

# Step 3 - Archiving sensor data

At the end of an expedition or in time periods with a stable internet connection the sensor data will be transferred to the archive system PANGAEA without any effort from your side.

1. As part of this procedure the new sensor data will be checked against the file- and directory-naming convention you described once before (have a look at Part 1).
2.
  - a. When your sensor was installed on a large scale platform and the data file or directory name contains the date and time information, it will be used to create the geographical position for that file as part of the metadata file list. The error corrected mastertrack of the platform (....ePIC...) is used therefore. Please note that the preparation of the mastertrack takes about 4 to 6 weeks after the track data (Part of the dship-system) is available onshore. At the PANGAEA data page each file is described by its metadata consisting of date, time, geographical position and filename.
  - b. Other sensor data without date/time-information as part of the filename will be combined to one or some files. These files will be listed with there names at the PANGAEA data page.
3. Each set of data receives a DOI.

**PANGAEA.**  
Data Publisher for Earth & Environmental Science

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Citation: **Dorschel, Boris; Jensen, Laura (2017):** Swath sonar bathymetry during POLARSTERN cruise PS101 (ARK-XXX/3) with links to multibeam raw data files. *Alfred Wegener Institute, Helmholtz Center for Polar and Marine Research, Bremerhaven*, Dataset #571047 (DOI registration in progress)

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**Parameters:**

#	Name	Short Name	Unit	Principal Investigator	Method	Comment	
1	DATE/TIME	Q		Dorschel, Boris	Q	Geocode	
2	LATITUDE	Q		Dorschel, Boris	Q	Geocode	
3	LONGITUDE	Q		Dorschel, Boris	Q	Geocode	
4	Uniform resource locator link to file	Q		URL file	Dorschel, Boris	Q	Swath-mapping system Atlas Hydrosweep DS 3
5	Uniform resource locator link to file	Q		URL file	Dorschel, Boris	Q	Swath-mapping system Atlas Hydrosweep DS 3
6	Uniform resource locator link to raw data file	Q		URL raw	Dorschel, Boris	Q	Swath-mapping system Atlas Hydrosweep DS 3

Size: 125 data points

**Download Data (login required)**  
Download dataset as tab-delimited text (use the following character encoding: UTF-8 Unicode (PANGAEA default))  
[View dataset as HTML](#)

**Data**  
Download dataset as tab-delimited text (use the following character encoding: UTF-8 Unicode (PANGAEA default))

1	2	3	4	5	6
Date/Time	Latitude	Longitude	URL file	URL file	URL raw
2016-09-09T12:00:30.13569	70.13569	30.35511	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>
2016-09-10T12:00	74.85582	25.84876	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>
2016-09-12T12:00	82.29267	30.96716	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>
2016-09-13T12:00	84.04686	34.78471	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>
2016-09-14T12:00	85.10158	51.53166	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>
2016-09-15T12:00	85.26804	60.12026	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>
2016-09-16T12:00	85.28541	59.89996	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>
2016-09-17T12:00	86.30069	57.98669	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>
2016-09-18T12:00	86.71575	61.47898	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>
2016-09-19T12:00	86.82848	61.85184	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>
2016-09-20T12:00	86.70518	61.12420	<a href="#">Link</a>	<a href="#">Link</a>	<a href="#">Link</a>