



Telecommunications Support for WHO in Disasters



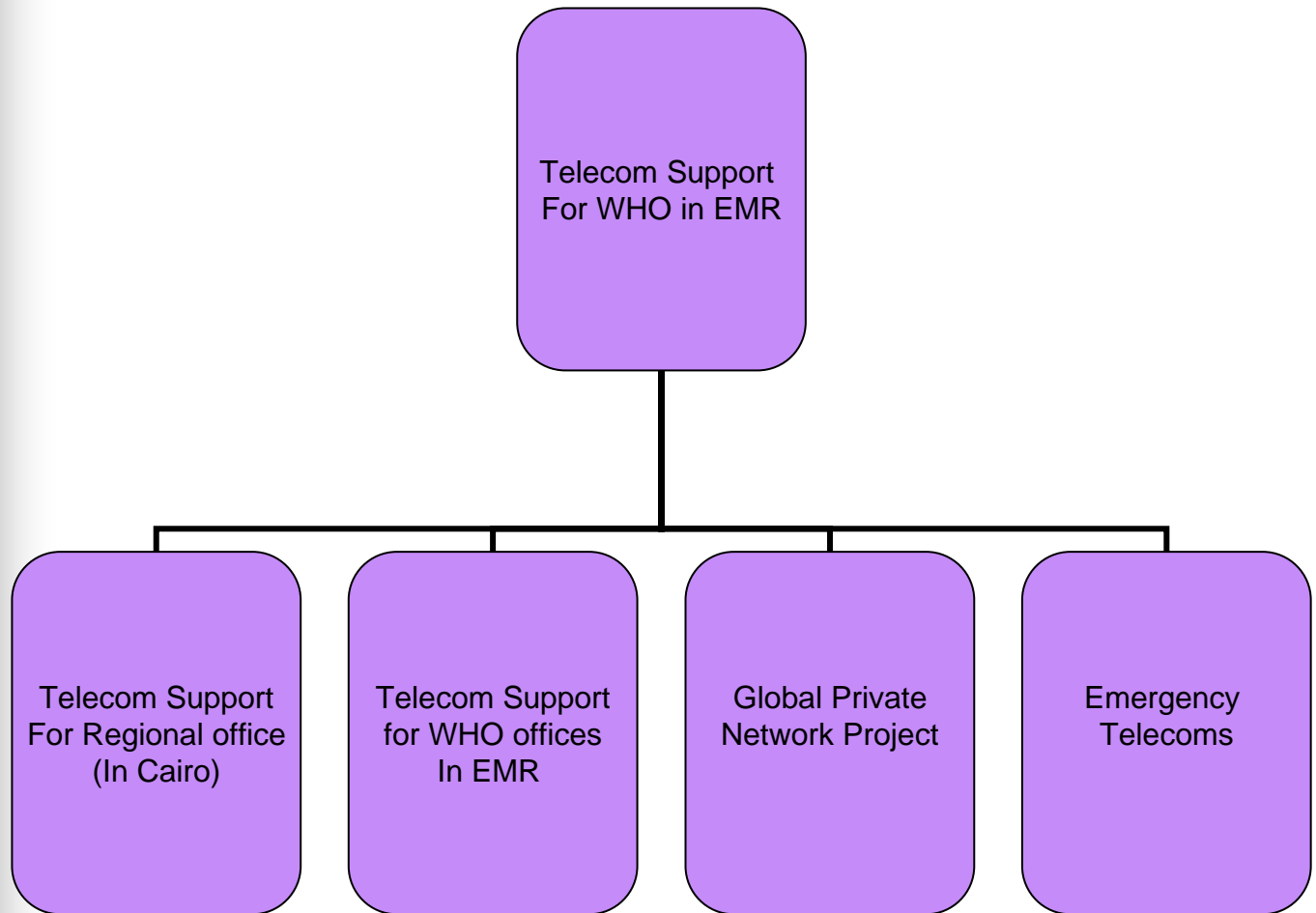
Prepared by Khaled Shams
Information Technology and Telecommunications Unit
WHO/EMRO
Regional Conference on Disaster Relief and Management
Alexandria 13-17 April 2007



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- WHO/EMRO Telecom services
- Latest Major Emergencies in EMR
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- EMRO Emergency Telecoms Support plan

