

## CallerID Fix for Firmware 2.2

This application try to solve a troublesome problem found especially in countries where iPhone is not distributed :

### **Caller ID Mismatch**

Number match between received Calls or SMS and the Address book happens only if some informations can be ignored , international prefix , trunk prefix ... generally don't saved because unnecessary to make a call .

Those informations are extrapolated from a database using as access key the country code in the Sim-card , if you see the number and not the name may be those informations are wrong or missing .

This application essentially replace the templates file with a corrected version .

See Appendix A for a list of the actual coverage .

The full path of this file for Firmware v2.2 is :

`/System/Library/PrivateFrameworks/AppSupport.framework/Default.phoneformat`

If application is Uninstalled the original file is restored from a backup copy `Default.phoneformat.bup` created during installation.

see Appendix B and C for problem solving

# Appendix A

## List of supported countries

- B** = Baseline in iPhone v 2.2
- A** = Added from CallerID Fix
- a** = Added from CallerID Fix (to be verified)
- M** = Modified from CallerID Fix

code	Country name	Int. Prefix	Template
AC	Ascension Island	247	<b>a</b>
AD	Andorra	376	<b>a</b>
AE	United Arab Emirates	971	<b>B</b>
AF	Afghanistan	93	<b>A</b>
AG	Antigua and Barbuda	1-268	<b>A</b>
AI	Anguilla	1-264	<b>A</b>
AL	Albania	355	<b>A</b>
AM	Armenia	374	<b>A</b>
AN	Netherlands Antilles	599	<b>A</b>
AO	Angola	244	<b>A</b>
AQ	Antarctica	672	
AR	Argentina	54	<b>B-M</b>
AS	American Samoa	1-684	<b>B</b>
AT	Austria	43	<b>B</b>
AU	Australia	61	<b>B</b>
AW	Aruba	297	<b>A</b>
AX	Åland Islands		
AZ	Azerbaijan	994	<b>A</b>
BA	Bosnia and Herzegovina	387	<b>A</b>
BB	Barbados	1-246	<b>A</b>
BD	Bangladesh	880	<b>A</b>
BE	Belgium	32	<b>B</b>
BF	Burkina Faso	226	<b>a</b>
BG	Bulgaria	359	<b>B</b>
BH	Bahrain	973	<b>A</b>
BI	Burundi	257	<b>a</b>
BJ	Benin	229	<b>a</b>
BL	Saint Barthélemy		
BM	Bermuda	1-441	<b>A</b>
BN	Brunei Darussalam	673	<b>a</b>
BO	Bolivia	591	<b>A</b>
BR	Brazil	55	<b>B</b>
BS	Bahamas	1-242	<b>A</b>
BT	Bhutan	975	<b>A</b>
BV	Bouvet Island		

BW	Botswana	267	<b>B</b>
BY	Belarus	375	<b>a</b>
BZ	Belize	501	<b>A</b>
CA	Canada	1	<b>B</b>
CC	Cocos (Keeling) Islands		
CD	Congo, the Democratic Republic of the	243	<b>a</b>
CF	Central African Republic	236	<b>B</b>
CG	Congo	242	<b>a</b>
CH	Switzerland	41	<b>B</b>
CI	Côte d'Ivoire	225	<b>B</b>
CK	Cook Islands	682	<b>a</b>
CL	Chile	56	<b>B-M</b>
CM	Cameroon	237	<b>B</b>
CN	China	86	<b>B</b>
CO	Colombia	57	<b>B</b>
CR	Costa Rica	506	<b>A</b>
CU	Cuba	53	<b>a</b>
CV	Cape Verde	238	<b>A</b>
CX	Christmas Island		
CY	Cyprus	357	<b>A</b>
CZ	Czech Republic	420	<b>B-M</b>
DE	Germany	49	<b>B</b>
DJ	Djibouti	253	<b>a</b>
DK	Denmark	45	<b>B</b>
DM	Dominica	1-767	<b>A</b>
DO	Dominican Republic	1-809 1-829	<b>B</b>
DZ	Algeria	213	<b>A</b>
EC	Ecuador	593	<b>B</b>
EE	Estonia	372	<b>B-M</b>
EG	Egypt	20	<b>B-M</b>
EH	Western Sahara		
ER	Eritrea	291	<b>a</b>
ES	Spain	34	<b>B</b>
ET	Ethiopia	251	<b>a</b>
FI	Finland	358	<b>B</b>
FJ	Fiji	679	<b>A</b>
FK	Falkland Islands (Malvinas)	500	<b>A</b>
FM	Micronesia, Federated States of	691	<b>a</b>
FO	Faroe Islands	298	<b>A</b>
FR	France	33	<b>B</b>
GA	Gabon	241	<b>A</b>
GD	Grenada	1-473	<b>A</b>
GE	Georgia	995	<b>A</b>
GF	French Guiana	594	<b>a</b>
GG	Guernsey		
GH	Ghana	233	<b>A</b>
GI	Gibraltar	350	<b>a</b>
GL	Greenland	299	<b>B</b>
GM	Gambia	220	<b>A</b>

