

**SIERRA FOOTHILLS
AMATEUR RADIO
CLUB**

**TECH TEN
PRESENTATION**

JAN 14, 2011

ZONES, SECTIONS AND REGIONS

WHAT ARE THEY??

**They are lines drawn
on a map by various
identities that divides
the world (or areas)
into units.**

Who decides what is a region, zone or section?

- The governments of the world.**
- Amateur radio organizations.**
- Anyone else that so desires to.**

(After all they are just lines on a map)

What are they used for?

- Governments use them for regulatory purposes.
- Amateur radio uses them to organize groups of amateurs in geographical areas.
- These zones and regions are often used in contests, etc.

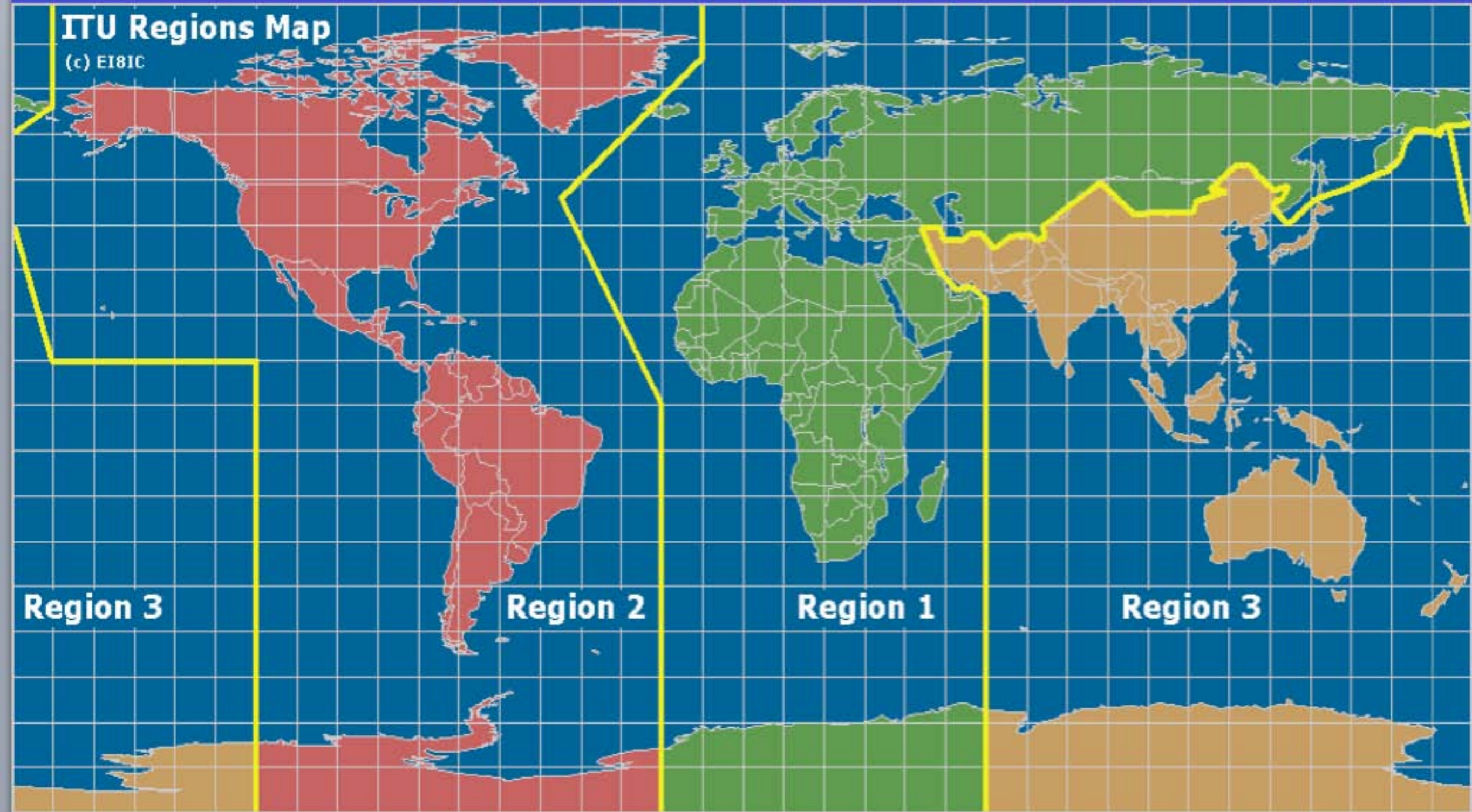
The **International Telecommunication Union** (*ITU*) is an agency of the United Nations which regulates information and communication technology issues. The *ITU* coordinates the shared global use of the radio spectrum, promotes international cooperation in assigning satellite orbits, works to improve telecommunication infrastructure in the developing world and establishes worldwide standards.

