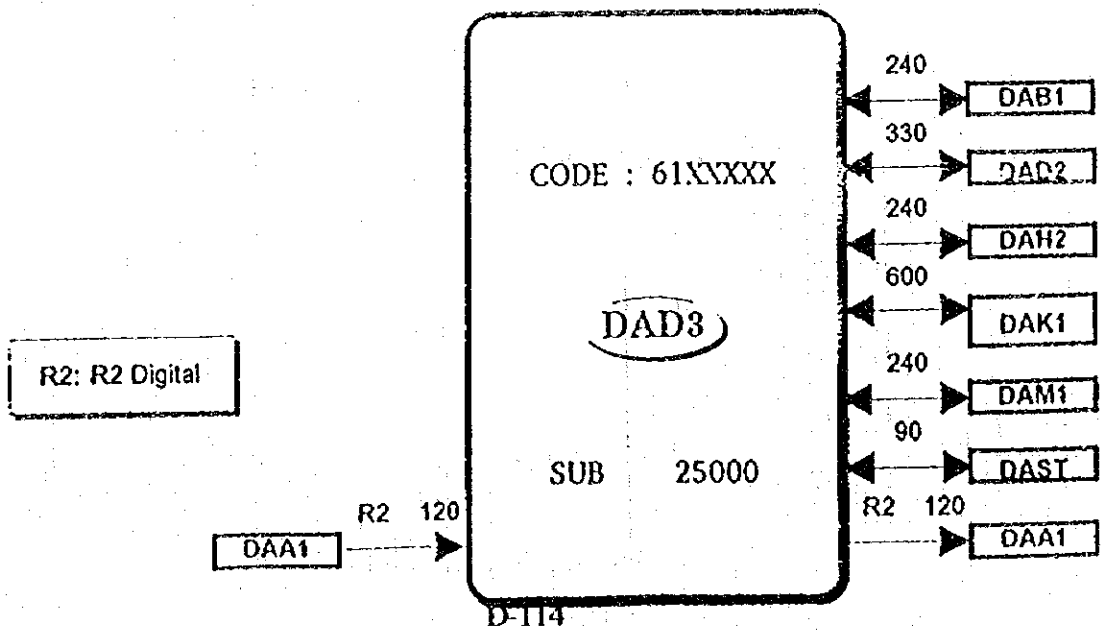


P: Pulse Dial
R2: R2 Digital

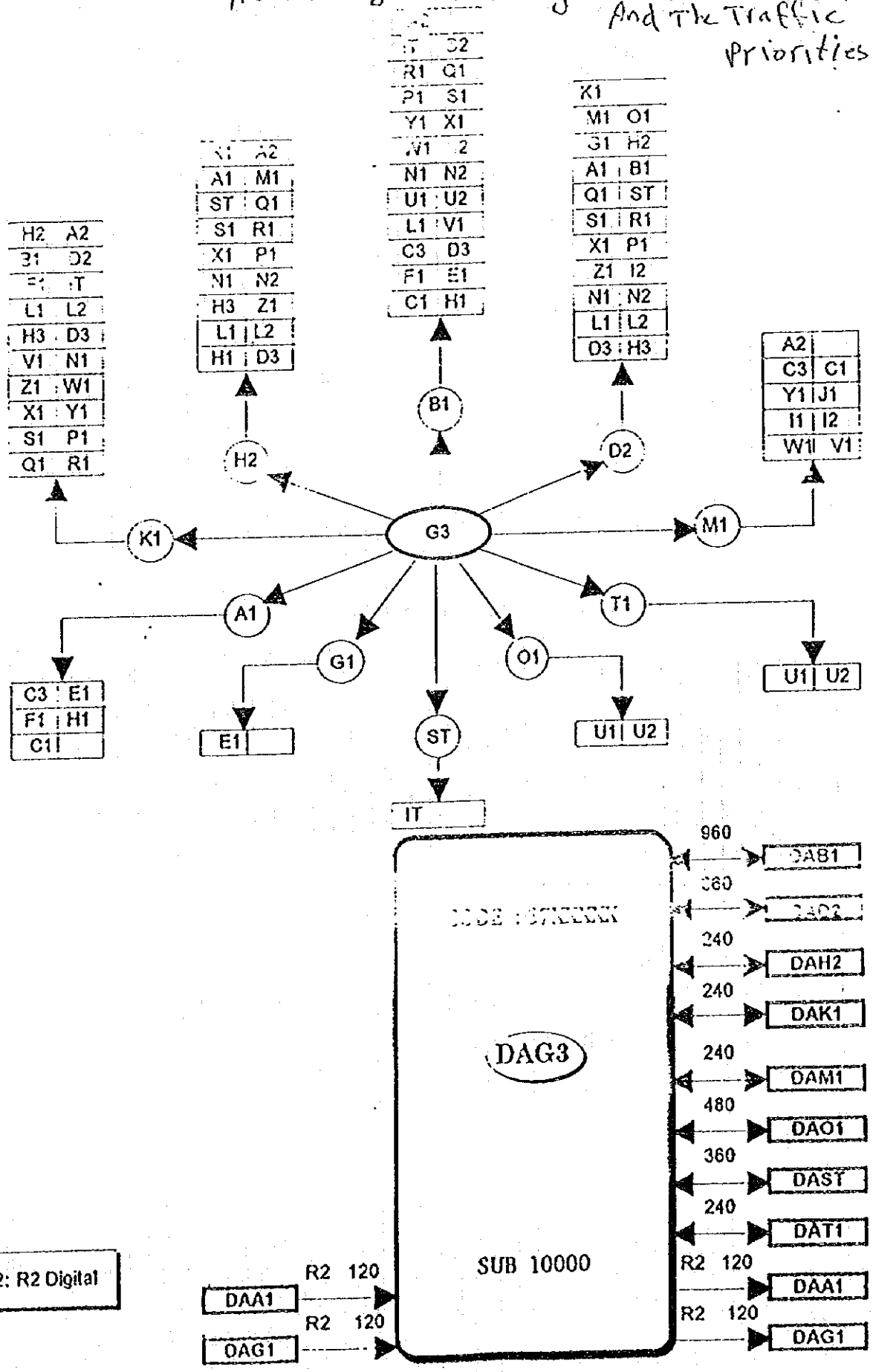
Maintenance & Operation Center
In Damascus
DAD3 مركز التشغيل والصيانة بدمشق

دارات ربط مقسم المزة D3 وأفضليات المرور
AlMezzeh Exchange(D3) Connection Circuits
And Traffic Priorities



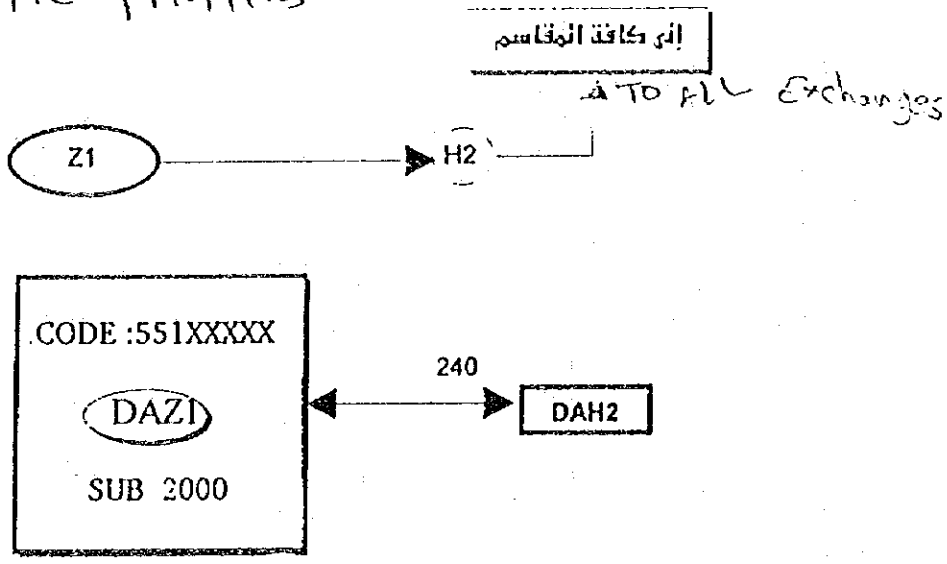


OMC مركز التشغيل والصيانة بدمشق
Maintenance & Operation Center in Damascus
دارات ربط مقسم المحاجرين وأفضليات المرور
AL Muhajerien Exchange connection circuits And The Traffic Priorities



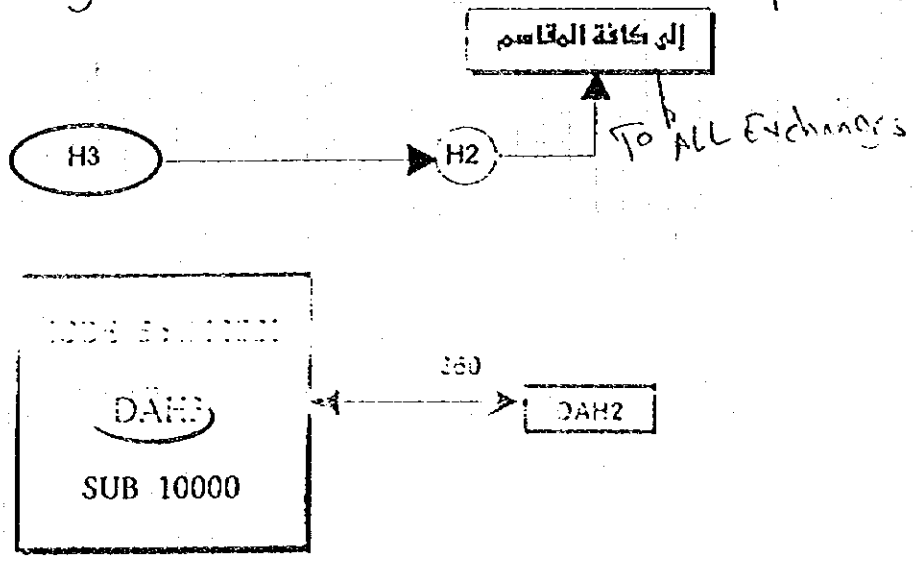
Maintenance and operation Center in Damascus
مركز التشغيل والصيانة بدمشق

