

Task Team Radiosondes

1. The task list
2. Ground Check/Calibration for RS92
3. RS92 data product document
4. New tasks? (or remove some tasks?)

1. “too many tasks”?

- Re-organize some tasks? e.g., FPH/CFH/SW, by inviting Dale and Holger
- New members? Rigel Kivi (Sodankyla), Nobuhiko Kizu (Tateno), Li Wei (Xilinhot) (experts from GRUAN sites)
- Separate task team for some particular group of tasks? e.g., ozonesondes (but not now)

2. Ground Check/Calibration for RS92

- We understood there are issues here (took half the time):
 - Some sites are making their own additional GCs (e.g., Lindenberg, Tateno, Lauder)
 - 100%/97%RH pot? THref?
 - Auto-launcher issue
 - Manufacturer should do what?
 - “consistent procedures across the network”
- Start with gathering info from sites
- Franz leads this RS92 issue (and LC & WG articulate all other surf-meas inputs)

3. RS92 data product document

- Review by experts at sites would be valuable and critical will be reviewed by the GRUAN community during the second review round
- For the RS92 time-lag and mean bias correction algorithms, “meta-intercomparison” or “intercomparison of intercomparisons” should be covered by Kats, Miloshevich, Immler

4. New tasks

- Dual Sounding Configuration (how to hang and why) □ Hannu gather info/thoughts from HMEI, CIMO, sites, etc.
- Descent data/ control descent □ Research at Payerne by next meeting
- Auto-launch vs. manual launch □ Kivi, Madonna, Kizu gather info (GC is one issue)
- COBALD Low priority task but on the list
- Vaisala RR01/RD100 Low priority task but on the list
- Meteolabor hypsometer remove, but Payerne will prep doc
- GPS pressure measurement uncertainty info from manufacturers

Results

New members

Rigel Kivi (Sodankyla), Nobuhiko Kizu (Tateno), Li Wei (Xilinhot)

Ground check: Gather information and write ground check guide for RS92 launches – Franz Immler

Auto-launcher: Rigel Hannu work on that

Controlled descent: Rolf and Dale will perform test measurements for temperature

Dual Sounding Configuration (how to hang and why) □ Hannu gather info/thoughts from HMEI, CIMO, sites, etc.

GPS vs. pressure height: Hannu will send material to Franz

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 - New members □ Rigel Kivi (Sodankyla), Nobuhiko Kizu (Tateno)
 - Separate task team for some particular group of tasks?
- Ground Check/Calibration for RS92 □ (took half the time) we understood there are issues here; start with gathering info from sites ; Franz leads this RS92 issue (and LC & WG articulate all other surf-meas inputs)
- RS92 data product doc □ will be reviewed by the GRUAN community including experts at sites; “meta-intercomparison” will be covered
- New tasks? (or remove some tasks?)
 - Dual Sounding Configuration (how to hang and why) □ Hannu gather info from HMEI, C IMO, sites, etc.
 - Descent data/ control descent □ Researches at Payerne by next meeting
 - Auto-launch vs. manual launch □ Kivi, Madonna, Kizu gather info
 - COBALD □ Low priority task but on the list
 - Vaisala RR01/RD100 □ Low priority task but on the list
 - Meteolabor hypsometer □ remove, but Payerne will prep doc
- Some other discussions □ GPS P issue, etc.