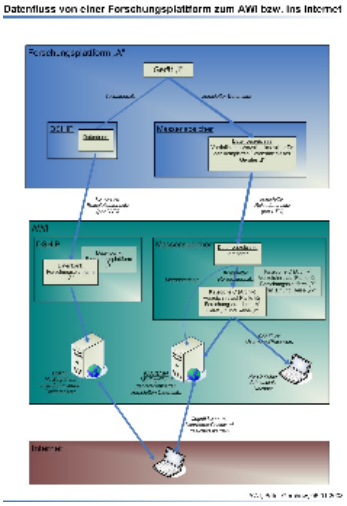
Mass Data storage and archiving

The standarized mass data storage procedure is visualized in the following diagram:



> **Attention:**
>
> After the cruise, the operator transfers the measurement data along with required meta data to AWI. After consultation with the data scientist and AWI Logistics the data (including meta data) can be made available on PANGAEA.

Overview of the scientific devices and systems which produce mass data with directory structure and data volume information:

Page	root directory	directory name	file name	Data volume (MB per day) ca	Number of files per day ca
CTD Probe with Carousel Water Sampler	\\xdc\scientists\data\CTD\	CruiseNo e.g. HE507 with subdirectories	several files in the following subdirectories: btl conf1 dsp final mat odv work	50	10
Fishing Echo Sounder (Simrad EK 60 / EK 80)	\\H:\scientists\data\fishsounder\	CruiseNo e.g. HE507	CruiseNo-Dyyyymmdd-Thhmmss.raw with: yyyy = year, mm = month, dd = day, hh = hour, mm = minute, ss = second e.g. HE507-D20090113-T144735.raw	3500	100
Hyperspectral UV-VIS Radiance Sensor (RAMSES)					
Multibeam Echo Sounder (EM712)	E:\sisdata\raw\ or \\xdc\home\data\mbes\	CruiseNo e.g. HE590	nnnn_YYYYMMDD_hhmmss_Suffix.all	2800	50
Scanmar Fishnet Echo Sounders	operators choice\	operators choice	suggested name for NMEA data: Cruise No.-YYYY-MM-DD.txt		
Sediment Echo Sounder (Innomar SES)	C:\SES_Applications\Data\ or xdc\home\scientists\HE***\sbp\	CruiseNo e.g. HE507	FilePrefix_YYYYMMMDDhhmmss.ses3	13000	48