Al Nashabeyeh Exchange Connection Circuits
And Traffic Priorities



دارات ربط مقسم جرمانا وأفضليات المرور

Garamana Exchange Connection Circuits & Traffic priorities

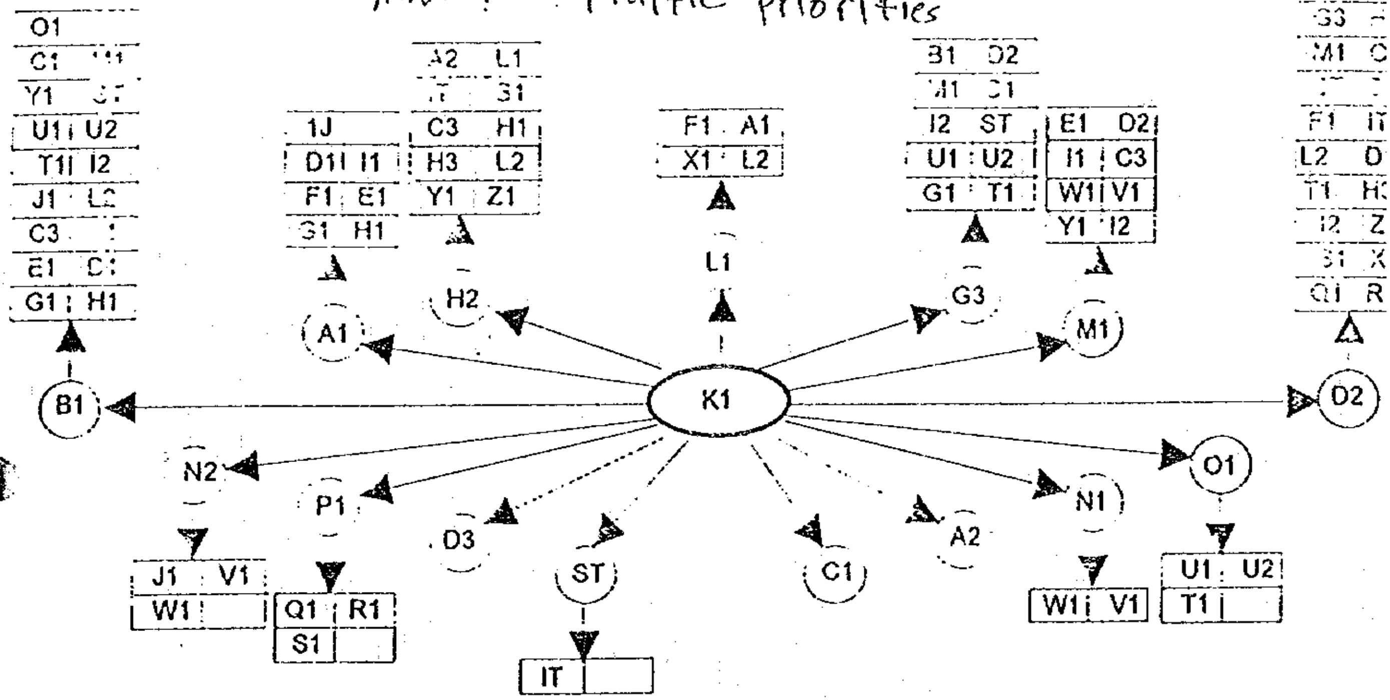


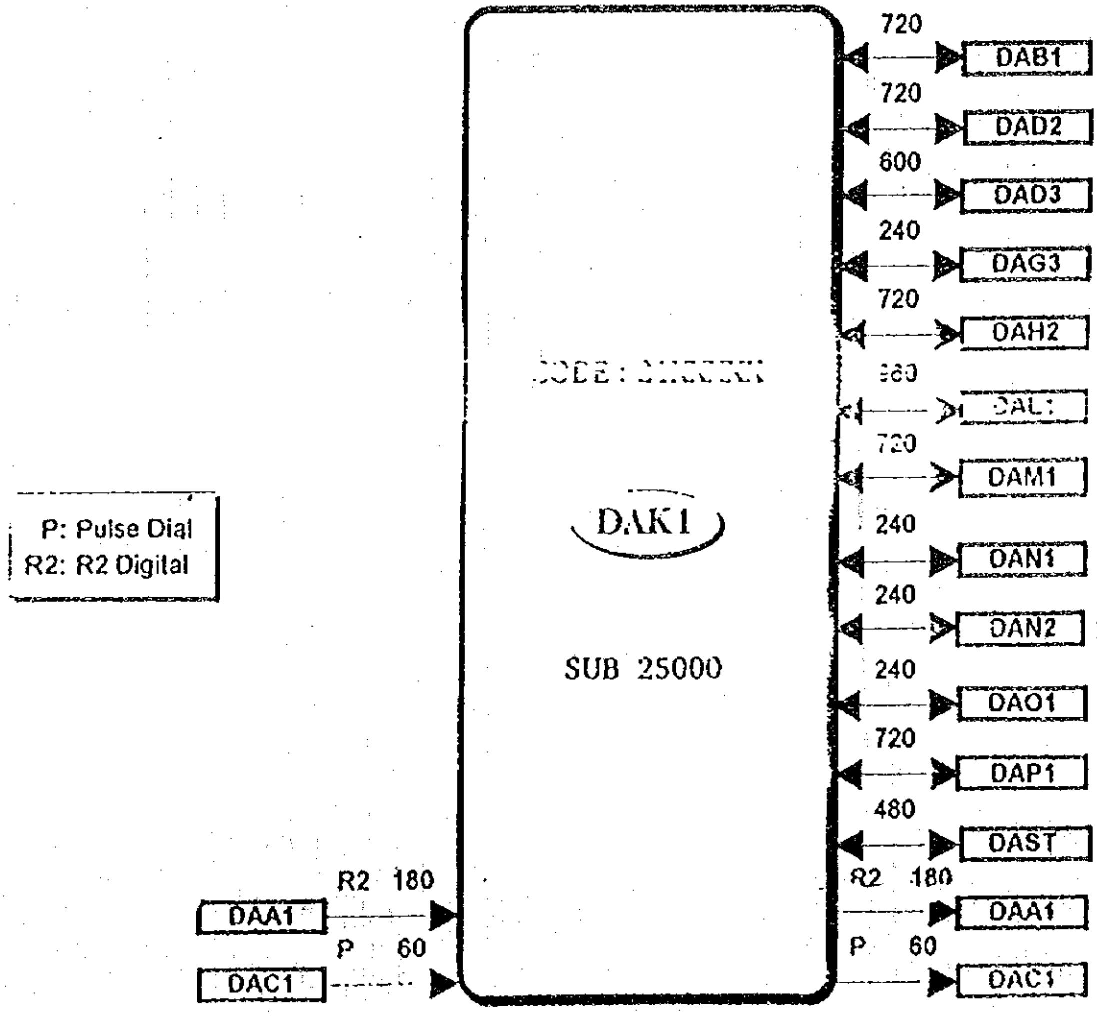
Maintenance & operation Center in Damascus

O.M.C مركز التشغيل والصيانة بدمشق

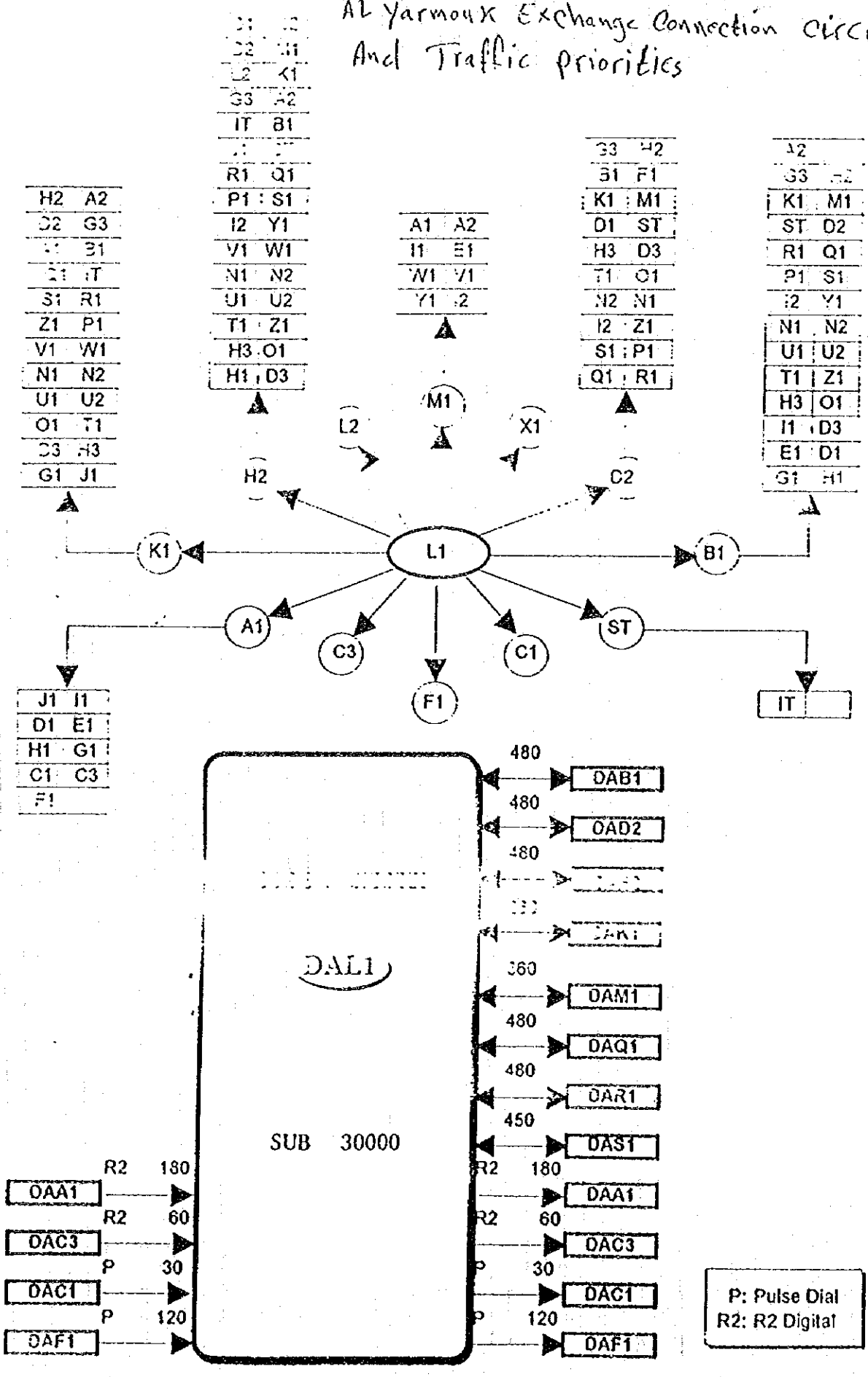
مقاسم ربط مقسم كفرسوسة والأفضليات المرور

