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Telephone number information/formats

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Highlighted text indicates additions/alterations since the last document version.

This data table contains information about world telephone numbers and systems, designed to allow you to:

- Burst telephone numbers into their component parts (country code, international trunk code, national destination code (area code), national significant number (subscriber number))
- Check the validity of the numbers
- Identify which numbers belong to mobile (GSM) numbers, allowing, for example, SMS actions to be prepared and executed.

Telephone number structure file: TELEPHON

Field name	Field type	Field length	Contents
COUN_CODE	Character	3	A unique country code used by GRC Database Information.
ISO2	Character	3	The ISO 3166 2-digit code for this country.
INTERNAT	Character	10	The international access code for this country.
TRUNK	Character	10	The trunk number(s) which is/are dropped when a call is made from abroad ('-' if no trunk code for this country).
CODE	Character	10	The first digit(s) of an area code (national significant number) range. Field contains '-' if mobile numbers are identified by subscriber numbers and not by area codes. NONE in this field indicates that this country operates a closed system and does not use area code.
SUBSCRIBER	Character	10	The first digit(s) of a subscriber number

			range. Field contains '-' if numbers are identifiable by area codes and not by subscriber numbers.
MIN	Numeric	3	The minimum length of a number within this area code and/or subscriber number range, including area code and subscriber number but excluding trunk code.
MAX	Numeric	3	The maximum length of a number within this area code and/or subscriber number range, including area code and subscriber number but excluding trunk code.
TYPE	Character	1	A code to indicate the type of number: A=Marine B=Freephone/Toll Free C=Virtual calling cards D=Dial up access E=Emergency numbers F=Fixed geographic (fixed line) G=Paging H=Shared cost numbers I=Satellite J=Local rate number K=Fixed and mobile number L=Local authority numbers M=Mobile (GSM) P=Pay phone numbers N=Non-geographic subscriber numbers R=Routing numbers S=Service numbers and numbers not classified elsewhere T=Telecommunications company services U=Content Messaging (SMS) V=Internet/VOIP services W=VPN (Virtual Private Numbers) X=Premium rate numbers Z=Mobile (prepaid)

Thus, if the CODE field contains '-', the SUBSCRIBER field contains '2443', the MIN and MAX fields contain '8' and the TYPE field contains 'M', this indicates that all numbers for this country in the subscriber number range 24430000 and 24439999 are assigned mobile (GSM) numbers.

End