

Digital Broadcasting for alarm & rescue - - case study in China

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Why Broadcasting

- Only possible solution to deliver alarm messages to all terminals simultaneously
- Only network to survive in serious disasters
- Much cheaper to cover big area
- Much easier to manage

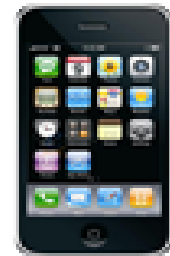


Yellow rain warn
ing by mete offi

University Alarming Message



Person DAB radio



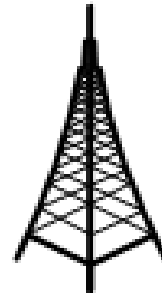
mobile phone with DAB
receiving



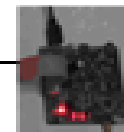
USB Dongle to
Computer



Public TV sets with DAB receiving



DAB Transmitting



DAB loudspeaker

New operation mode

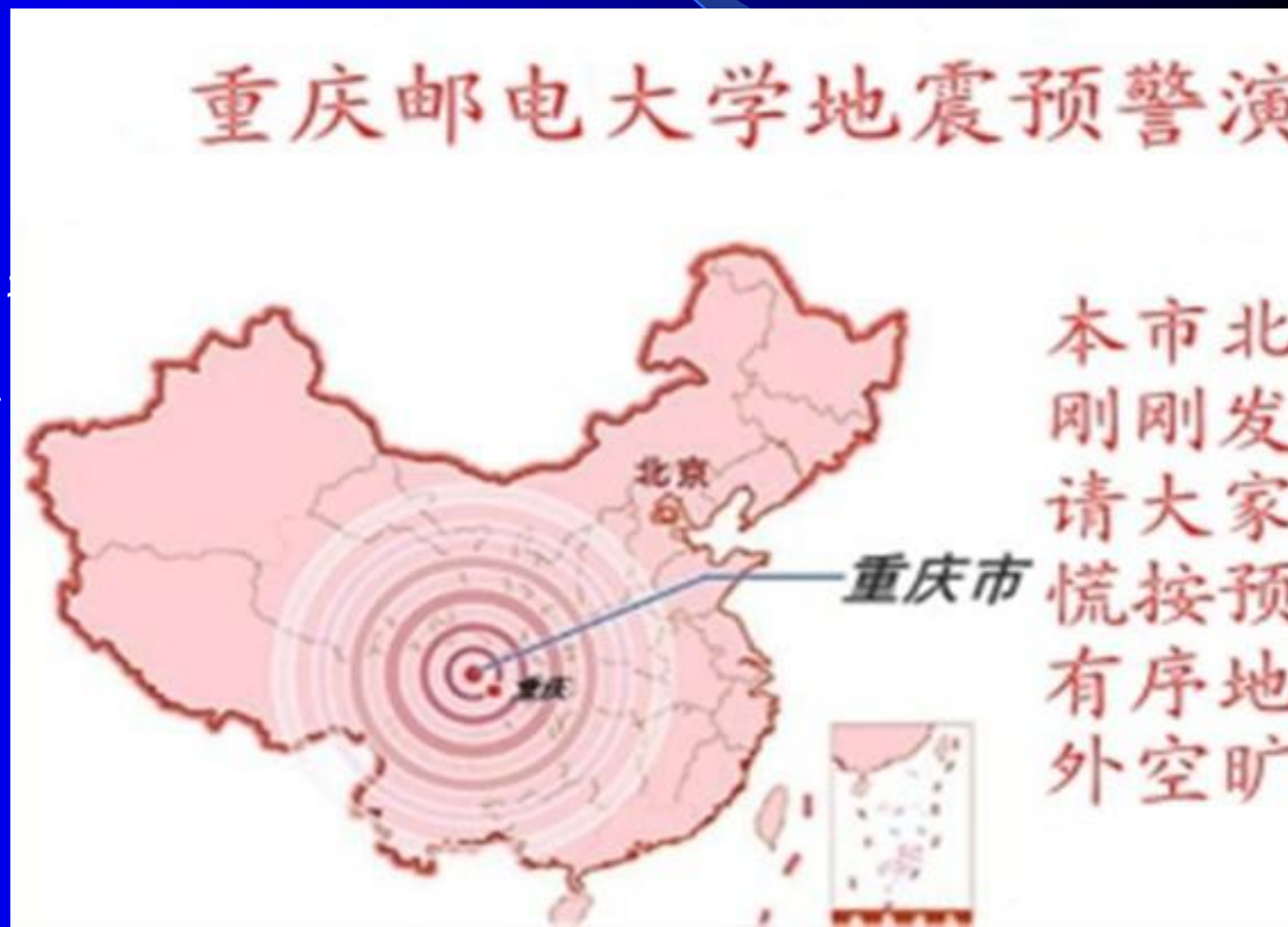
- Along with personal/family terminals, plenty public terminals are provided.
- Instead of voice and video, picture/text are main contents.
- Terminals triggered/controlled by transmitter. without user turning off or selecting.
- All these ensures authority, specialty, compulsion and wide coverage

DAB for alarm

- In emergency, all terminals will be woken up within one minute
- to deliver sound + text + picture + flush
- Distinguished by
 - plenty public terminals, - - everywhere
 - shock effect, - - no one ignore
- to ensure as much people as possible to get alarm messages at the first time.

Yellow Rain Warning
by Meta Offi

Alarm with
LED & LCD
together with
loudspeakers
and other
terminals



DAB for alarm



BLUE WARNING

Another cool day
with a scattering of
blustery and heavy
rainfall blown in by

Alarm

By Met office a strong wind

DAB for rescue management

- After serious disaster, traffic, internet and communication are all down, broadcasting may be only survive technique
- DAB could be used to deliver instructions to manage evacuation via public terminals
- could coordinate medical, fire brigade and rescue staff via personal terminals

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_4333