Kufr suseh Exchange Connection Centers And the Traffic Priorities





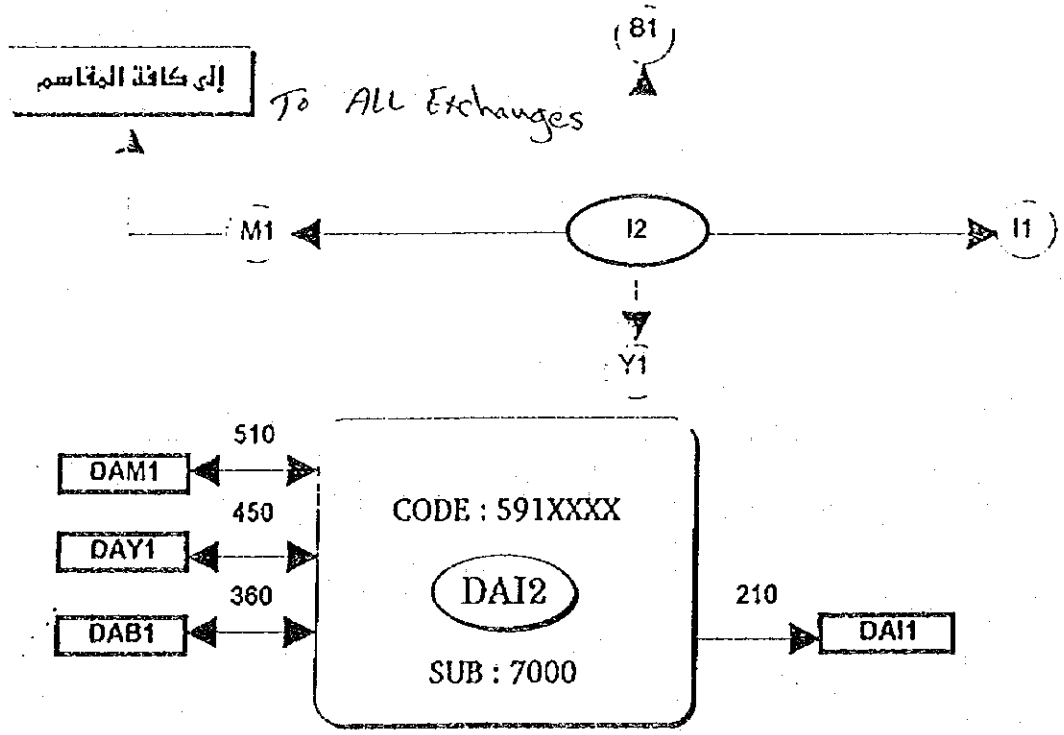
O.M.C مركز التشغيل والصيانة بدمشق
Maintenance & operation Center in Damascus
Al Yarmouk Exchange Connection circuits
And Traffic priorities



Maintenance & Operation Centers
in Damascus OMC مركز التشغيل والصيانة بدمشق

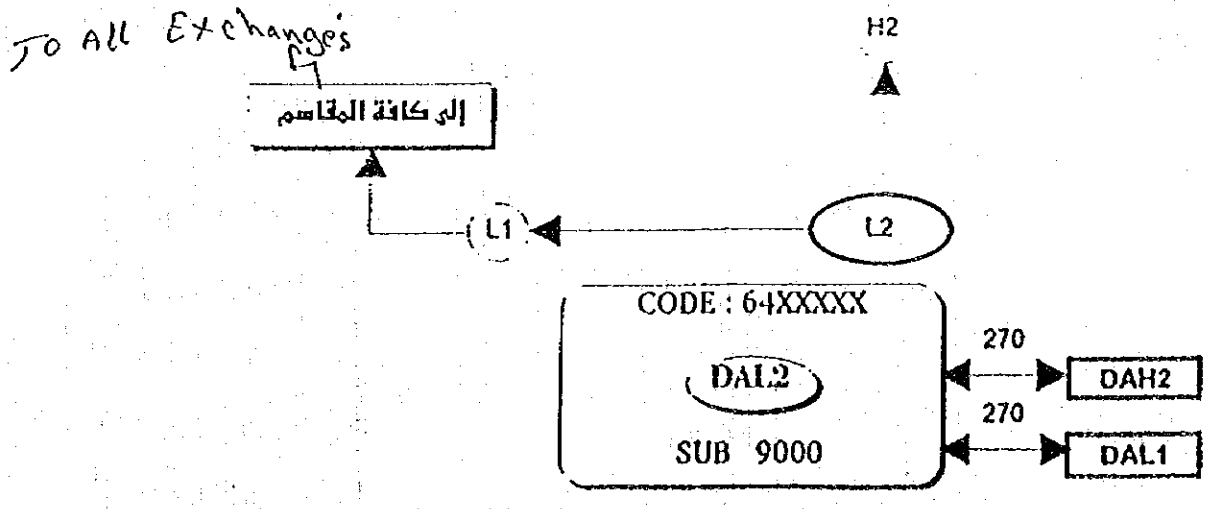
Tall Munien Exchange Connection Circuit
And Traffic Priorities إلى كافة المقاسم

To All Exchanges



حارات ربط مقسم بربلا وأفضليات المرور
Babbelleh Exchange Connection Circuit
And Traffic Priorities

