

## Acoustically Tracked Subsurface Float Database Version History

**Version number:** 3.0  
**Updated:** June 2024  
**Updated by:** Andrée L. Ramsey, aramsey@whoi.edu  
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Changes to Version Number 3.0:

1. Added eight experiments:
  - Critical Layers and Isopycnal Mixing in the Southern Ocean UK-2 and UK-2.5 (CLIMSUK2)
  - Critical Layers and Isopycnal Mixing in the Southern Ocean US-2 (CLIMSUS2)
  - Deep Water Dispersion Experiment (DWDE) in Gulf of Mexico
  - Iceland Sea-North Icelandic Jet (ISNIJ)
  - Iceland-Faroe Ridge (IFR)
  - Overturning in the Subpolar North Atlantic Program (OSNAP)
  - Pathways and mixing of Arctic and Atlantic waters in Norwegian Sea (PATHMIX)
  - Weddell Sea RAFOS-enabled Argo floats (WS)
2. Changed:
  - a. MUSE and AMUSE
  - b. 'Mediterranean Undercurrent Seeding Experiment' to 'A Mediterranean Undercurrent Seeding Experiment'
  - c. SUBBOB to SUBDUCTION
  - d. 'Subduction Bobbers' to 'Subduction and Tracer Release Experiment'
3. Removed SHIKOKU experiment due to missing data.
4. Data are in individual NetCDF files.
5. Fill values are -999999.

**Version number:** 2.0

Version 3.0, June 2024

**Updated:** December 2017  
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Changes to Version Number 2.0:

1. The following variables have been omitted from the data:
  - a. Filename
  - b. Quality control flags
  - c. The IMEI number for each float, 'id'
  - d. Status variable
  - e. Start time and End time
  - f. Start position and End position

2. The following variables have been renamed:

<u>Old Name</u>	<u>New Name</u>
dir_pi	expPI
dir_org	expOrg
dir_exp	expName
dir_type	fltType

3. The following variables have been added to the data file:

- a. expList – The full name of the experiment
- b. indexExp – The unique number assigned to each experiment (1-52).
- c. indexFlt – The unique number assigned to each float (1–2,193).

**Note:** Each float is assigned to an experiment number and a unique float number.

4. The current data file has been modified to only include data collected from SOFAR and RAFOS floats. Data collected with ALACE, PALACE, MARVOR, or VCMs has been removed since the data are now available in the PANGAEA data repository. <https://www.pangaea.de>

**Version number:** 1.0  
**Date Created:** January 9, 2014  
**Created by:** Heather H. Furey, hfurey@whoi.edu  
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Original archive created.