GN	Guinea	224	<b>B</b>
GP	Guadeloupe	590	<b>B-M</b>
GQ	Equatorial Guinea	240	<b>B</b>
GR	Greece	30	<b>B</b>
GS	South Georgia + South Sandwich Island		
GT	Guatemala	502	<b>B</b>
GU	Guam	1-671	<b>A</b>
GW	Guinea-Bissau	245	<b>B</b>
GY	Guyana	592	<b>B-M</b>
HK	Hong Kong	852	<b>B</b>
HM	Heard Island and McDonald Islands		
HN	Honduras	504	<b>B</b>
HR	Croatia	385	<b>B</b>
HT	Haiti	509	<b>A</b>
HU	Hungary	36	<b>B</b>
ID	Indonesia	62	<b>A</b>
IE	Ireland	353	<b>B</b>
IL	Israel	972	<b>B-M</b>
IM	Isle of Man		
IN	India	91	<b>B-M</b>
IO	Diego Garcia	246	<b>a</b>
IQ	Iraq	964	<b>A</b>
IR	Iran, Islamic Republic of	98	<b>A</b>
IS	Iceland	354	<b>A</b>
IT	Italy	39	<b>B</b>
JE	Jersey		
JM	Jamaica	1-876	<b>B</b>
JO	Jordan	962	<b>B</b>
JP-JA	Japan	81	<b>B</b>
KE	Kenya	254	<b>B</b>
KG	Kyrgyzstan	996	<b>a</b>
KH	Cambodia	855	<b>A</b>
KI	Kiribati	686	<b>a</b>
KM	Comoros	269	<b>a</b>
KN	Saint Kitts and Nevis	1-869	<b>A</b>
KP	Korea, Democratic People's Republic of	850	<b>a</b>
KR	Korea, Republic of	82	<b>B</b>
KW	Kuwait	965	<b>A</b>
KY	Cayman Islands	1-345	<b>A</b>
KZ	Kazakhstan	7	<b>A</b>
LA	Lao People's Democratic Republic	856	<b>a</b>
LB	Lebanon	961	<b>A</b>
LC	Saint Lucia	1-758	<b>A</b>
LI	Liechtenstein	423	<b>a</b>
LK	Sri Lanka	94	<b>A</b>
LR	Liberia	231	<b>a</b>
LS	Lesotho	266	<b>a</b>
LT	Lithuania	370	<b>B-M</b>
LU	Luxembourg	352	<b>A</b>

LV	Latvia	371	<b>B</b>
LY	Libyan Arab Jamahiriya	218	<b>A</b>
MA	Morocco	212	<b>A</b>
MC	Monaco	377	<b>B</b>
MD	Moldova	373	<b>A</b>
ME	Montenegro	382	<b>A</b>
MF	Saint Martin (French part)		
MG	Madagascar	261	<b>B-M</b>
MH	Marshall Islands	692	<b>a</b>
MK	Macedonia	389	<b>A</b>
ML	Mali	223	<b>a</b>
MM	Myanmar	95	<b>a</b>
MN	Mongolia	976	<b>A</b>
MO	Macao	853	<b>B</b>
MP	Northern Mariana Islands	1-670	<b>A</b>
MQ	Martinique	596	<b>B</b>
MR	Mauritania	222	<b>A</b>
MS	Montserrat	1-664	<b>A</b>
MT	Malta	356	<b>B</b>
MU	Mauritius	230	<b>B</b>
MV	Maldives	960	<b>A</b>
MW	Malawi	265	<b>a</b>
MX	Mexico	52	<b>B</b>
MY	Malaysia	60	<b>A</b>
MZ	Mozambique	258	<b>a</b>
NA	Namibia	264	<b>a</b>
NC	New Caledonia	687	<b>a</b>
NE	Niger	227	<b>A</b>
NF	Norfolk Island		
NG	Nigeria	234	<b>A</b>
NI	Nicaragua	505	<b>B</b>
NL	Netherlands	31	<b>B</b>
NO	Norway	47	<b>B</b>
NP	Nepal	977	<b>A</b>
NR	Nauru	674	<b>a</b>
NU	Niue	683	<b>a</b>
NZ	New Zealand	64	<b>B</b>
OM	Oman	968	<b>A</b>
PA	Panama	507	<b>B-M</b>
PE	Peru	51	<b>B-M</b>
PF	French Polynesia	689	<b>B-M</b>
PG	Papua New Guinea	675	<b>a</b>
PH	Philippines	63	<b>B</b>
PK	Pakistan	92	<b>A</b>
PL	Poland	48	<b>B</b>
PM	Saint Pierre and Miquelon	508	<b>a</b>
PN	Pitcairn		
PR	Puerto Rico	1-939	<b>B</b>
PS	Palestinian	970	<b>a</b>