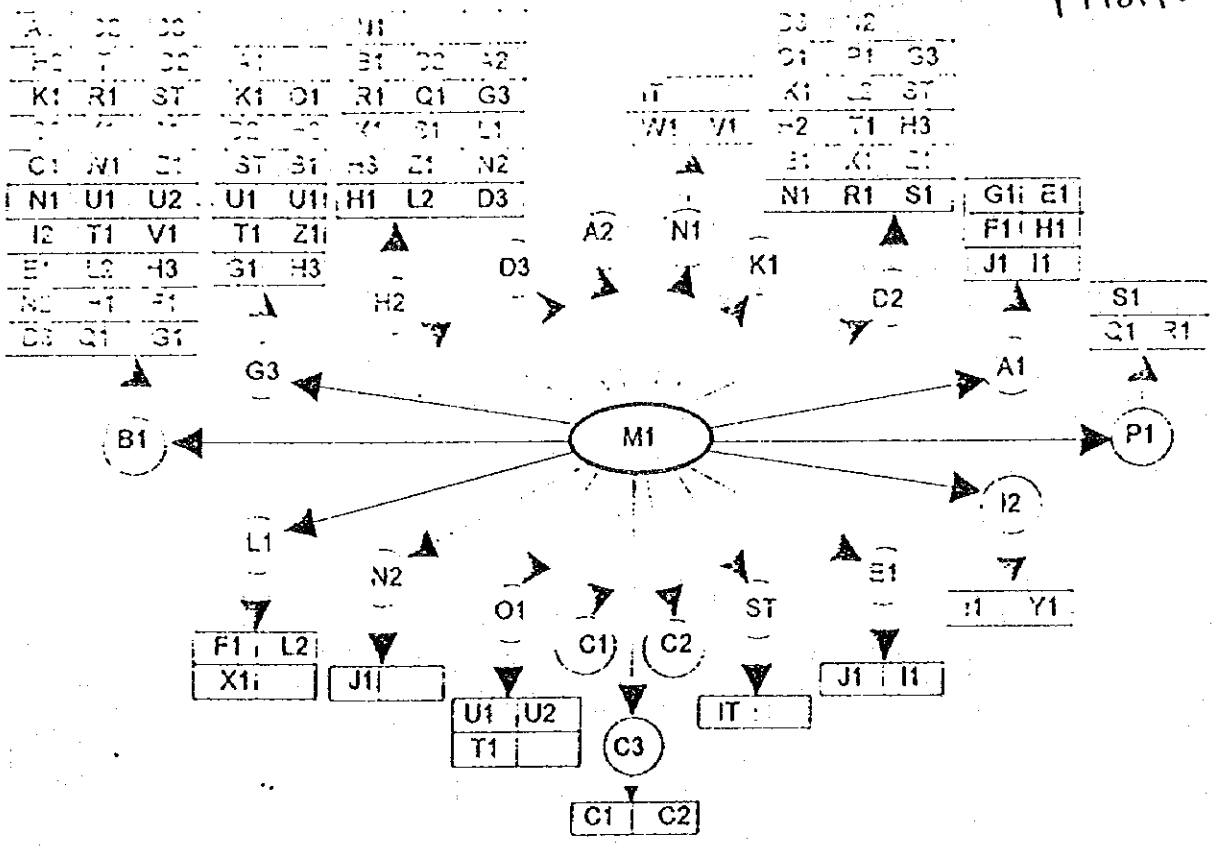
إلى كافة المقاسم → To All Exchanges

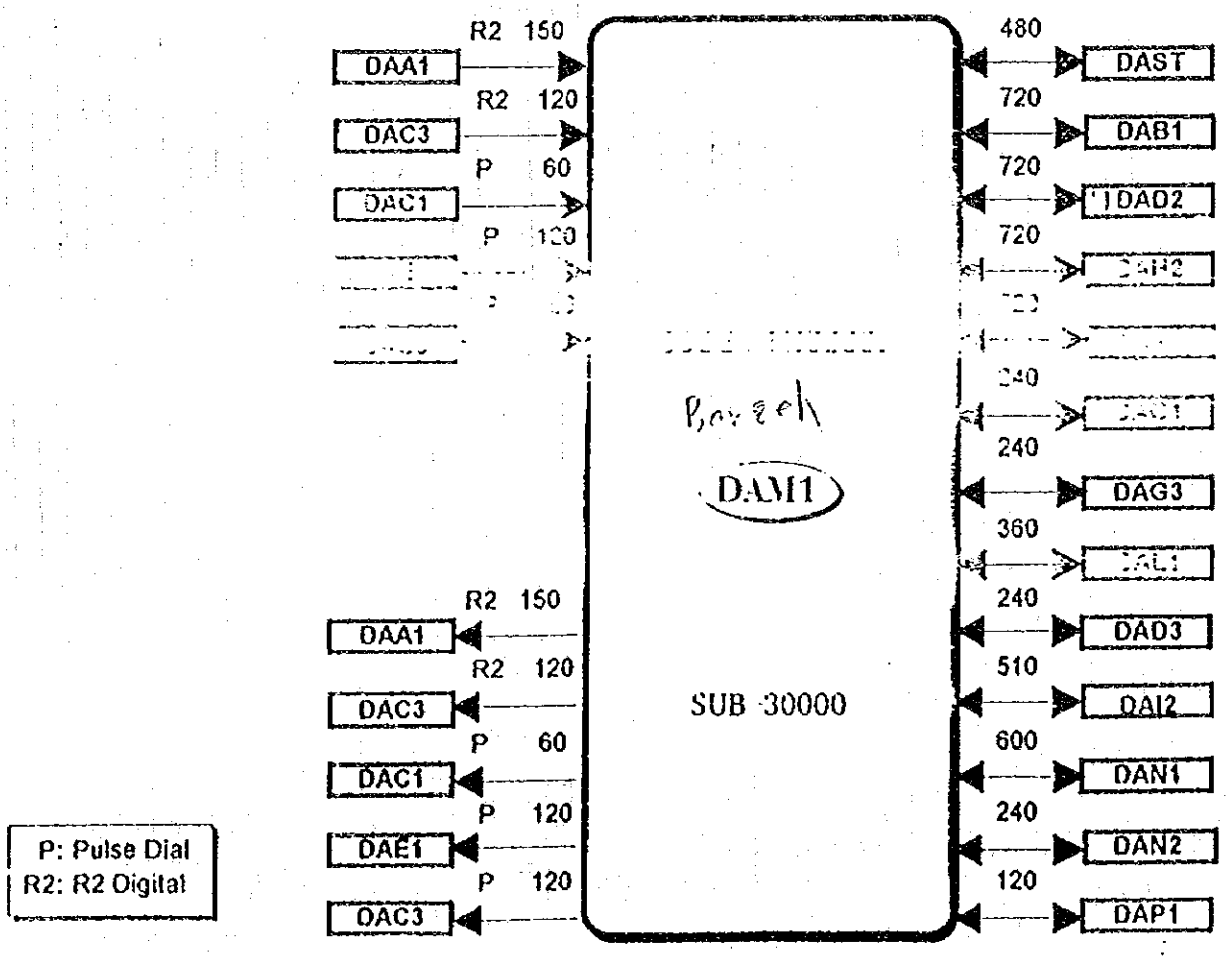


Maintenance & operation Center in Damascus

مركز التشغيل والصيانة بدمشق

Barzeh Exchange and connection Circuit And Traffic Priorities

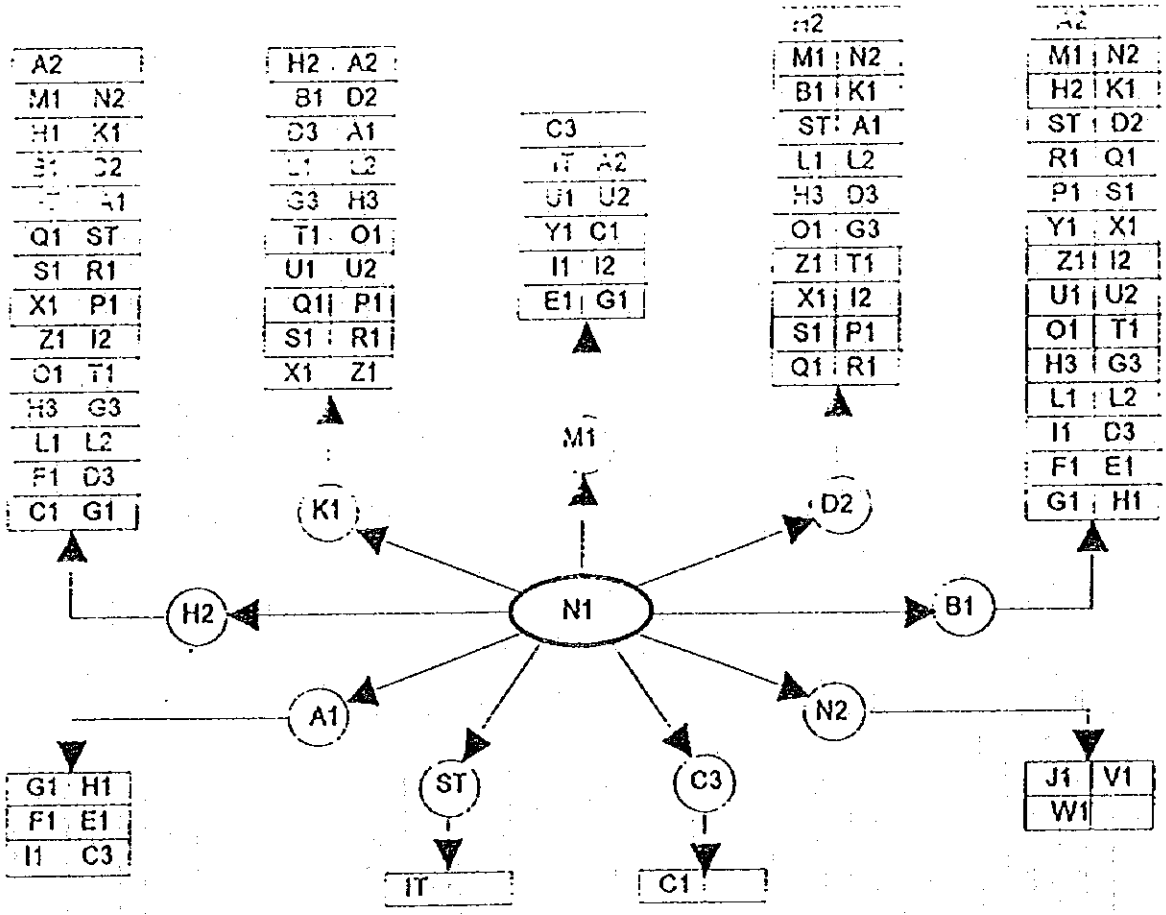


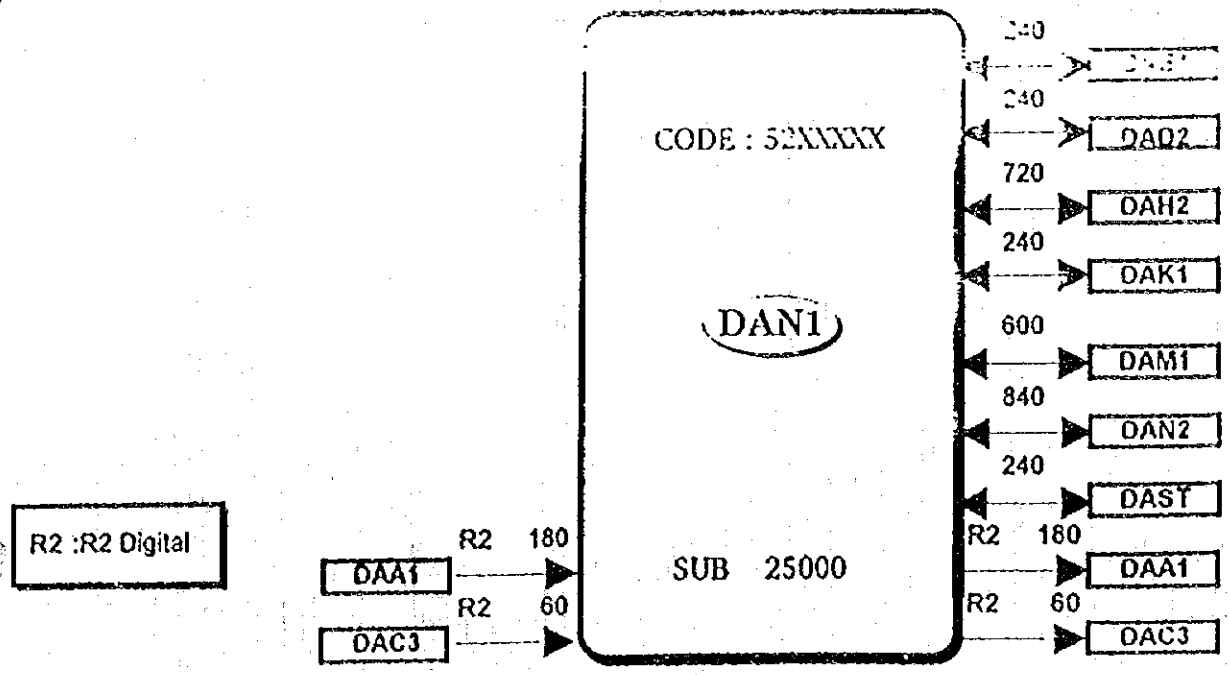


P: Pulse Dial
R2: R2 Digital

Maintenance & operation Center in Damascus