The ITU has divided the world into regions and zones for purposes of coordinating the use of radio frequencies.

ITU REGIONS

ITU Regions Map

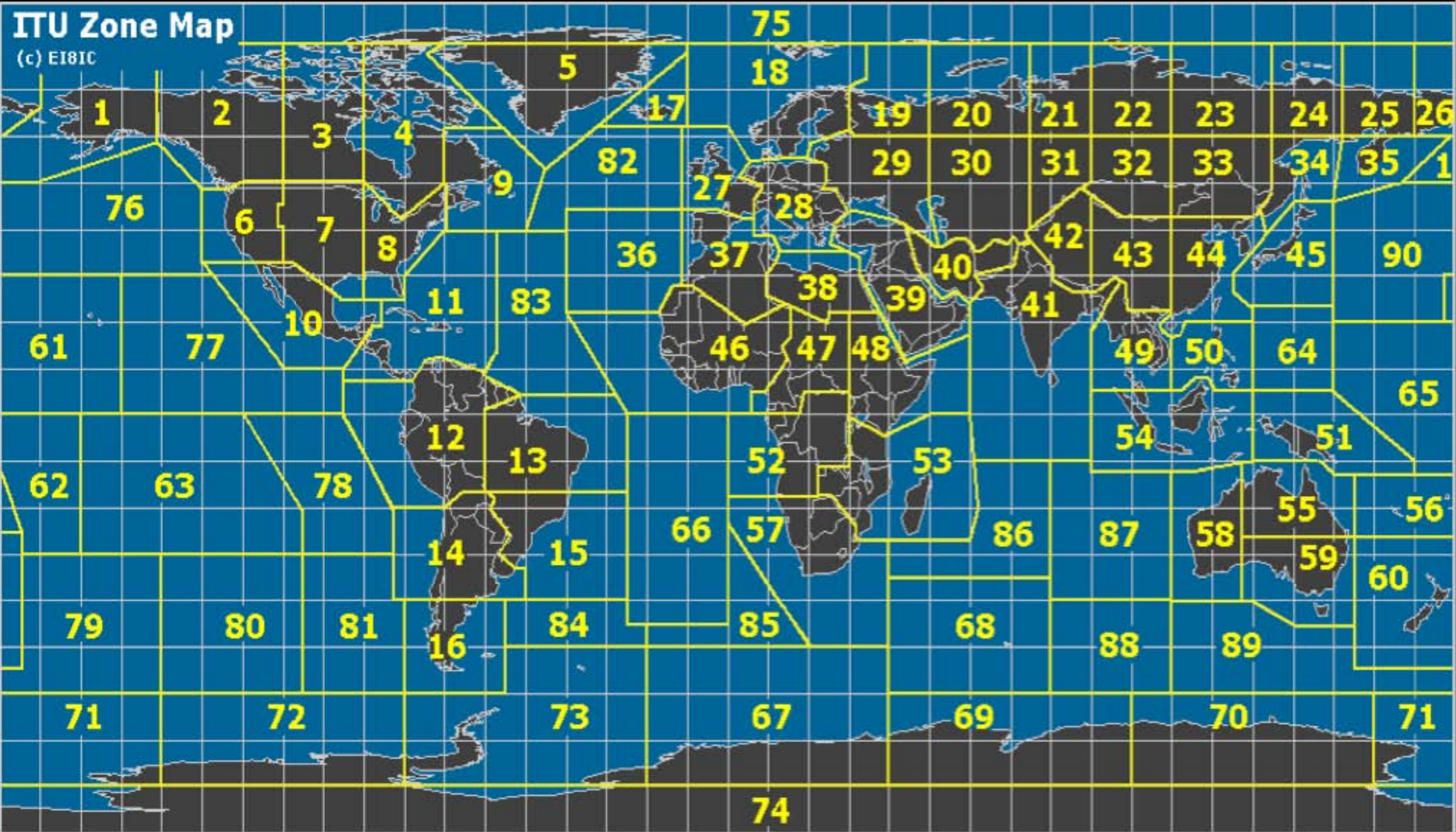
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ITU ZONES

