Using Compact Doppler Radar “WITH Radar” Network for Detecting Local Weather Phenomena

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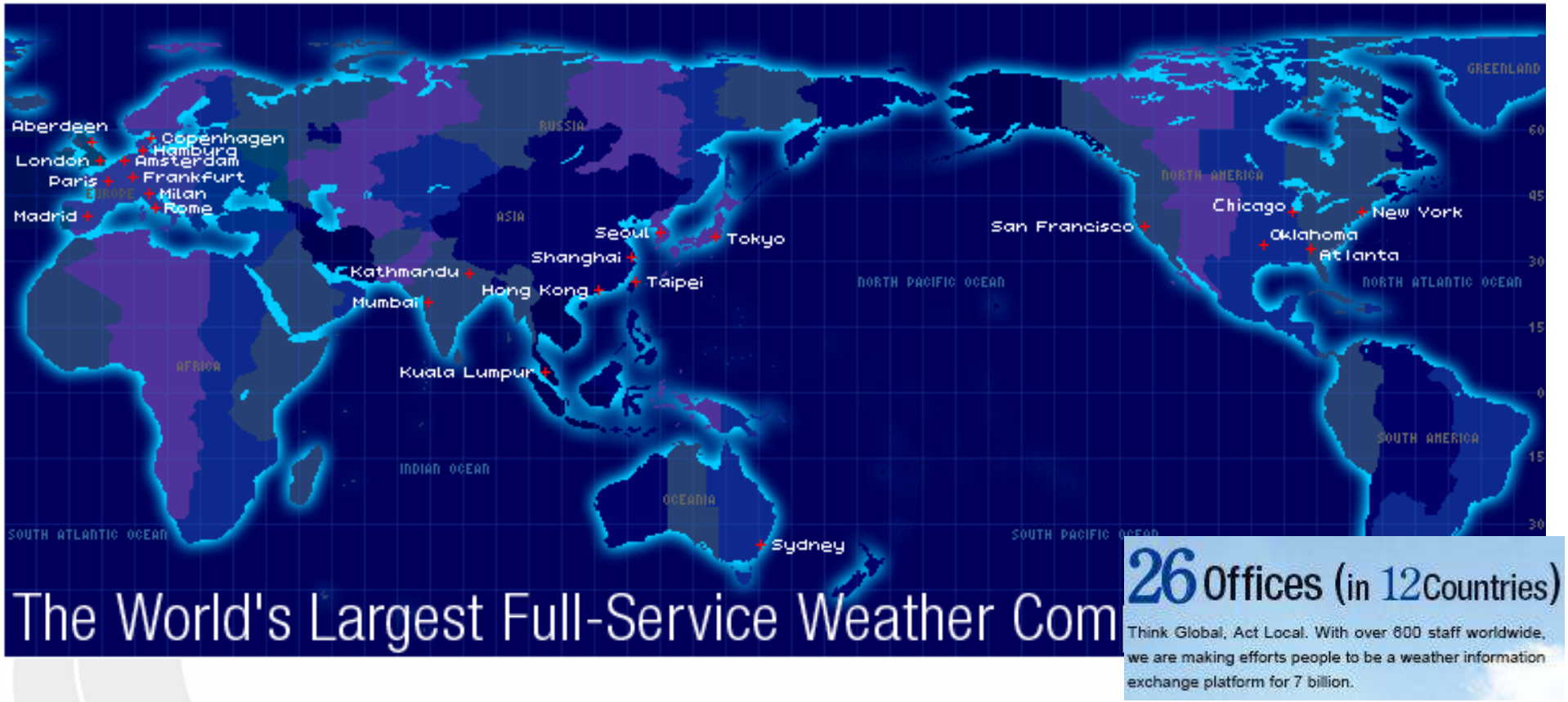
0. CONTENT

