“Contest as a drill”

Ron Yatziv - 4X1IG

June 2019
Target

Everyone on the same page.
Getting IARC EmComm group on its feet.

Again
### Scenarios

<table>
<thead>
<tr>
<th>Class-</th>
<th>S1</th>
<th>S2</th>
<th>S3</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMR repeaters (Emergency/Overseas)</td>
<td>✓</td>
<td>?≈</td>
<td>✗</td>
</tr>
<tr>
<td>Analog repeaters</td>
<td>✓</td>
<td>?≈</td>
<td>✗</td>
</tr>
<tr>
<td>VHF/UHF - Simplex</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>HF - SSB</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Power</td>
<td>✓</td>
<td>?≈</td>
<td>?≈</td>
</tr>
</tbody>
</table>

"Contest as a drill" When All Else Fails... Amateur Radio Works
Scenario 3
Scenarios/response/situations/emergencies

All scenarios go into 1 or more of 3 modes:

- The need to backup/extend the communication system
- Communication networks fall
- A prolonged fall of electricity
The network

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“Contest as a drill” When All Else Fails... Amateur Radio Works
Nearby
The network in S2-S3 emergency - continuity

• 3-4 independent mobile stations containing:
  • Simplex
  • Repeaters
  • HF - local NVIS, DX
  • Digital UHF-DMR, HF-WinLink
  • HFLINK-ALE
  • Computers
  • Power

• Volunteer operators at home / field
• Central operating station - bunkered
Keep’em fit - Exercise

• Independent local exercises
• Joint exercises - in Israel
• Joint exercises - with Europe
• Outdoor operating - WCA/Lighthouses/Christmas
• Field days
• Contests
Contest as drill

• Getting IARC members involved in EmComm operating.
• Dusting equipment and operating.
• Smartly taking them to the field.
• Getting info on strategic sites.

A contest is a huge motivator
Contest - basics

- 2x2 hours mid-day during national vacation
  - 2 hours VHF/UHF (simplex!)
  - 2 hours HF (80/60/40m)
- Basic score is distance (GS to GS)
- QTC points to relay 2 stations (simple)
Thank you.

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