OMC مركز التشغيل والصيانة بدمشق

Zamalka Exchange Connection circuits And Traffic priorities

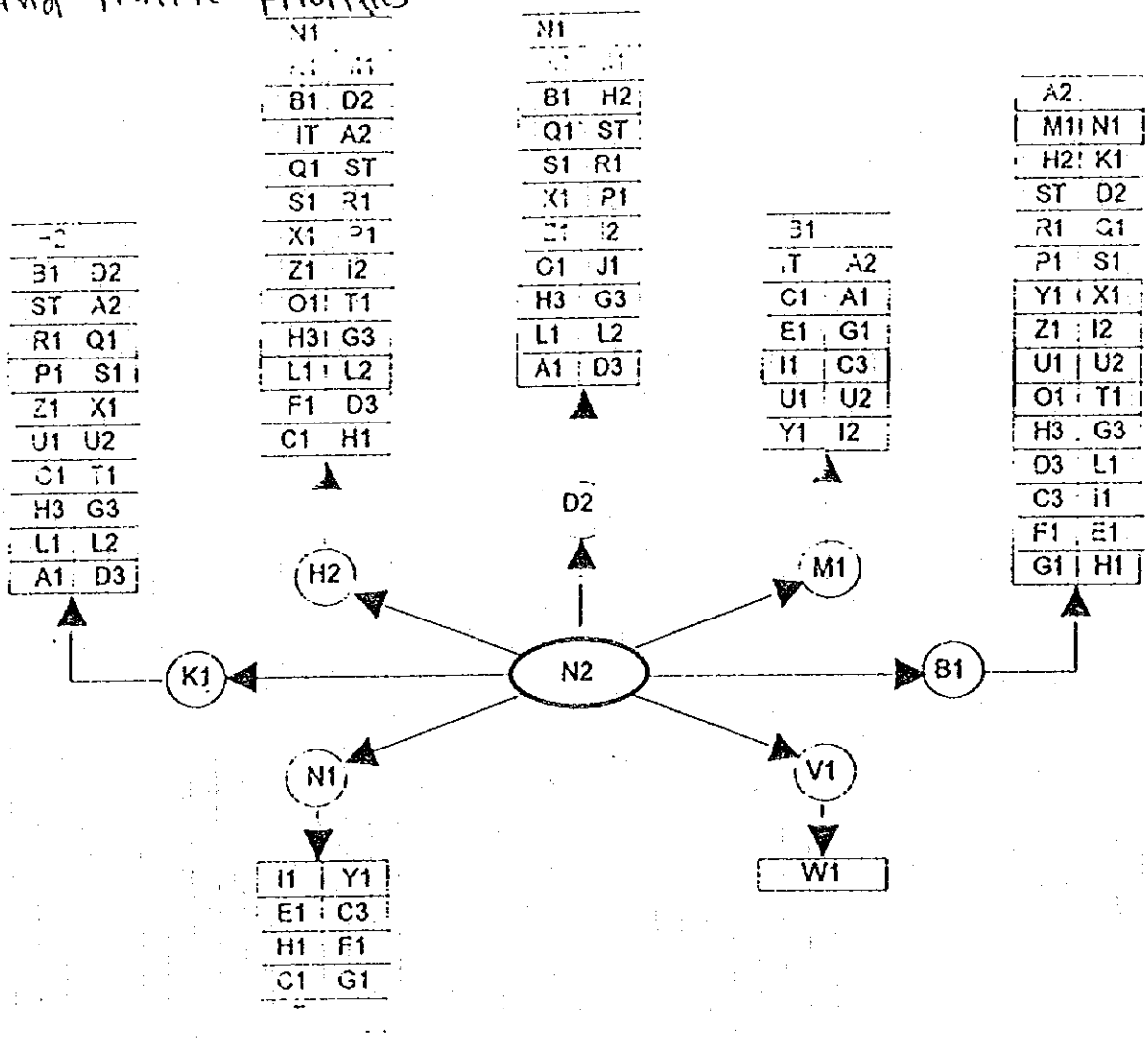


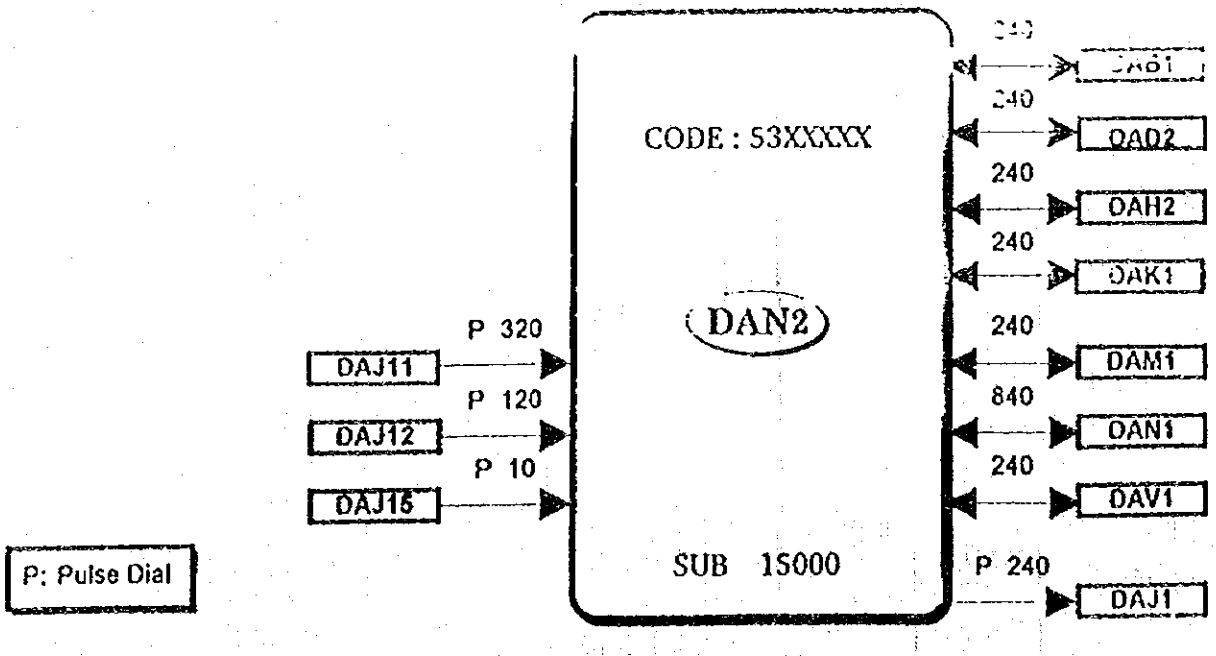


Maintenance & Operation Center in Damascus

مركز التشغيل والصيانة بدمشق

Harasta Exchange Connection Circuits And Traffic Priorities



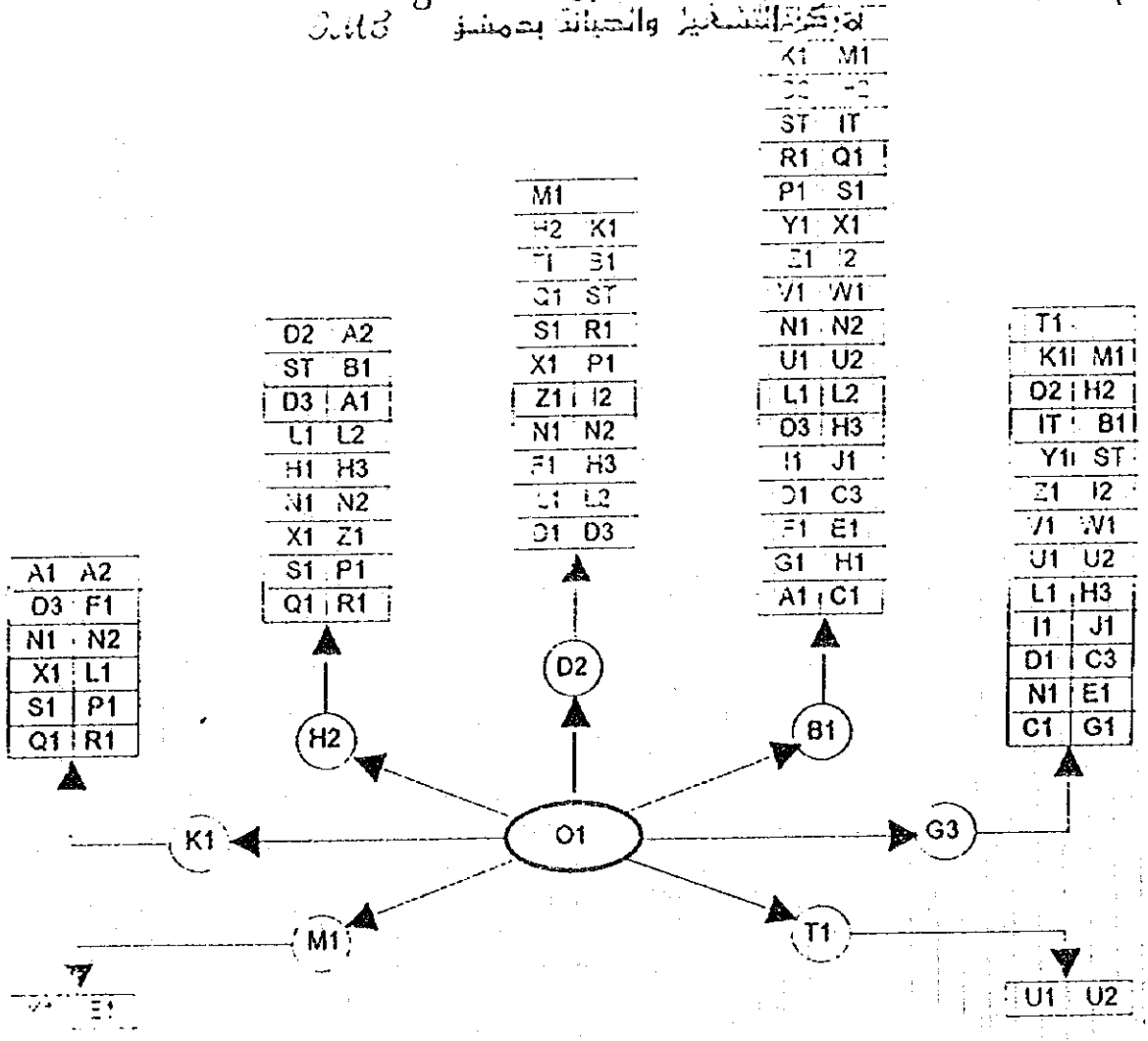


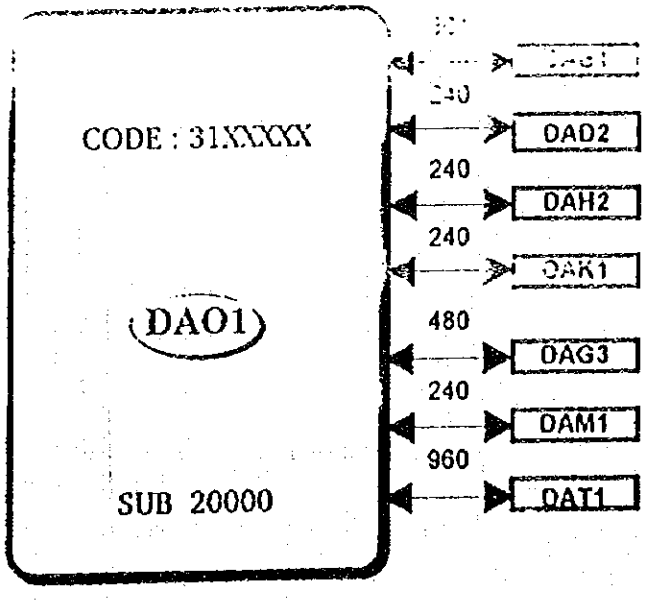