PT	Portugal	351	<b>B-M</b>
PW	Palau	680	<b>a</b>
PY	Paraguay	595	<b>B</b>
QA	Qatar	974	<b>A</b>
RE	Réunion	262	<b>B</b>
RO	Romania	40	<b>B</b>
RS-CS-SP	Serbia	381	<b>A</b>
RU	Russian Federation	7	<b>B</b>
RW	Rwanda	250	<b>a</b>
SA	Saudi Arabia	966	<b>B</b>
SB	Solomon Islands	677	<b>a</b>
SC	Seychelles	248	<b>a</b>
SD	Sudan	249	<b>A</b>
SE	Sweden	46	<b>B</b>
SG	Singapore	65	<b>B</b>
SH	Saint Helena	290	<b>a</b>
SI	Slovenia	386	<b>A</b>
SJ	Svalbard and Jan Mayen		
SK	Slovakia	421	<b>B</b>
SL	Sierra Leone	232	<b>a</b>
SM	San Marino	378	<b>a</b>
SN	Senegal	221	<b>B</b>
SO	Somalia	252	<b>a</b>
SR	Suriname	597	<b>a</b>
ST	Sao Tome and Principe	239	<b>a</b>
SV	El Salvador	503	<b>B</b>
SY	Syrian Arab Republic	963	<b>A</b>
SZ	Swaziland	268	<b>a</b>
TC	Turks and Caicos Islands	1-649	<b>A</b>
TD	Chad	235	<b>a</b>
TF	French Southern Territories		
TG	Togo	228	<b>a</b>
TH	Thailand	66	<b>B</b>
TJ	Tajikistan	992	<b>A</b>
TK	Tokelau	690	<b>a</b>
TL	Timor-Leste	670	<b>A</b>
TM	Turkmenistan	993	<b>a</b>
TN	Tunisia	216	<b>A</b>
TO	Tonga	676	<b>a</b>
TR	Turkey	90	<b>B</b>
TT	Trinidad and Tobago	1-868	<b>A</b>
TV	Tuvalu	688	<b>a</b>
TW	Taiwan, Province of China	886	<b>A</b>
TZ	Tanzania, United Republic of	255	<b>a</b>
UA	Ukraine	380	<b>A</b>
UG	Uganda	256	<b>A</b>
UK-GB	United Kingdom	44	<b>B</b>
UM	United States Minor Outlying Islands		
US	United States	1	<b>B</b>

UY	Uruguay	598	<b>B</b>
UZ	Uzbekistan	998	<b>A</b>
VA	Holy See (Vatican City State)	379	<b>a</b>
VC	Saint Vincent and the Grenadines	1-784	<b>A</b>
VE	Venezuela	58	<b>B</b>
VG	Virgin Islands, British	1-284	<b>A</b>
VI	Virgin Islands, U.S.	1-340	<b>A</b>
VN	Viet Nam	84	<b>A</b>
VU	Vanuatu	678	<b>a</b>
WF	Wallis and Futuna	681	<b>a</b>
WS	Samoa	685	<b>a</b>
YE	Yemen	967	<b>a</b>
YT	Mayotte	800	
ZA	South Africa	27	<b>B</b>
ZM	Zambia	260	<b>a</b>
ZW	Zimbabwe	263	<b>a</b>

## Appendix B

### Sim Unlock Adapter (yessim,turbosim,....)

Generally SIM adapters use a fake code 001 instead of your country code

So you need to edit a file (**for Expert only** or search it in local forum):

/System/Library/Frameworks/UIKit.framework/PhoneFormats/UIMobileCountryCodes.plist

You must add an entry to simulate that SIM is of your country:

```
<key>001</key>
```

```
<string>xx</string>
```

with instead of **xx** the lowercase identifier of your country (see previous list)

Argentina = **ar** , Ecuador = **ec** , Malaysia = **my** ....

someone have reported problems with firmware 2.1 (**also without sim adapter**)

resolved with modification of this file:

/private/var/mobile/Library/Preferences/com.apple.AppSupport.plist

CActiveCountryCode **xx**

CPNetworkCountryCode **xx**

verify presence of **xx** = lowercase identifier of your country (see previous list)

correct file size is 97 bytes (not 71 or 101 bytes)

#### Tools:

openSSH (Cydia) on iPhone

file transfer can be done with WinSCP on PC or CyberDuck on Mac

.plist binary files can be modified with pldedit.exe on PC or PlistEdit Pro on Mac

## Appendix C

### How Select Unsupported Countries (not all)

This is a method to select a country not present in Region Format list

1. install Erica Utilities via Cydia

2. use terminal of winscp via SSH or mobile terminal and type :

```
/usr/bin/plutil -s AppleLocale -v xx_XX /var/mobile/Library/Preferences/.GlobalPreferences.plist
```

with instead of **xx\_XX** the code of your country . Example Malaysia : **my\_MY**

attention to uppercase and lowercase !

3. respring or restart.

4. done.