



GRUAN Data policy

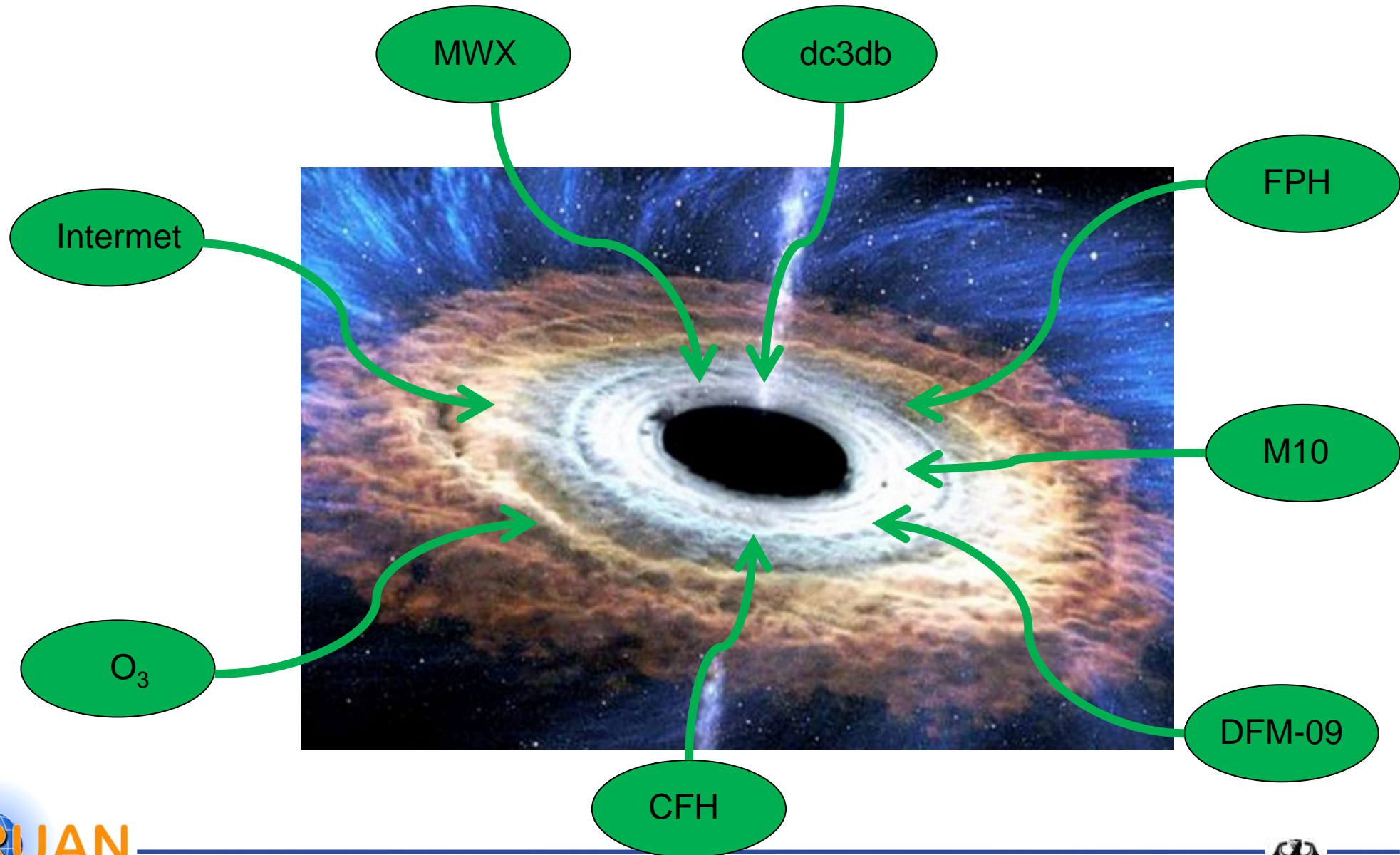
Ruud Dirksen & Michael Sommer
GRUAN Lead Centre, DWD

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- Issue was raised by some sites
 - Restrict sharing data of instruments connected to radiosonde
- Considerable part of GRUAN measurement effort remains invisible
 - RS41 EDT data still in escrow (available in intercomparison database)
- ICM-9: only publish GRUAN-certified data products

GRUAN data archive?

Deutscher Wetterdienst
Wetter und Klima aus einer Hand



Regulars

- RS41
- RS92
- DFM09
- Ozone sonde
- CFH
- COBALD

“Guests”

- Skydew
- FLASH-B
- PCFH



- GRUAN complies to WMO resolution 40 (Cg-XII)
 - free and unrestricted access to measurement data
- A facility for imposing **time limits** on making the data available to the end-user community for different sites should be implemented as this does not contravene WMO Resolution 40 (Cg-XII).

In this way sites are more likely to be willing to make their raw data immediately available within the GRUAN community without compromising their rights to first publication of the data (some funding agencies may even insist that such a data policy is in place).
- How long should this time limit be?

Classification – current

		Lead Centre	GRUAN internal	External on request	World
Original Raw		✓			
Converted Raw (NetCDF)		✓			
Intermediate Raw (netCDF)		✓			
EDT (netCDF)		✓	✓		
GDP (netCDF)	Alpha	✓			
	Beta	✓	✓		
	Final	✓	✓	✓	✓

- Original Raw
 - Manufacturer-generated raw data (e.g. DC3DB, MWX, GSFZ)
 - Includes metadata, processed data, **additional sondes (Ozone, CFH, CPS etc)**
- Converted Raw
 - same as Original Raw, in NetCDF format
- **Intermediate Raw (NetCDF)**
 - **Composite, filtered data, tailored for a specific application**
 - **e.g. RS92 GDP + raw data CFH**
- EDT
 - Manufacturer-processed data, in NetCDF format
 - Application: intercomparisons

➤ GDP

- GRUAN data product (NetCDF)
- Includes a.o. uncertainties, corrections, raw data, metadata
- Maturity levels
 - Alpha - development stage
 - Beta - ready for analysis/validation/certification
 - Numbered version (GDP-2) final data product

1. LC
2. GRUAN-internal / GRUAN community
 - How to define this group?
 - WG + TT?
 - Registered users?
3. External on request
 - Campaigns, special interest in GRUAN data. Not part of 2
4. World
 - Freely available to everyone

Classification – current

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Intermediate Raw (netCDF)		✓			
EDT (netCDF)		✓	✓		
GDP (netCDF)	Alpha	✓			
	Beta	✓	✓		
	Final	✓	✓	✓	✓

Classification – proposal

		Lead Centre	GRUAN internal	External on request	World
Original Raw		✓	(--)		(--)
Converted Raw (NetCDF)		✓	(✓)		(--)
Intermediate Raw (netCDF)		✓	(✓)	(✓)	(--)
EDT (netCDF)		✓	✓	(✓)	(✓)
GDP (netCDF)	Alpha	✓	(✓)	(✓)	(--)
	Beta	✓	✓	(✓)	
	Final	✓	✓	✓	✓

Proposal

To be discussed

Your thoughts?

