

## Thuraya handheld terminals

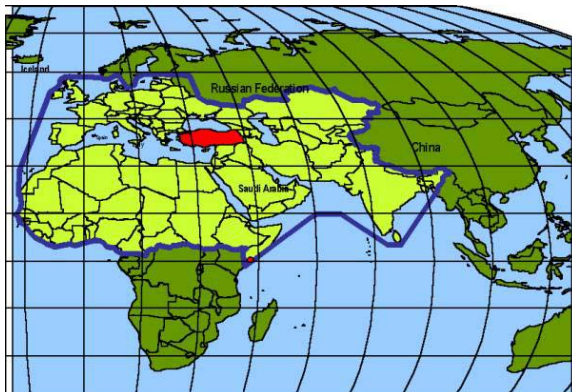
With the launch of its state-of-the-art geosynchronous mobile satellite system in the year 2000, Thuraya will extend innovative, uninterrupted mobile telecommunication service across an impressive coverage area spanning the Indian Subcontinent, Central Asia, the Middle East, North and Central Africa and Europe.

### THURAYA HANDHELD TERMINALS

#### User Terminal Features:

- Similar in size, weight and features to the GSM terminal.
- Location determination capability using GPS with an accuracy of 100m.
- Standard GSM Encryption Algorithm in GSM mode.
- GSM Standard equivalent Encryption Algorithm in Thuraya mode.
- 3V and 3/5V Plug-in SIM card compatible with the GSM.
- Quadrifilar Helix L-band Antenna.
- Li-Ion Battery with capacity 650 & 1200mAh.
- Talk time in the Satellite mode is 2.4 hours using the 650mAh battery and 4.5 hours using the 1200mAh battery.
- Standby time in the Satellite mode is 34.1 hours using the 650 mAh battery and 63 hours using the 1200 mAh battery.
- Serial port PC interface.

#### Coverage Map Thuraya



### The Telephones:



#### Features and Services:

- ⊙ Voice comparable to GSM
- ⊙ Fax/Data of 2.4, 4.8 and 9.6 Kbit/s
- ⊙ Standard GSM Phase 2 services

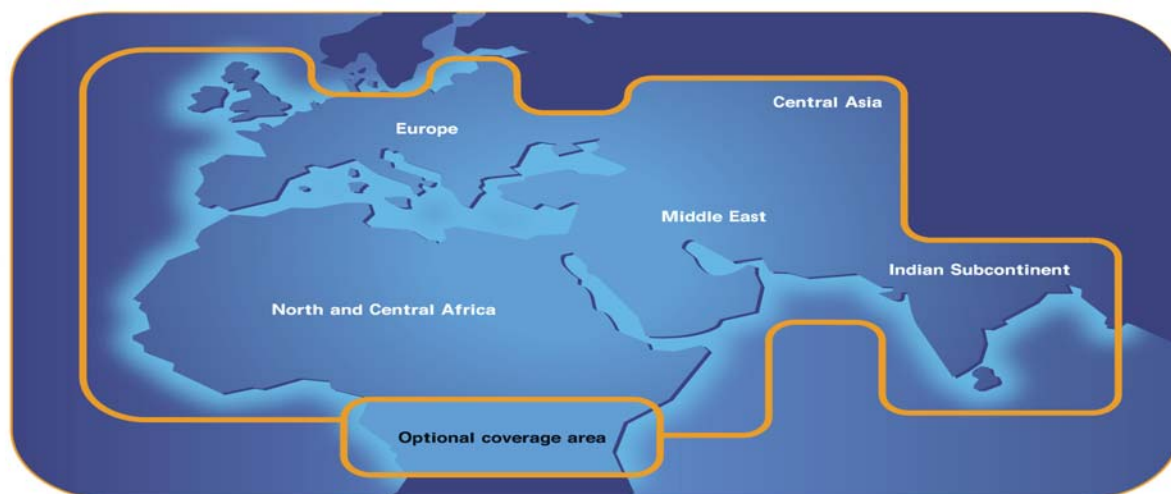
#### Hughes /Ascom mobile phone

User terminal types:

- ⊙ Handheld terminal (dual mode GSM/satellite)
- ⊙ Fixed docking station (optional)
- ⊙ Vehicular adapter (optional)
- ⊙ Maritime terminal (optional)

(version 4-01)

## Countries within the Thuraya coverage area



Afghanistan	Ghana	Nepal
Albania	Gibraltar	Netherlands
Algeria	Greece	Niger
Andorra	Guernsey	Nigeria
Armenia	Guinea	Oman
Austria	Guinea Bissau	Pakistan
Azerbaijan	Hungary	Palestine
Bahrain	India	Poland
Bangladesh	Iran	Portugal
Belarus	Iraq	Qatar
Belgium	Ireland	Romania
Benin	Isle of Man	Russia
Bhutan	Italy	Saudi Arabia
Bosnia Herzegovina	Ivory Coast	Senegal
Bulgaria	Jersey	Sierra Leone
Burkina Faso	Jordan	Slovakia
Cameroon	Kazakhstan	Slovenia
Central African Republic	Kuwait	Somalia
Chad	Kyrgyzstan	Spain
Croatia	Latvia	Sri Lanka
Cyprus	Lebanon	Sudan
Czech Republic	Liberia	Switzerland
Denmark	Libya	Syria
Djibouti	Liechtenstein	Tajikistan
Egypt	Lithuania	Togo
Eritrea	Luxembourg	Tunisia
Estonia	Macedonia	Turkey
Ethiopia	Mali	Turkmenistan
FR of Yugoslavia	Malta	Ukraine
France	Mauritania	United Arab Emirates
Gambia	Moldova	United Kingdom
Georgia	Monaco	Uzbekistan
Germany	Morocco	Yemen