GRUAN Station Report for Singapore

(Submitted by Lesley Choo)

Summary and Purpose of Document

Report from the GRUAN station Singapore for the period March 2015 to March 2016.
Overview
We are in the process of preparing the Singapore Upper Air station for certification as a GRUAN site. Measurement programmes that may contribute to GRUAN data streams in the future include:
- 00 UTC and 12 UTC daily radiosondes releases
- Twice daily PW readings based on GNSS
- Monthly ozonesonde releases

Change and change management
New site, not applicable.

Resourcing
Nil

Site assessment and certification
We are in the process of seeking funding for enhancing our upper air system to support the requirements of GRUAN. Once funding is approved, we will proceed with acquisition and installation of the additional equipment. The procurement and implementation of the GNSS system might require a bit more time because the process is more involved, and we are looking at early 2017 for the complete certification process.

GRUAN-related research
Nil at this moment.

WG-GRUAN interface
It will be very helpful if GRUAN could provide an official letter indicating the need to acquire the humidity chamber/ CFH instruments from a particular supplier. This will help facilitate our procurement process as direct purchases from single suppliers would require additional internal justifications.

Items for ICM-8 plenary discussions
Nil at the moment.

Future plans
Setting up of the GRUAN site
- Commence daily radiosonde data flow to GRUAN
- Acquisition and installation of GNSS system
- Acquisition of Humidity chamber

1. Pending clearance from Singapore Civil Aviation Authority