Maintenance & operation Center in Damascus

مركز التشغيل والصيانة بدمشق

Dummer Exchange Connection Circuits And Traffic priorities

مركز التشغيل والصيانة بدمشق

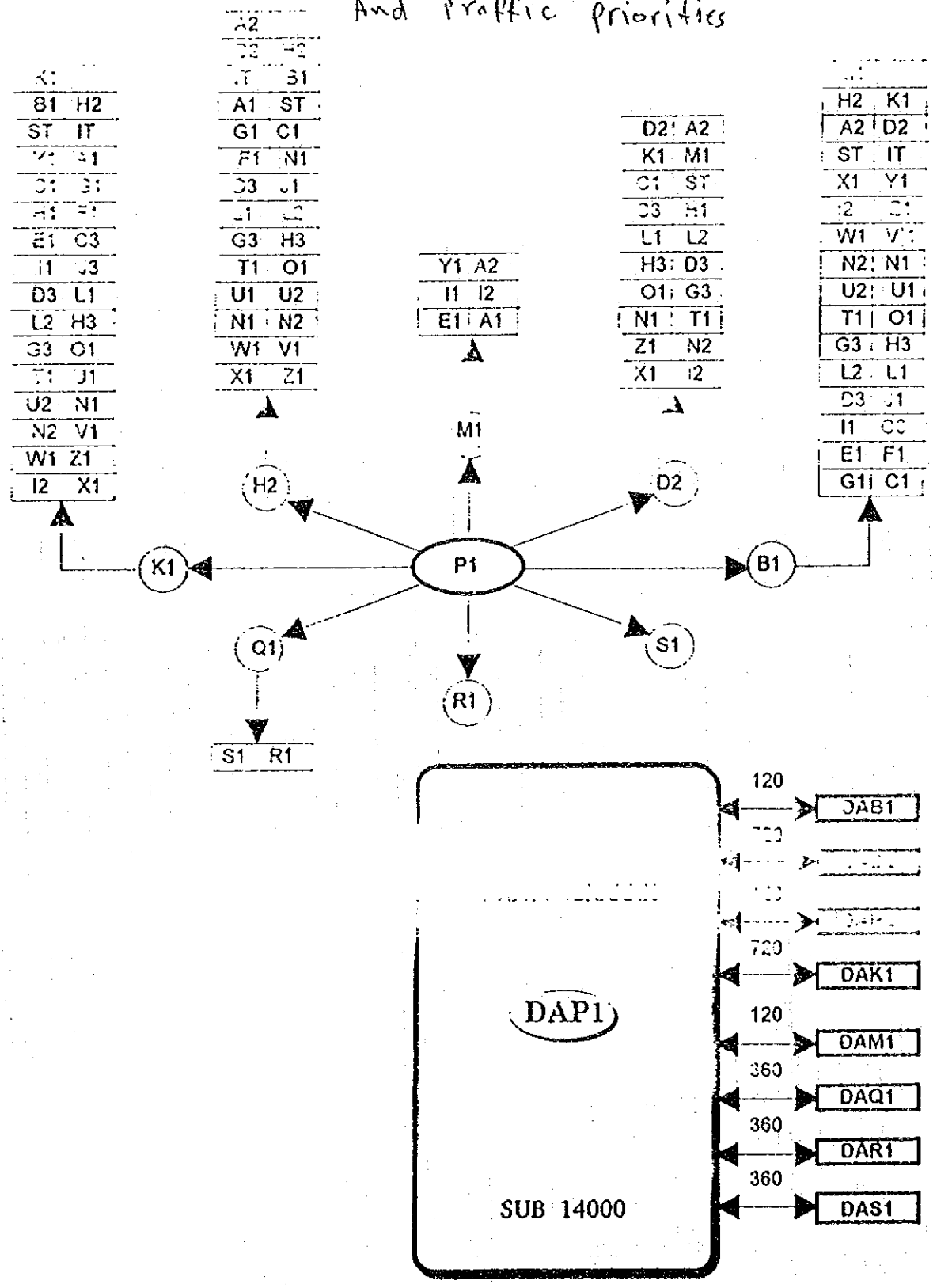




Maintenance & operation Center in Damascus

مركز التشغيل والصيانة بدمشق

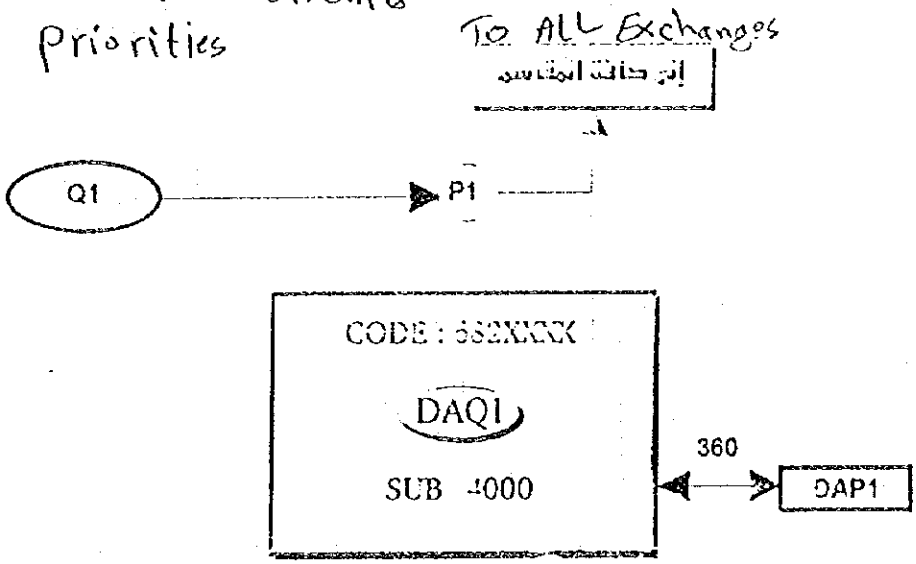
Darayeh Exchange Connection Circuits
And Traffic priorities