Telecommunication Support for WHO in EMR



Latest Major Disasters in Eastern Mediterranean Region

- Afghanistan 2002
- Iraq 2003
- Darfur/Sudan 2004
- Bam/Iran 2004
- Pakistan 2005
- Lebanon 2006
- ????? Let's hope nothing else









WHO Telecommunication requirements in Disasters

- WHO staff in emergency locations
- WHO Vehicles
- WHO operational hubs/sub-offices in affected areas
- WHO Emergency Coordination Center (usually in the Capital)
- WHO Regional Office in Cairo
- WHO HQ in Geneva
- Media, local authorities & partners

H.O

Office

عالمی
ادارہ
صحت

JN - WHO

QUAKE RELIEF TEAM





WHO Telecommunication requirements in Disasters

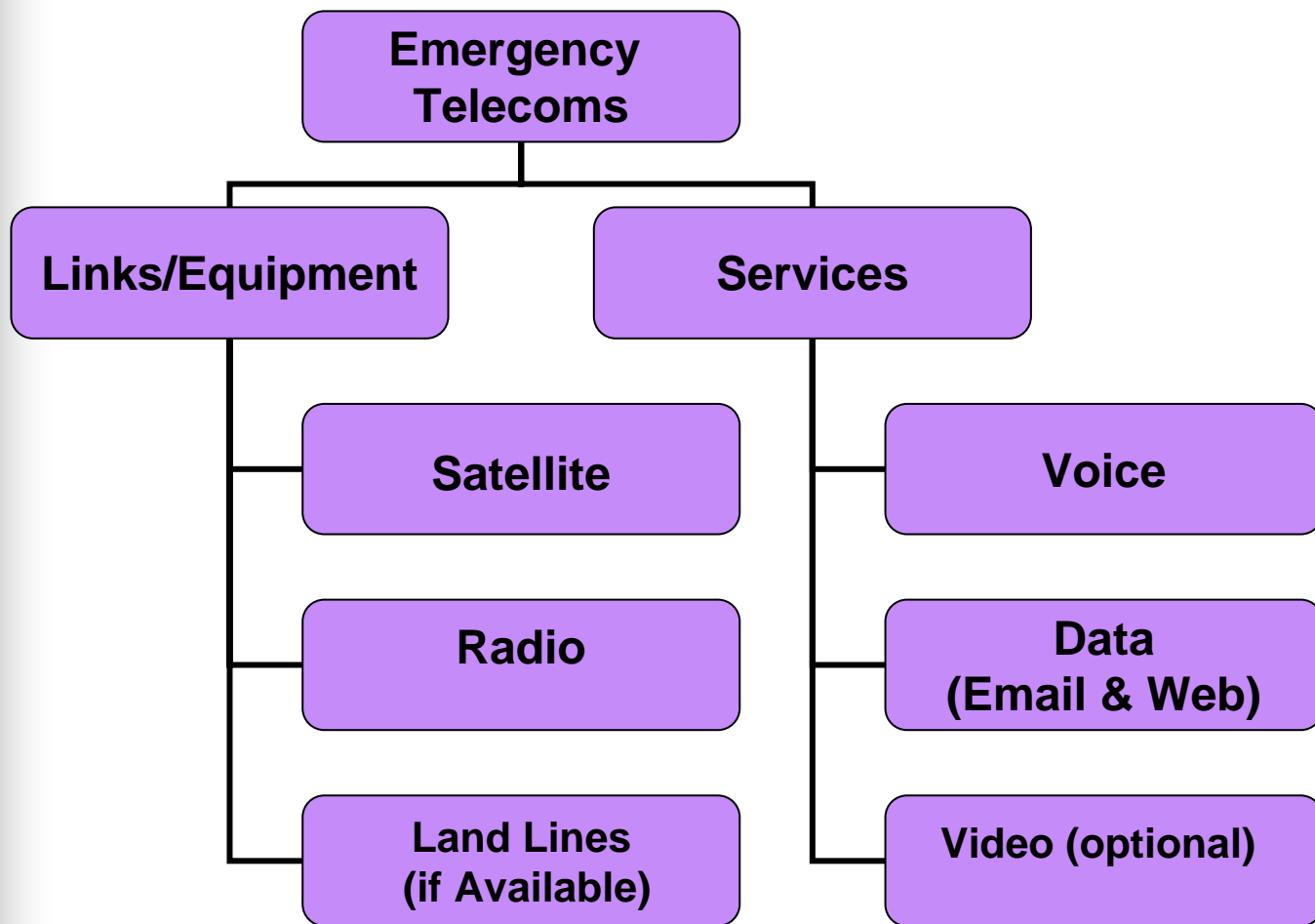


Use of
Telecoms
in Disasters

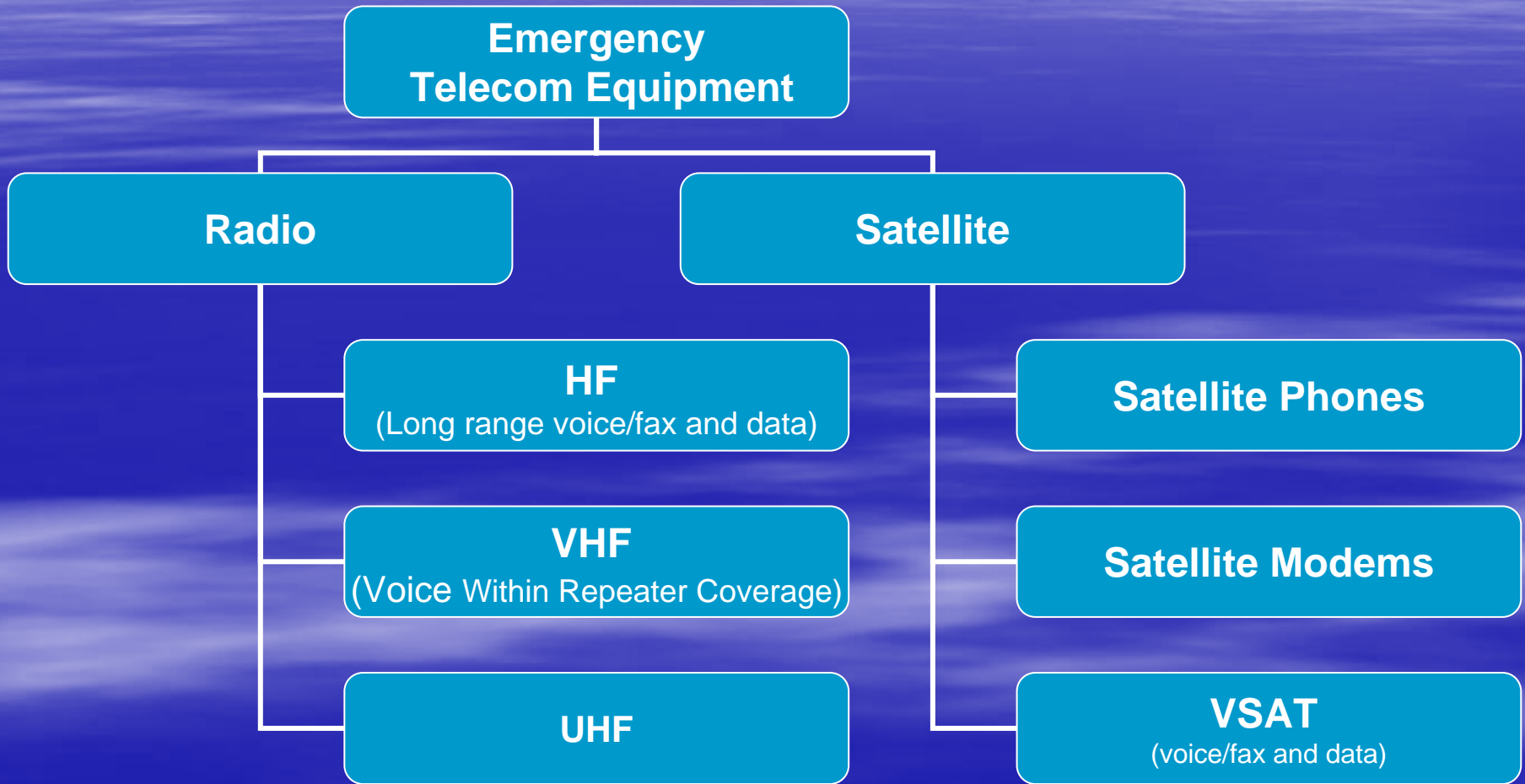
Operational

Staff Security

Emergency Telecommunications Support



Emergency Telecom Equipment



Emergency Telecoms Equipment

Radio Telecommunications:

- **VHF:** Handheld- Mobile- Base



- **HF:** Mobile- Base





JAPAN STANDARD
BATTERY



SAZEL

MURAYA

440313877553
440314181557

CHINA



N

LAND ROVER

U.M. ٧٦
للصحة
٢٤
VLZ



Emergency Telecom Equipment

Satellite Communications:

