

Float/Sensor Workshop
Ocean Sciences Building, Room 425
University of Washington
Agenda (9/7/17)

[Items in Red: Float users only; Items in Black: All are welcome to attend]
Meeting registration fee (everyone): US\$75, paid in cash; receipts provided

To everyone: please bring slides relevant to the presentations listed even if you are not listed as a presenter.

Day 1 (9/11/17) (General theme: APEX floats)

Morning Chair: Breck Owens; Rapporteur: John Lyman

0830: Meeting begins, welcome, local arrangements, introductions (S. Riser)

0845: Rationale for holding the meeting (S. Wijffels)

0915: The present state of profiling float performance (B. King)

0945: Teledyne/Webb APEX floats: basic history and operation (S. Riser)

1000: Break

1030: APEX evolution: old and new controllers; communications; batteries (D. Swift)

1100: Examples of pre-deployment checking of an APEX float (D. Swift, R. Rupan)

1130: APEX user feedback: what are the most common failure modes, what predeployment checks are done, what needs changing? (S. Wijffels) [Responses solicited from various groups prior to the meeting]

1230: Lunch

Afternoon Chair: Nathalie Zilberman; Rapporteur: Annie Wong

1300: Review of meeting format (S. Wijffels)

1315: Present state of the Teledyne/Webb APEX float (Teledyne/Webb representative)

1400: Mission programming options of an APEX float with T/W APF-11 controller (hands-on activities with T/W rep)

1500: Break

1530: User questions and issues with APEX; the future of APEX development (Users and T/W reps)

1730: Adjourn

1800: Welcome Reception (Ocean Sciences Building Lobby)

Day 2 (9/12/17) (General theme: SeaBird CTD units)

Morning Chair: Peter Oke; Rapporteur: Kristy McTaggart

0830: SeaBird41 and 41CP CTD units: basic history and operation (S. Riser and D. Swift)

0900: SBE41 calibration and laboratory checking (D. Swift and R. Rupan)

0930: SBE41 performance and data quality (A. Wong)

1000: Break

1030: Kistler/Druck sensors; thermal lag correction (D. Swift)

1100: Discussion of recurring issues with SBE CTD units on profiling floats (Users and S. Wijffels) [Responses solicited from various groups prior to the meeting]

1215: Lunch

Afternoon Chair: Shigeki Hosoda; Rapporteur: Birgit Klein

1315: Present and future states of the SBE41CP (SBE representatives)

1430: Break
1500: User questions and issues with SBE41 and 41CP (Users and SBE reps)
1645: Adjourn
1700: Bus leaves UW for tour of SBE and dinner (float users only)

Day 3 (9/13/17) (General theme: more float types)

Morning Chair: Susan Wijffels; Rapporteur: Ben Briat

0830: History, experience, and performance of SIO and MRV SOLO-2 floats (D. Roemmich, B. Owens)
0900: Setup and mission programming of SOLO-2 and Alamo floats (J. Gilson)
1000: User issues with SOLO-2 (J. Gilson, B. Owens)
1030: Break
1050: History, experience, and performance of Navis floats (G. Johnson/PMEL)
1120: Hands-on setup and mission programming of Navis floats (G. Johnson/PMEL)
1200: User issues with Navis (G. Johnson/PMEL) [Responses solicited from users prior to the meeting]
1230: Lunch

Afternoon Chair: Steve Riser; Rapporteur: John Gilson

1300: Present state of MRV SOLO-2 and Alamo and user issues (MRV representatives)
1400: Present state of SBE Navis, and user issues, plus SBE61 status (SBE representatives)
1500: Break
1530: Present state of NKE Arvor/Provor and user issues (NKE representatives)
1630: Summary of float performance and user issues (Users and B. King)
1730: Adjourn

Day 4 (9/14/17) (General theme: more CTD types, etc.)

Morning Chair: Brian King; Rapporteur: Grigor Obelensky

0830: Inductive CTDs: past, present, and future (B. Owens)
0900: The RBR CTD and its use in Argo (S. Wijffels)
1000: The NOSS CTD and its use in Argo (S. Riser)
1015: Break
1030: Breakout discussions with vendors (floats; CTDs; other issues; rooms TBA)
1200: Lunch

Afternoon Chair: Pedro Velez-Belchi; Rapporteur: Nathalie Zilberman

1300: Discussion of the present state of RBR CTD (G. Johnson/RBR)
1330: RBR CTDs on an APEX, Alamo, and SOLO-2 floats (G. Johnson/RBR)
1430: User questions about RBR CTD units
1515: Break
1530: Discussion of the present state of NKE floats and NOSS CTD (NKE representative)
1630: User questions concerning NKE floats and NOSS CTD [responses solicited prior to the meeting]
1645: The future of ARGOS use on profiling floats (CLS America representative)
1730: Adjourn

Day 5 (9/15/17) (General theme: deep Argo floats)

Morning Chair: Susan Wijffels; Rapporteur: Craig Hanstein

0830: The present state of Deep Argo planning (D. Roemmich, N. Zilberman; G. Johnson/PMEL)

0930: User experience with Deep SOLO and SBE61 CTD (D. Roemmich, N. Zilberman)

1030: Break

1100: RBR deep CTD status (B. Owens)

1115: User experience and issues with Deep APEX (B. King)

1200: Lunch

Afternoon Chair: Dean Roemmich; Rapporteur: Rebecca Cowley

1230: Discussion of the present state of Deep APEX (Teledyne/Webb representative)

1300: MRV plans for Deep SOLO (MRV representative)

1400: Deep Ninja (TSK representative)

1500: Deep Arvor (NKE representative)

1600: Meeting summary and outstanding issues (S. Wijffels)

1630: Adjourn, meeting ends