



type letter: Recommendation Letter

date: July 1, 1983

distribution lists: NSV058, NSV072, NSV014, NSV148, NSV053, NSV057, COM060, SRM008, NSV164

at: RL 83-07-024

American Telephone and Telegraph Company
295 N. Maple Avenue
Basking Ridge, N.J. 07970
Phone (201) 221-2000

file no.

related letters:

other: Selected Vice-Presidents, Assistant Vice-Presidents Operator Services, and Network Administration, and General Managers - Operator Services, and
to: Network Switching and Trunking Engineering 5th Levels (copies to Assistant Comptrollers, Company Headquarters Bell Independent Relations People, and ICH Coordinators)

entitled companies/entities:

All BOC's, AT&T Gen'l Depts., Long Lines and Bell Independent Relations

from:

Director - Operator Services and
Director - Network Switching Engineering

description:

Provides guidelines and testing procedures for implementation of an October 2, 1983, nation-wide cutover of 8 additional International Call Handling (ICH) countries, and changing the minimum/maximum digit interpretation requirement on all existing ICH countries.

* * *

Effective October 2, 1983, the number of International Call Handling (ICH) countries will be expanded. Eight additional countries will become dialable by customers (International Direct Distance Dialing - IDDD or Customer Dialed Operator Serviced - CDOS) and Operating Telephone Company operators (International Originating Toll Center - IOTC). Upon completion of this cutover, there will be a total of 106 ICH countries. We urge your support to achieve a successful nation-wide introduction on October 2, 1983.

In addition to the ICH conversion, we are requesting that all end offices change the minimum/maximum digit interpretation requirement on all existing ICH countries to 7-12. This will eliminate the need for continual updates when the foreign administration makes changes in their network. The International Switching Centers and the International Terminating Point Master (ITPM) will continue to reflect the true acceptable digit requirements for each country. This request is in line with a letter dated March 1, 1983 from D. E. Harshbarger to all TSPS Coordinators directing ICH equipped local offices and TSPSs to set all country code digit length parameters to the minimum/maximum of 7-12 digits, the allowable limits of the current tables.

NOTICE

Not for use or disclosure outside the Bell System except under written agreement.

The interdepartmental coordination effort required to implement the new ICH countries and the minimum/maximum requirement, is being directed by the ICH Coordinator in each company. Notification of the cutover countries and volume data were provided to the ICH Coordinators in February.

Attachments to this letter, describing specific guidelines for implementation, are as follows:

- Attachment 1: List of New Countries
- Attachment 2: Testing Procedures - TSPS and ESS
- Attachment 3: International Service Coordination Center Responsibilities
- Attachment 4: Operator Services and Comptrollers Considerations
- Attachment 5: Numerical List of Active International Country Codes

A critical factor to avoid difficulties, is the timing of the cutover on the various network elements. It is recommended that all changes be scheduled to complete for Toll Switching Offices on September 3, 1983, and for TSPSs and end offices by September 17, 1983. This will allow necessary testing to be done before customers begin access on October 2, 1983. All instructional material should also contain the appropriate effective dates.

Copies of this letter are being sent to the TSPS Coordinators, General Traffic Facilities Administrators - TSPS, and BOC Comptrollers rates contacts.

Comments or questions related to routing should be directed to Bill Plossl on 201-221-4759, Operator Services - Methods to Janet DeLancey on 201-221-2552, Comptrollers Methods to Eileen Horgan on 201-699-7652, and other ICH implementation questions to Bill Kyle on 201-221-2159.

A. M. Inarion
for C. W. Thornton
Director - Operator Services

N. D. Blair
N. D. Blair
Director - Network Switching Engineering

List of New CountriesICH Countries Effective October 2, 1983

Czechoslovakia	Namibia
Hungary	Poland
India*	Saipan
Jordan	Yemen Arab Republic

*The ICH conversion to India will provide direct dialing to major metropolitan areas including Bombay, Calcutta, New Delhi, and Madras. Approximately 92% of the traffic to India will be dialable. Calls to all other points in India will continue to be routed to the IOC operator for completion.