Maintenance & operation Center

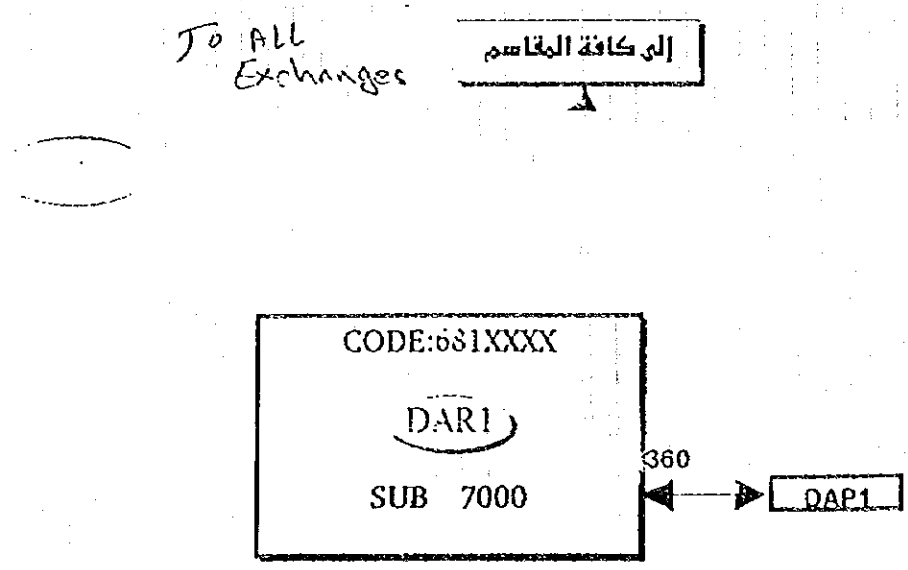
مركز التشغيل والصيانة بحمشو

Katana Exchange Connection Circuits
And Traffic priorities



Gudidet Artouz Connection Circuits

دارات ربط مقسم جديدة عرطوز وأفضليات المرور
And Traffic priorities



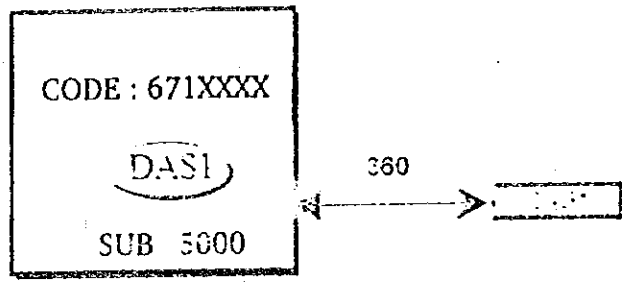
Maintenance & operation Circuits

مركز التشغيل والصيانة بمقسم الخسوة

Exchage Connection Circuits
And Traffic Priorities

إلى كافة المقاسم

To ALL Exchanges

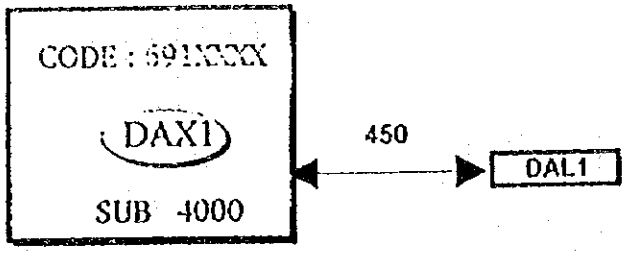


دارات ربط مقسم الخسوة وأفضليات المرور

AL Keswah Exchange Connection Circuits
And Traffic priorities

إلى كافة المقاسم

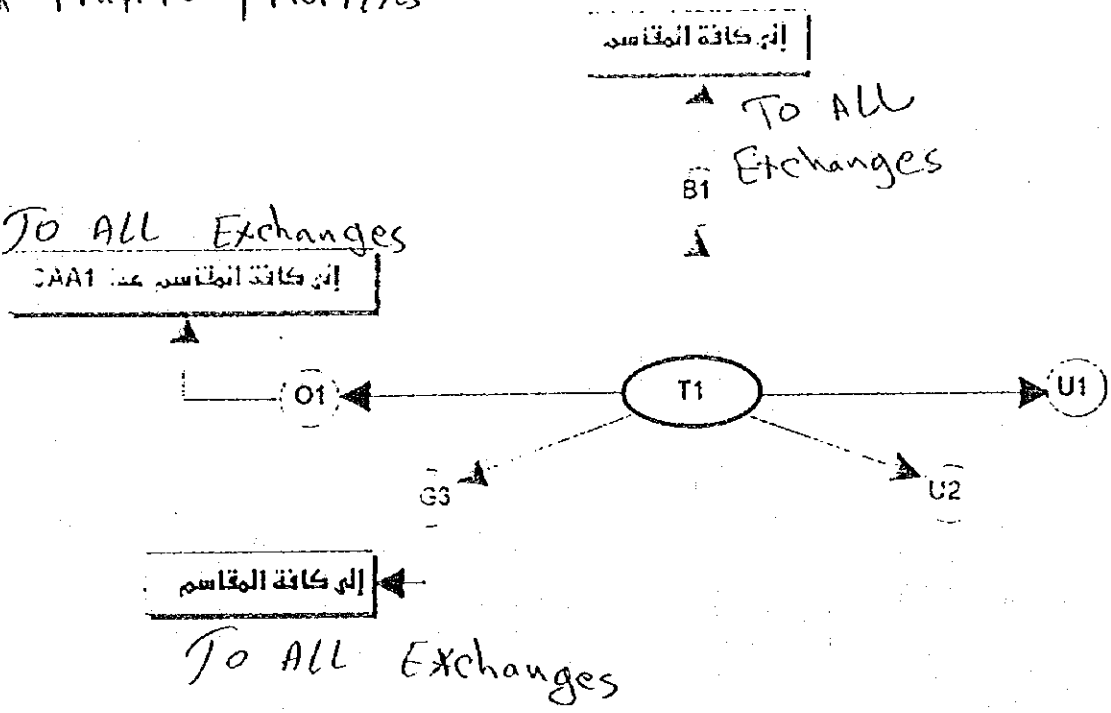
To ALL Exchanges

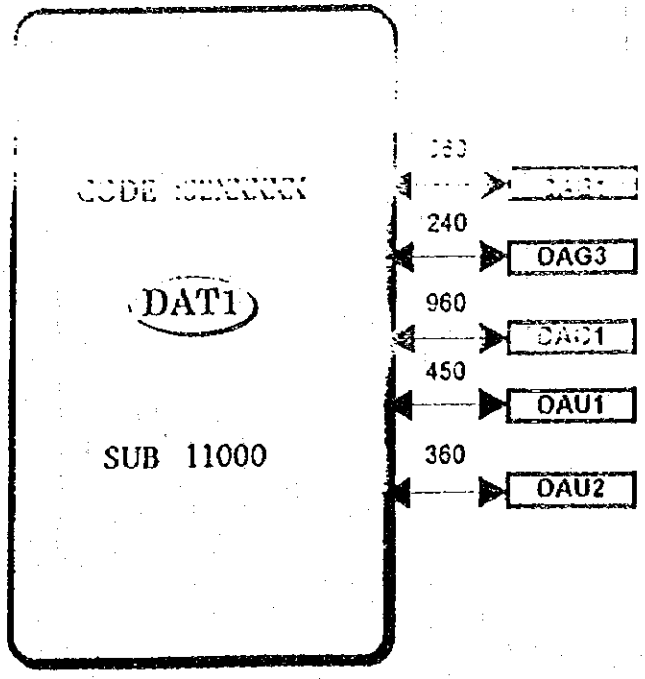


Maintenance & operation Center in Damascus

مركز التشغيل والصيانة بدمشق

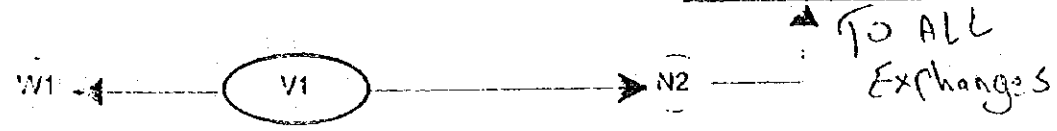
Kudsieyeh Exchange Connection Circuit
And Traffic priorities

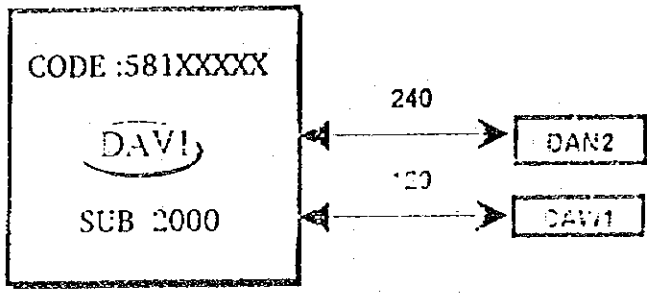




Maintenance & Operation Center in Damascus مركز التشغيل والصيانة بدمشق

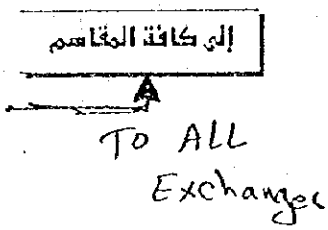
Exchange Connection Circuits
And Traffic priorities إلى كافة المقاسم

