ITU-T SG2 & Misuse of E.164 Numbers

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Introduction

- Resolutions and Recommendations

- Global vs. National Numbering Resources

- Assessment of Current Misuse Types

- Possible future ITU SG2 Actions and Requirements?

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Resolutions and Recommendations

- Resolution 61
  "Misappropriation of international telecommunication numbering resources"
  - Member State Focussed
  - SG2 to study misappropriation of international country codes

- Recommendation ITU-T E.156
  "Guidelines for ITU T action on reported misuse of E.164 Numbers"
  - Global Number Focussed
  - Defines (some) misuse

Global vs. National Numbering Allocation

• ITU Recommendations • Simple Rules • ITU TSB Director Control • Country Code Focus • Ease of Resolution	• National Numbering Rules • Complex Rules • CS/CV & National Sovereignty Control • All elements of E.164 Number • Complex Resolution

Assessment of Current Misuse Types

- National Number Focus
- 15 of the 21 reports (2005-2012)
  - Artificial Inflation of Traffic   3
  - Use of an unassigned Number   4
  - Rogue Web Diallers   2
  - Subscription Fraud   2
  - Short Stopping   4
- 9 of the 15 reports had the following action taken
  - Numbers were Blocked   4
  - Insufficient information for Action   1
  - No action Possible/resolved   3
  - ITU-TSB to investigate further   1

Possible future ITU SG2 Actions and Requirements - questions to be answered

- Is ITU-T Rec. E.156 "Guidelines for ITU T action on reported misuse of E.164 Numbers" up to date?

- Should ITU-T Rec. E.156 "Guidelines for ITU T action on reported misuse of E.164 Numbers" cover more than the original web dialler that it was originally conceived for?

- If Yes then what?

- Is misuse really a problem given 21 cases against millions of numbers that exist and calls that are made? or

- Is there sufficient promotion and awareness of the reporting process to potential reporters of misuse?