<u>Country</u>	<u>Country Code</u>	<u>Paired Code</u>	<u>Number of Digits</u>	<u>First Stage Outputse</u>
Czechoslovakia	42	042	7-12	011 + 042
Hungary	36	036	7-12	011 + 036
India	91	091	7-12	011 + 091
Jordan	962	282	7-12	011 + 282
Namibia	264	194	7-12	011 + 194
Poland	48	048	7-12	011 + 048
Saipan	670	071	7-12	011 + 071
Yemen (AR)	967	297	7-12	011 + 297
All Countries**	-	-	7-12	-

** When changing the minimum/maximum digit requirement to 7-12 for all countries, we would like to request that at the same time the country code and paired code translations are verified. Attachment 5 provides a numerical list of all active codes.

TEST PROCEDURE

TSPS INTERNATIONAL TRANSLATION VERIFICATION

The following procedure is recommended in implementing ICH conversion at TSPS locations for 1983 countries:

1. The Operator Services TSPS Facilities Managers in each Associated Company shall establish translation requirements and prepare recent change messages based on information furnished in the Operator Services Facilities Administration Practice, Division B, Section 9 for the international country code additions. This information will be furnished in a separate System Letter to be issued in August, 1983.
2. The TSPS Facilities Manager should verify that the translation information contained in the office data record is correct and then input a VER-93 message into the TSPS system for each country. On the corresponding output message VER-33 the length of the country code plus national number, country code length and paired code should be verified against the office data record.
3. The TSPS Facilities Manager should coordinate with the appropriate Network Services representative to assure that the following tests are made for validation of correct two stage outpulsing and network routing.

a) At TSPS locations key CC + test number.

Note: In all cases in these instructions CC represents the one, two or three digit TRUE country code.

b) TSPS first stage outpulsing will be 011 + Paired Code.

Example of test number for Saipan:

TSPS would key 670 + 0001212. First stage outpulsing would be 011 + 071 (Country Code 670 - Paired Code 071).

c) TSPS second stage outpulsing will be Paired Code + test number.

Example: Saipan 071 + 0001212

NOTE: TSPS first and second stage outpulsing uses the Paired Code.

Six digit translation at the gateway will route the call to a special announcement, provided for the ICH conversion in October. This special announcement will identify the ISC. The announcement is - "You have reached the (Principal Office) International Switching Center. This is a recording. NPA ____". The special announcement will be in operation from September 3 through November 1, 1983. After November 1, 1983, the regular "0" digit screening announcement returns for test procedures.

TSPS site locations experiencing test call failures should refer to the appropriate TSPS Company Coordinator.

TEST PROCEDURE

ESS INTERNATIONAL TRANSLATION VERIFICATION

The following procedure is recommended in implementing IDDD/IOTC service at ESS offices.

1. The dial administrators for each ESS office (or Switching Control Center) should input a VFY-OFFC message into the #1 ESS system for each IDDD country. Similar procedures would be used by the #2 and #3 ESS, but different input messages would apply. The system will respond by printing all charging and routing information on a TRO 4 output message. Expansion of the route index via a VFY-EXP input message will provide translation information on the corresponding TRO 5 output message.

2. The information contained in the TRO 4 and TRO 5 messages should be compared against the IDDD Route Index Record.

NOTE: The verification message instructions are contained in the Input/Output manuals for the ESS system.

3. To further verify that each ESS location has the ability to two stage outpulse, the following tests should be conducted.

- a) At ESS offices select a line number (simulating a customer call) and key 011 + CC + test number.

NOTE: CC represents the One, Two or Three digit Country Code.

- b) First stage outpulsing will be 011 + Paired Code if arranged for 6D translation.

Example of test number for Saipan:

ESS office would dial 011 + 670 + 0001212. First stage outpulsing would be 011 + 071. (Country Code 670 - Paired Code 071).

- c) Second stage, outpulsing will be CC + test number.

Example. 670 + 0001212.

NOTE: Some ESS offices do not have two stage outpulsing but the effective testing is the same.

4. Six digit translation at the gateway will route the call to a special announcement provided for the ICH conversion in October. This special announcement will identify the ISC. The announcement is "You have reached the (Principal Office) International Switching Center. This is a recording. NPA _____". The special announcement will be in operation from September 3 through November 1, 1983. After November 1, 1983, the regular "0" digit screening announcement returns for test procedures.