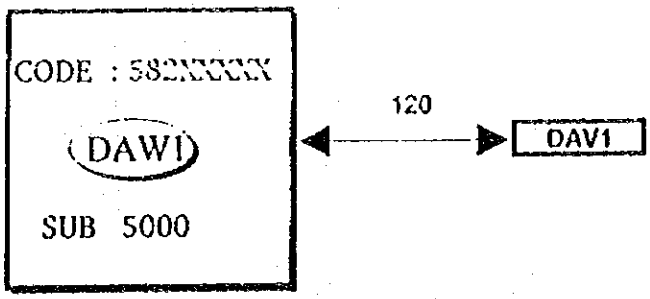




دارات ربط مقسم الضمير وأفضليات المرور

AL Dumir Exchange Connection Circuits
And Traffic priorities

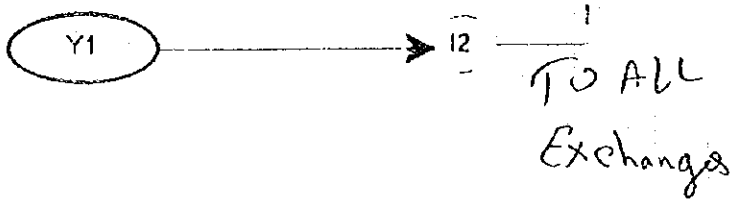


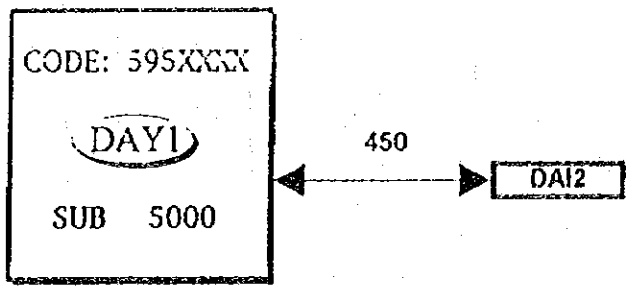


Maintenance & operation Center in Damascus

مركز التشغيل والصيانة بدمشق

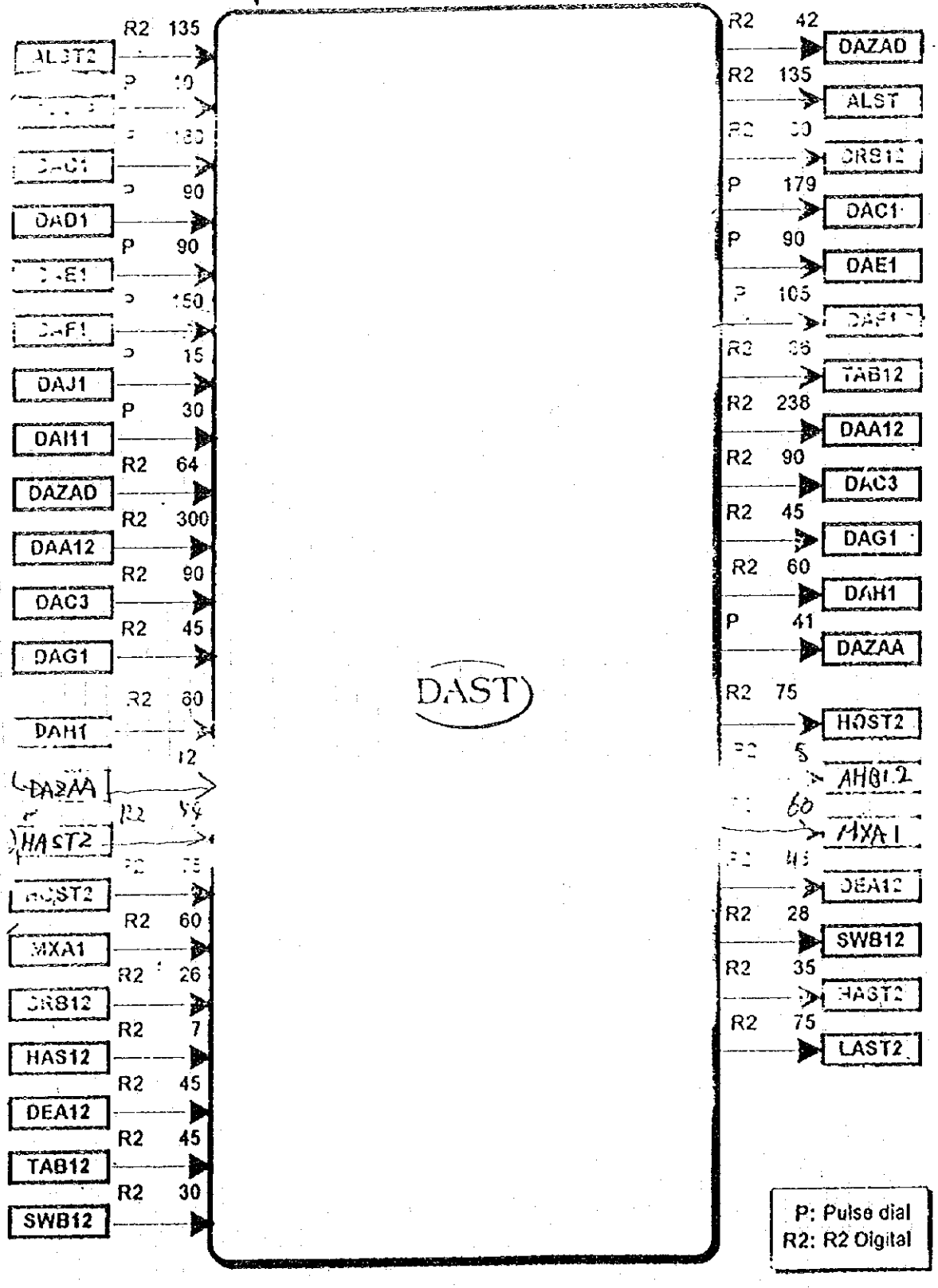
Exchange Connection Circuits
And Traffic Priority

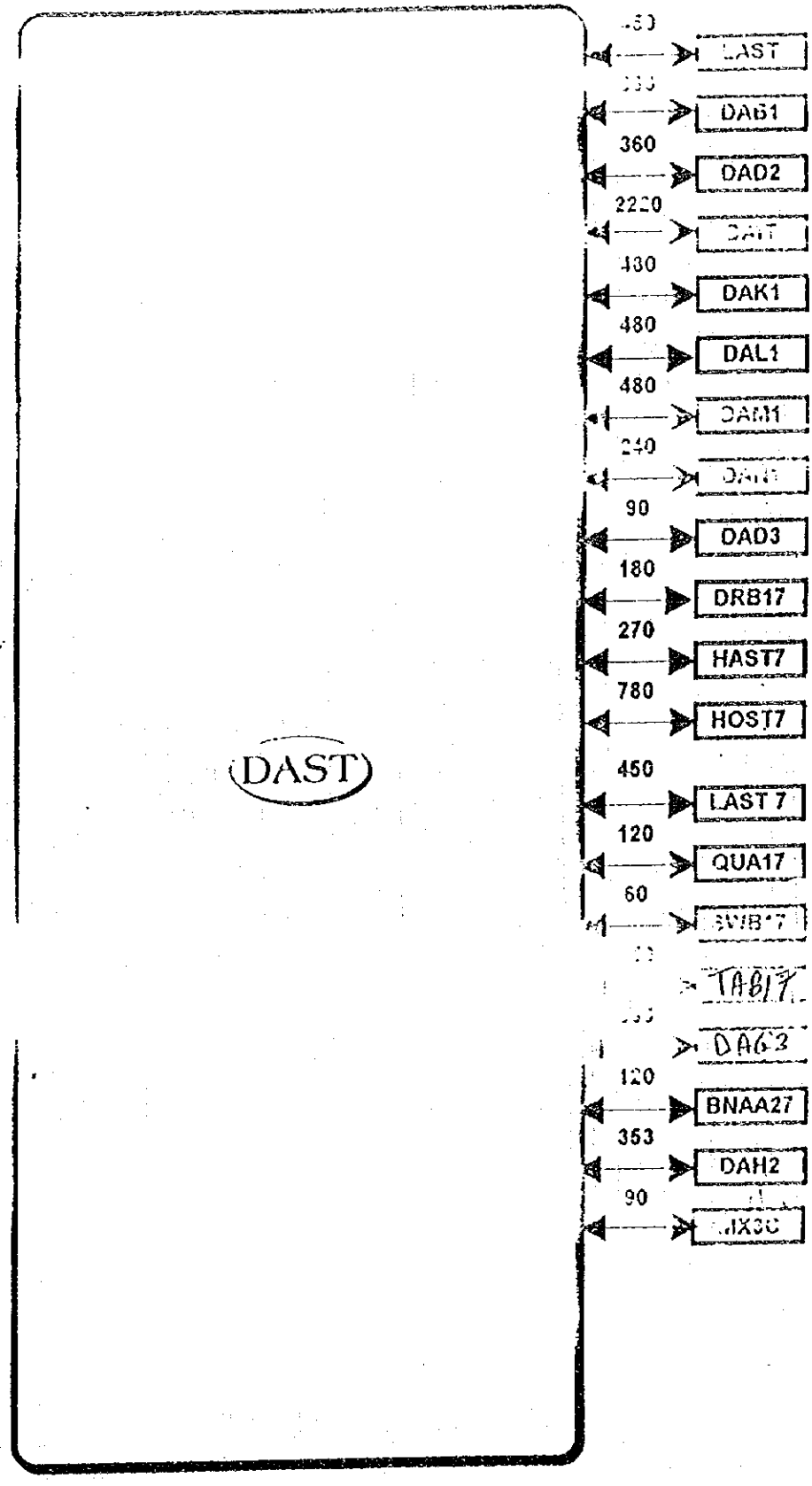




Maintenance & Operation Center in Damascus

National Exchange Connection Circuits
And Traffic priorities

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DRB17
270
HAST7
780
HOST7
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LAST 7
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DAH2
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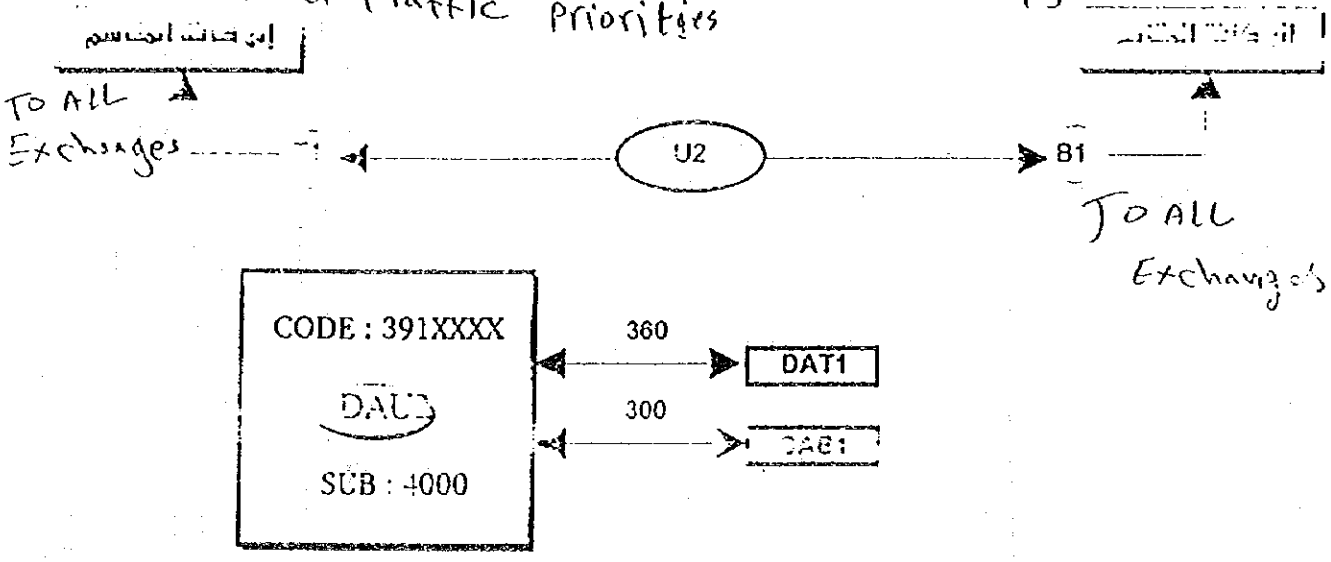
Maintenance & operation Center in Damascus

AL Dimas Exchange Connection Circuits And Traffic Priorities



دارات ربط مقسم الفيحة وأفضليات المرور

AL Fijeh Exchange Connection Circuits And Traffic Priorities