ITU Zone Map

(c) EIBIC



ITU ZONES IN THE UNITED STATES

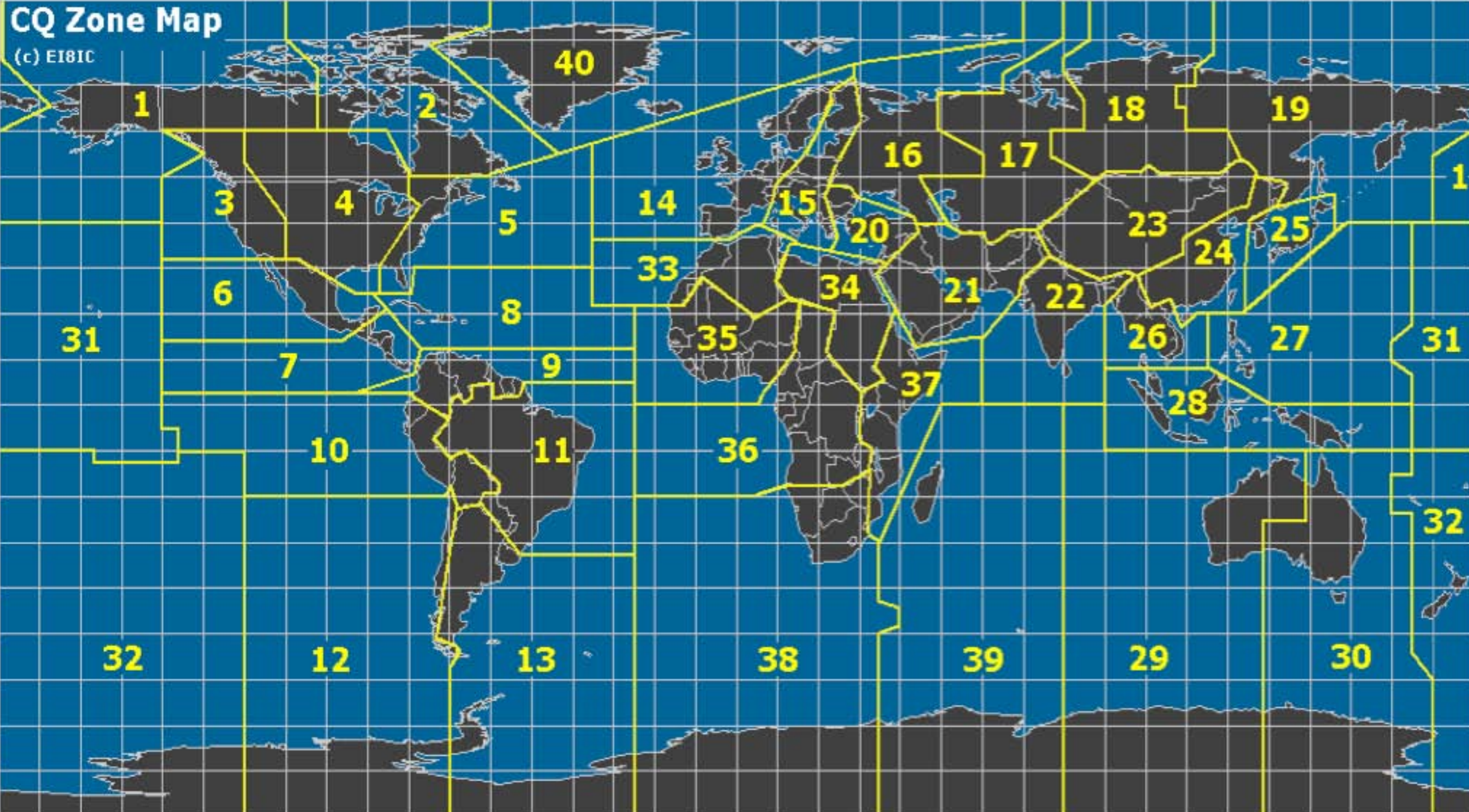


The CQ Magazine
sponsors many
contests. They have
created CQ ZONES
to facilitate these
contests.

CQ ZONES

CQ Zone Map

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THE ARRL AND RAC GOT INTO THE ACT!!

They created sections for administrative purposes. They are also used for many contests and for field day.