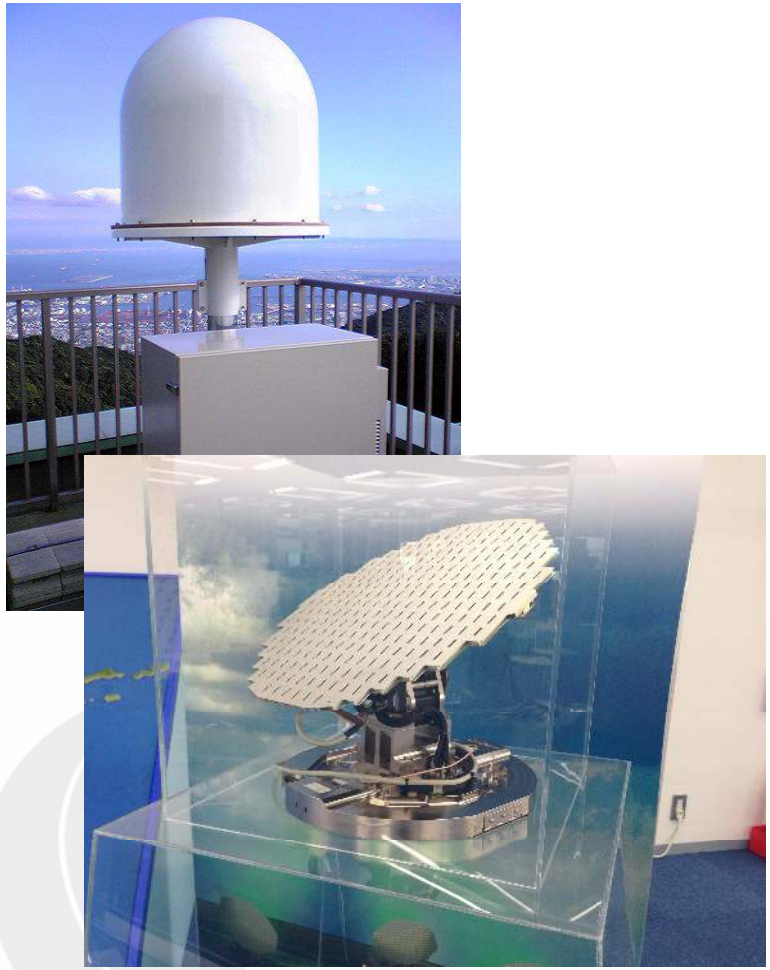
1. About Us

Transporation market etc

1. World network



2. WITH Radar

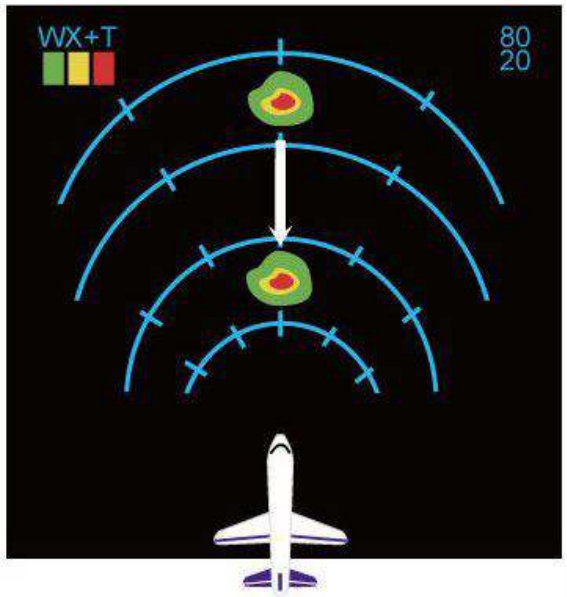


- WITH Radar is set up 80 area in Japan
- Nearby Highway and Railway

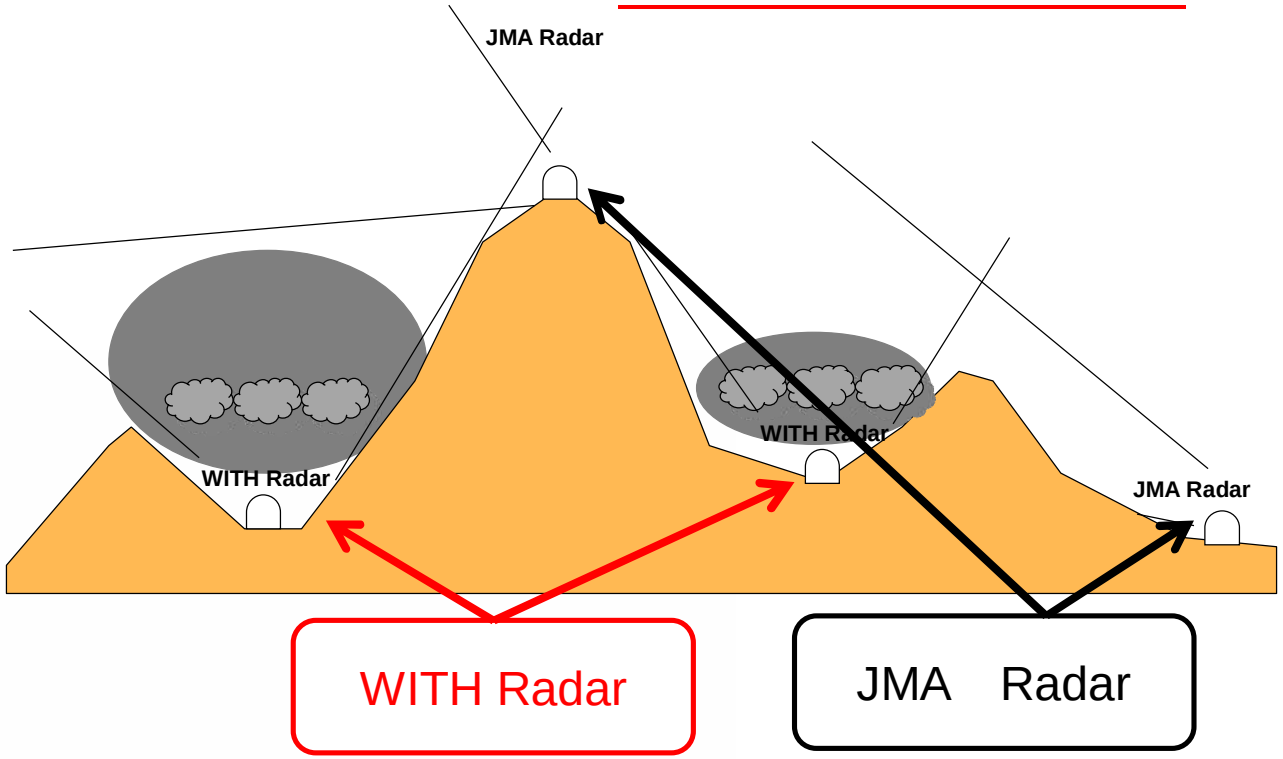
2.WITH Radar' merit

<The Characteristics of WITH Radar>

1) WITH Radar was originally developed from aircraft radar



2) The compact composition of WITH Radar,
WITH Radar set up to detect the area
where JMA Radar didn't.



2.Compare WITH Radar with JMA Radar

<Technical Particularities of WITH Radar>

	WITH Radar	JMA Radar
Min. Observation Altitude (km)	1~2	over 2
Detection Range (km)	50	250