Test Numbers and Principal Offices are as follows:

<u>Country</u>	<u>Test Number</u>	<u>Principal Office</u>
Czechoslovakia	42 + 000 + 1212	Pittsburgh
Hungary	36 + 000 + 1212	New York
India	91 + 000 + 1212	New York
Jordan	962 + 000 + 1212	New York
Namibia	264 + 000 + 1212	New York
Poland	48 + 000 + 1212	New York
Saipan	670 + 000 + 1212	Denver
Yemen (AR)	967 + 000 + 1212	New York

International Service Coordination Center Responsibilities

The International Service Coordination Centers (ISCC's) will test the call handling capability to the International Switching Centers (ISC's) and insure that proper translation is available on the schedule service date. They will also provide assistance with regard to information concerning any technical difficulties beyond the domestic network.

Listed below are the ISCCs in the United States with their mailing addresses and communications information.

This is followed with a list of the ISCCs and the countries that are their primary responsibility. Questions regarding the responsible ISCC for countries or areas that are not listed may be directed to the Long Lines Headquarters ISCC.

New York
33 Thomas Street
Room 519
New York, NY 10007
(212) 334-6314
8:00 AM - 4:30 PM
Monday through Friday
ADNet LYO-885

Sacramento
1423 J Street
Room 950
Sacramento, Calif. 95851
(916) 442-2768
8:00 AM - 4:30 PM
Monday through Friday
ADNet LWO-885

White Plains
440 Hamilton Avenue
Room 1100C
White Plains, NY 10601
(914) 320-2162
8:30 AM - 4:30 PM
Monday through Friday
Other Times (914) 320-3691
ADNet LNO-8

Pittsburgh
635 Grant Street
3rd Floor
Pittsburgh, PA 15219
(412) 227-7710
8:30 AM - 4:30 PM
Monday through Friday
Other Times (412) 227-7912
ADNet LEO-885

Jacksonville
400 West Ashley Street
Room 703
Jacksonville, FL 32202
(904) 350-5143
8:30 AM - 4:30 PM
Other Times (904) 350-5076
ADNet LSO-885

Long Lines Headquarters
201 Littleton Rd., Room 160
Morris Plains, NJ 07950
(201) 631-4515/4516*
8:15 AM - 4:30 PM
Monday through Friday
Other Times (201) 234-6750
ADNet LOS-885

*NOT ROTARY

ICH Country Responsibility by ISCC

New York

Algeria	Ireland	Oman
Bahrain	Israel	Pakistan
Cameroon	Ivory Coast	#Poland
Cyprus	#Jordan	Portugal
	Kenya	Romania
Denmark	Kuwait	Saudi Arabia
Egypt	Liberia	Senegal
Ethiopia	Libyan A.P.S.J.	South Africa
Finland	Liechtenstein	Spain
Gabon	Luxemborg	Sri Lanka
German Democratic Republic	Malawi	Sweden
Guantanamo Bay	Marisat - Atlantic	Switzerland
#Hungary	Morocco	Tunisia
Iceland	#Namibia	Turkey
#India	Netherlands	United Arab Emirates
Iran	Nigeria	#Yemen (AR)
Iraq	Norway	Yugoslavia

Sacramento

American Samoa	Marisat - Indian
Australia	Marisat - Pacific
Fiji Island	Mexico
Guam	New Caledonia
Hong Kong	New Zealand
Indonesia	Papua, New Guinea
Japan	Phillippines
Korea	#Saipan
Malaysia	Singapore
	Tahiti
	Taiwan
	Thailand

White Plains

Austria
Germany, West
Greece
Italy
San Marino
United Kingdom
Vatican City

Pittsburgh

Andorra	France
Argentina	Monaco
Belize	Paraguay
Bolivia	Peru
Brazil	Suriname
Chile	Uruguay
Columbia	Venezuela
*Czechoslovakia	
Ecuador	

Jacksonville

Costa Rica	Haiti
El Salvador	Honduras
French Antilles	Netherland Antilles
Guatemala	Nicaragua
Guyana	Panama

#Indicates ICH Service Effective October 2, 1983.

Operator Services and Comptrollers Considerations

Operator Services

Rate and Route

Operator rating and routing information required for manual and mechanized rate and route bureaus will be forwarded by AT&T Long Lines - Traffic Routing Engineer by September 15, 1983.

TSPS

Operator routing information and country specific details needed for TSPS operator position information, will be forwarded by AT&T Long Lines - Overseas, by August 15, 1983, according to standard procedures.

The country additions will increase the number of working country codes in TSPS to 101. An update addition of the Operator Services Facilities Administration Practices, Division B, Section 9 relating country code, rating, collect status and outpulsing data will be issued as a separate System Letter in August, 1983.