ARRL SECTIONS IN CALL SIGN AREA 6

EAST BAY

EB

LOS ANGELES

LAX

ORANGE

ORG

SANTA BARBARA

SB

SANTA CLARA VALLEY

SCV

SAN DIEGO

SDG

SAN FRANCISCO

SF

SAN JOAQUIN VALLEY

SJV

SACRAMENTO NALLEY

SV

PACIFIC

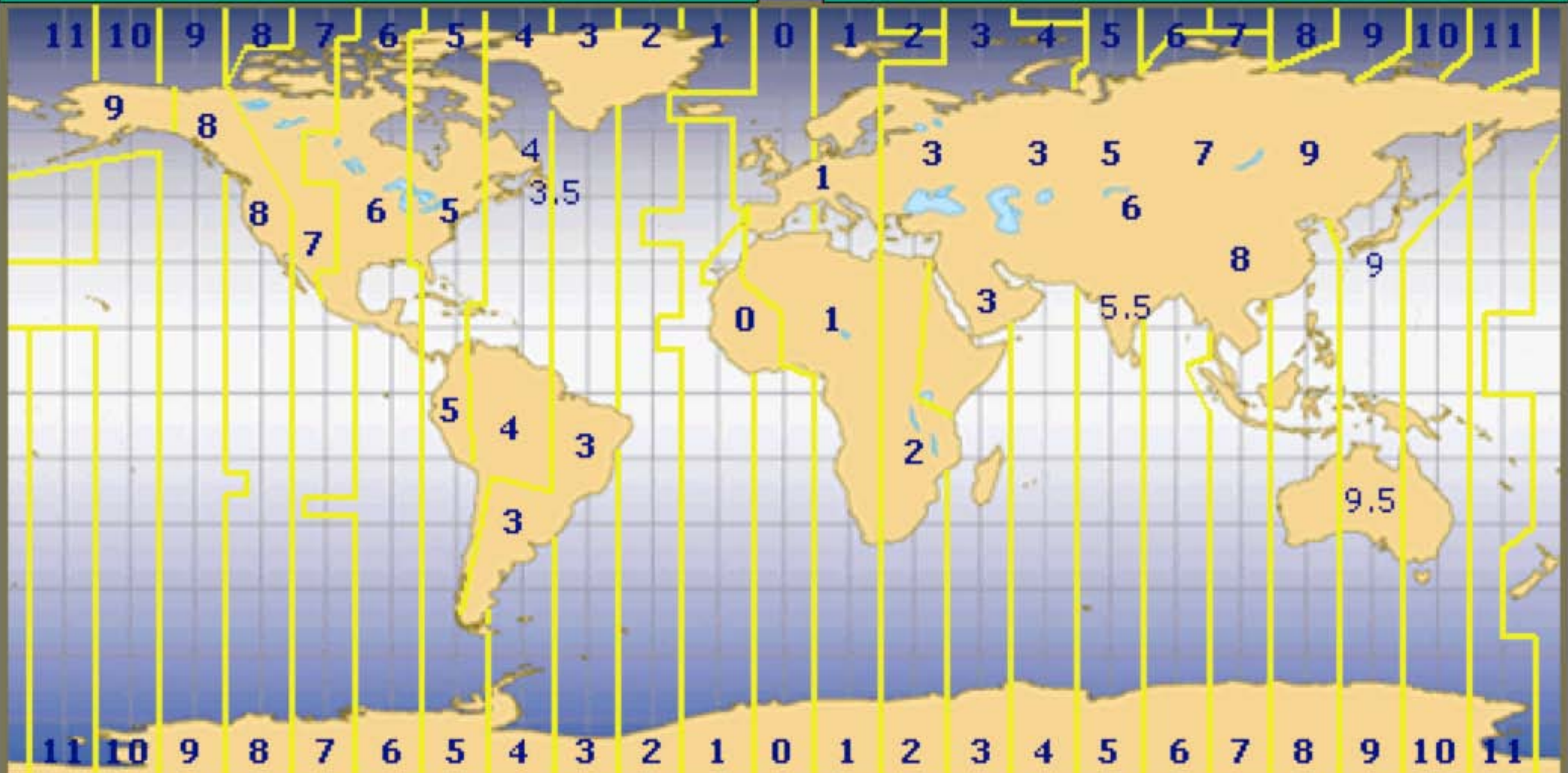
PAC

The next slide shows the world time zones. To get the time in any part of the world you take the time zone number and add or subtract from the UTC time.

TIME ZONES

UTC MINUS TIME ZONE

TIME ZONE PLUS UTC



Auburn, California

- **ITU REGION** **2**
- **ITU ZONE** **6**
- **CQ ZONE** **3**
- **ARRL SECTION** **SV**

**Hopefully this has been of some
value to you.**

73 Chuck Baker AE6LR