Observation Intervals (sec)	6	300
Resolution (m) grid	150	1,000
Observation Factors	- Precipitation intensity - Doppler speed - Precipitation phase differenciation	- Precipitation intensity - Doppler speed

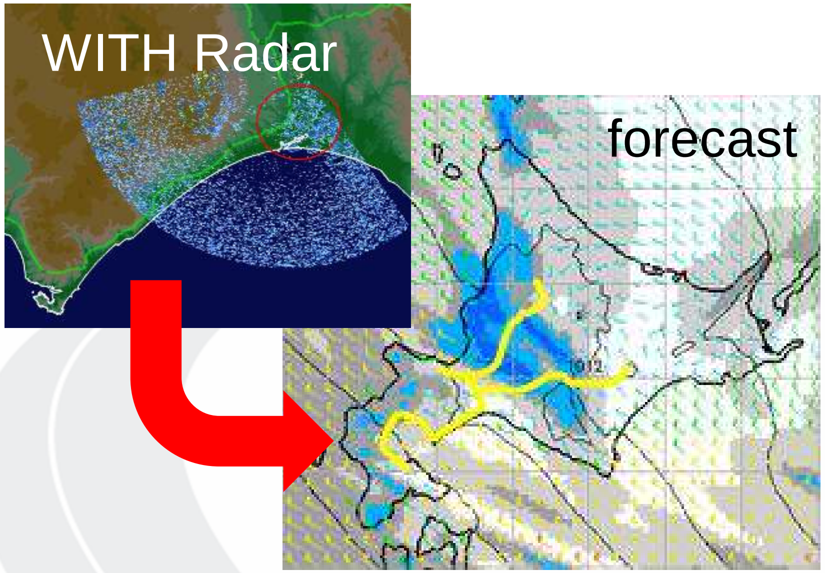
2.WITH Radar

3.Conclusion

1)WITH Radar is detect snowfall early in comparison JMA Radar

2)Effective forecast & Early notification for road maintenance and drivers.

Effective forecast



Early notification(for Drivers)

Thank you very much for your attention

Gracies

Wait for your participate

TOKYO 2020

Please send e-mail, if you have any questions.

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