- **Satellite phone:** Thuraya – Inmarsat-Iridium



- **Satellite Modem:**



- **VSAT:**









THURAYA



Europe

Central Asia

Middle East

Indian Subcontinent

North and Central Africa

Video Conferencing Equipment

- Video: Polycom

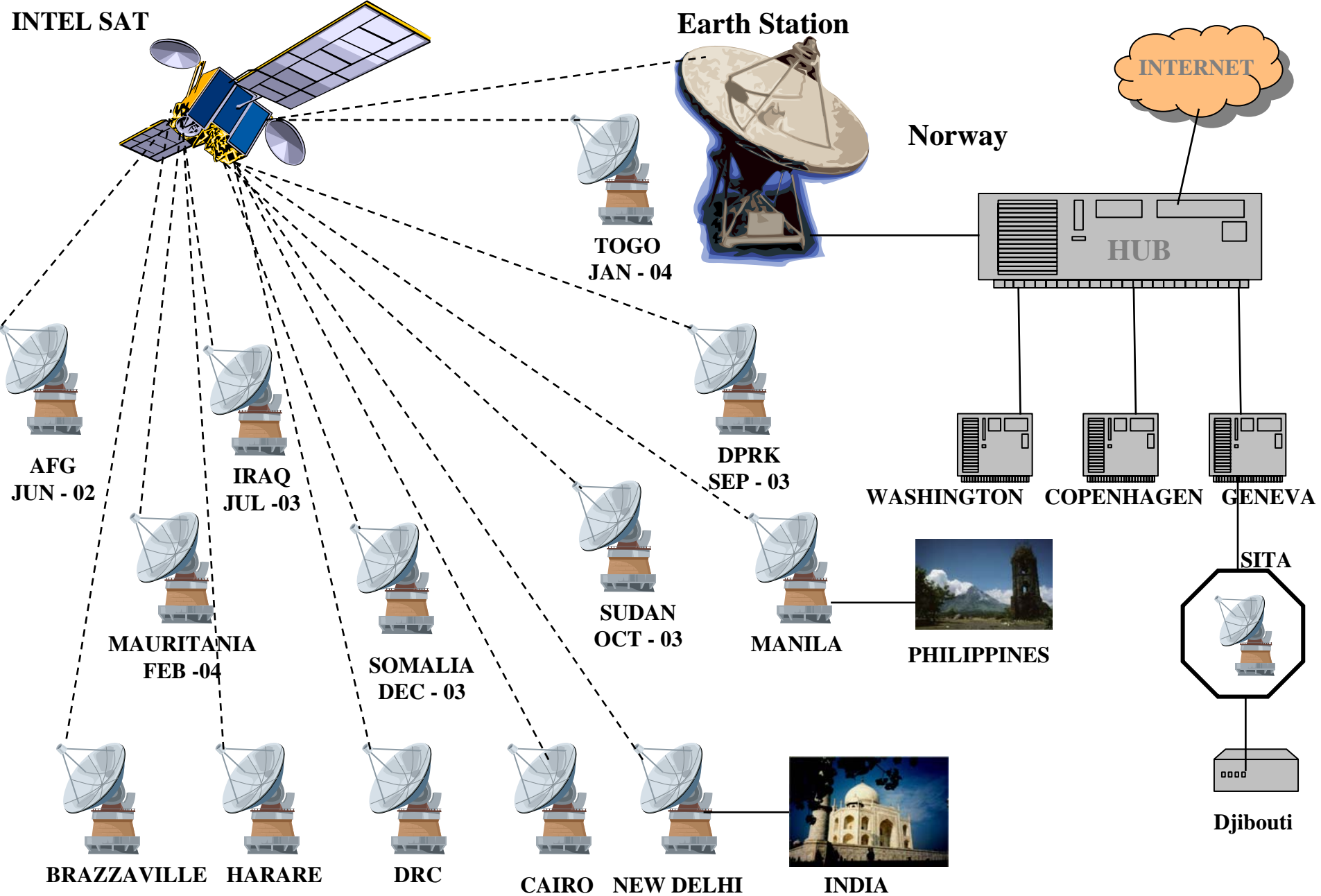


- Audio: Polycom SoundStation VTX



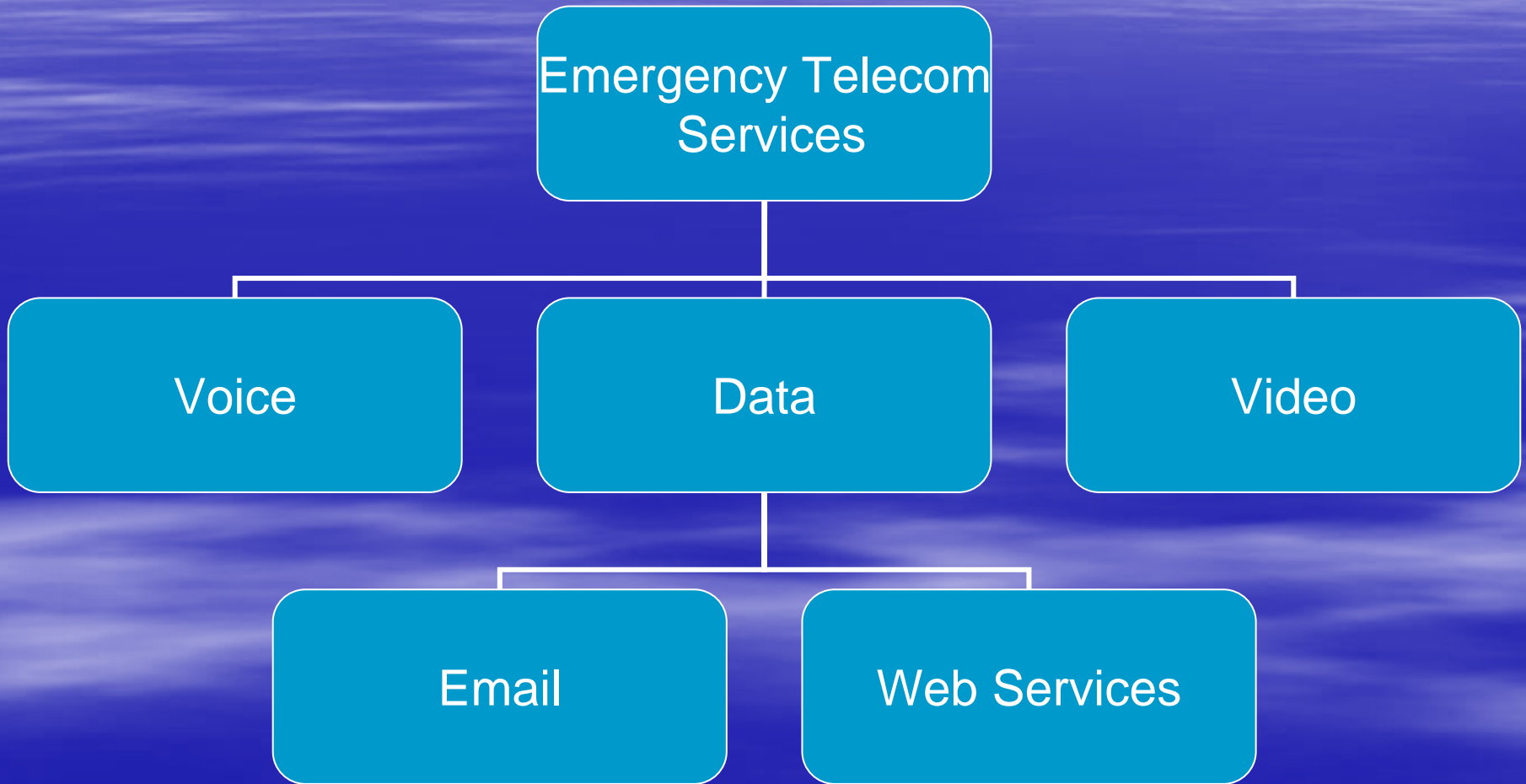
INTEL SAT

Earth Station



WHO Global Private Network

Emergency Telecom Services



Challenges of Telecom Support in Emergencies

- Time factor is critical
- Availability of equipment
- Logistics of importing equipment
- Availability of human resources
- Staff security
- Access to Affected areas
- Working under a lot of stress









UN-100W



CUT HERE IN EMERGENCY

EMRO Emergency Telecoms Support plan

- Regional stock for Emergency Telecom equipment
- Emergency Telecoms Training for WHO ICT staff in EMR Countries
- Training for WHO staff on using emergency Telecoms equipment





Thanks