TSPS Coordinators should be certain that any TSPS site that is now on Generic 10, has completed the overwrite necessary to increase the country code capacity. Any questions you might have concerning the overwrite should be directed to Dave Harshbarger, on 614-860-4338.

Cordboard

The Operator Job Aid, IDDD-IOTC Customer Assistance pages, will be transmitted for the new countries via standing order in the September 15, 1983 issue.

Comptrollers

The rating information required by Comptrollers will be issued via a CRIS Information Bulletin to be published by AT&T Comptrollers when the tariff is filed. The September 15, 1983 ITPM will contain the eight new countries.

NUMERICAL LIST OF ACTIVE INTERNATIONAL COUNTRY CODES - EFFECTIVE 10/2/83

<u>Country Code</u>	<u>Paired Code</u>	<u>COUNTRY</u>	<u>Country Code</u>	<u>Paired Code</u>	<u>COUNTRY</u>
20	020	Egypt	503	003	El Salvador
212	012	Morocco	504	884	Honduras
213	013	Algeria	505	975	Nicaragua
216	016	Tunisia	506	806	Costa Rica
218	018	Libyan	507	247	Panama
221	021	Senegal	509	887	Haiti
225	285	Ivory Coast	51	051	Peru
231	851	Liberia	52	*	Mexico
234	014	Nigeria	53	053	Guantanamo Bay
237	077	Cameroon	54	054	Argentina
241	025	Gabon	55	055	Brazil
251	059	Ethiopia	56	056	Chile
254	074	Kenya	57	057	Colombia
264	194	Namibia (1)	58	058	Venezuela
265	096	Malawi	591	991	Bolivia
27	027	South Africa	592	892	Guyana
30	030	Greece	593	293	Ecuador
31	031	Netherlands	595	295	Paraguay
32	032	Belgium	596	896	French Antilles
33	033	France, Andorra, Monaco	597	097	Suriname
34	034	Spain	598	288	Uruguay
351	281	Portugal	599	099	Netherlands Antilles
352	292	Luxembourg	60	060	Malaysia
353	033	Ireland	61	061	Australia
354	854	Iceland	62	062	Indonesia
357	087	Cyprus	63	063	Philippines
358	088	Finland	64	064	New Zealand
36	036	Hungary (1)	65	065	Singapore
37	037	German Democratic Rep.	66	066	Thailand
38	038	Yugoslavia	670	071	Saipan (1)
39	039	Italy, Vatican City, San Marino	671	067	Guam
40	040	Romania	675	875	Papua New Guinea
41	041	Switzerland, Liechtenstein	679	879	Fiji Islands
42	042	Czechoslovakia (1)	684	284	American Samoa
43	043	Austria	687	287	New Caledonia
44	044	United Kingdom	689	289	French Polynesia
45	045	Denmark	7	007	USSR
46	046	Sweden	81	081	Japan
47	047	Norway	82	082	Korea
48	048	Poland (1)	852	692	Hong Kong
49	049	Germany	871	101	Marisat (Atlantic)
501	111	Belize	872	102	Marisat (Pacific)
502	022	Guatemala	873	103	Marisat (Indian Ocean)
			886	006	Taiwan (2)

* Single Stage Outpulsing 180 + 8D

NUMERICAL LIST OF ACTIVE INTERNATIONAL COUNTRY CODES - EFFECTIVE 10/2/83 (cont'd)

<u>Country Code</u>	<u>Paired Code</u>	<u>COUNTRY</u>
90	090	Turkey
91	091	India (1)
92	092	Pakistan
94	094	Sri Lanka
962	282	Jordan (1)
964	294	Iraq
965	015	Kuwait
966	990	Saudi Arabia
967	297	Yemen (AR) (1)
968	068	Oman
971	291	United Arab Emirates (3)
972	072	Israel
973	073	Bahrain
974	174	Qatar
98	098	Iran

Effective with the 10/2/83 ICH conversion, the minimum/maximum digit interpretation for all countries is 7-12. To verify country code and paired code translations, the following test number should be used:

TSPS - Country Code + 000 + 1212
End Office - 011 + Country Code+000+1212

Notes:

- (1) Conversion 10/2/83.
- (2) 86 was formerly used for Taiwan, the correct code is 886.
- (3) 978 and 979 were formerly used for United Arab Emirates along with 971. They may be left in memory or removed.