SWERVE 1 (2024-2026)

SWERVE 2 (2027-2030)

Timeline columns: 2024 | 2025 | 2026 | 2027 (a) | 2028 (b) | 2029 (c) | 2030 (d), each with monthly columns (JAN–DEC).

SWERVE 1 OR 2	D OR M #	ACTION	SWERVE 2 GOALS
WORKPACKAGE 1: ENHANCING ACCESS TO SHIP TIME (Led by GU)			
Ship-time funding allocation			
1 + 2	M1a-d	Annual calls for ship-time applications (for voyages in the following year)	1,3,8
1 + 2	M2a-d	Review and ranking of ship time proposals by international scientific Review Panel (incl. long voyages)	1,3
1 + 2	M3a-d	Allocation of annual ship-time funding to projects and vessels (incl. long voyages)	1,3,10
1 + 2	D1a-d	Execution of annually awarded voyages (dates unknown beyond 2025)	1,3
1 + 2	D2a-d	Scientific voyage reports for SWERVE-supported voyages	1,3
1 + 2	M4a-d	Call + selection of ECRs (Dec/Jan) for SWERVE-supported ECR berths on Oden for existing expeditions	1,3
1 + 2	D3a-d	Execution of annually awarded Oden voyages (dates approximated)	1,3
1 + 2	D4a-d	Scientific Oden voyage reports from SWERVE-supported ECRs	1,3
Marine Facilities Planning software			
1	M	Identification of needs for the system	6
1	M	Procurement process	6
1	M	Development of application portal	6
1 + 2	D5a-d	Well maintained application portal	6,8
1 + 2	D6a-d	Annual upload of vessel schedules to MFP, visible from website and in annual reports	6,8
1	D	Training and support videos and presentations - ongoing updates as required	6
1	D	Training of vessel operators for detailed voyage planning	6
1	D	National Marine Equipment Pool - static list in ship-time application - ongoing maintenance	6
2	D7	Delevopment and implementation of ship-time Review Module in MFP	6,8
2	M5	Training of Review Panel and Ship Operators Network in use of Review Module	6,8
2	D8	Incorporate National Marine Equipment Pool into MFP for full functionality	4,6,8
Piggy-back opportunities on existing voyages			
1	D	Piggy-back application Module in MFP	1,4,7
1 + 2	D9a-d	Secretariat and ship operators coordination of opportunistic ship-time "piggy-back" opportunities	1, 4,7
Coordinated voyage campaign program			
2	M6a-d	Annual surveys for identification of key regions of interest for coordinated regional campaigns	2, 8, 10
2	M7a-d	Virtual workshop for researchers interested in identified key area for coordinated campaign	2, 8, 10
2	M8a-d	Secretariat support for coordinated applications for voyages in priority areas in connection to ship-time call	2, 8, 10
2	D10a-d	Execution of coordinated campaign if awarded funding (through M3a-d) (dates to be determined by the science)	2, 8, 10
WORKPACKAGE 2: NATIONAL MARINE TECHNICIANS NETWORK (Led by SLU)			
Training and career development			
1	D	2024 workshop on CTD systems	4,7, 8
1 + 2	M9a-d	Survey to identify key topics for future workshops	4,7,8
1 + 2	M10a-d	Annual technicians workshops based on findings from M9a-d (dates not known)	4,7,8
1 + 2	D11a-d	Reports from annual technician workshops (dates not known)	4,7,8
1 + 2	D12a-d	Opportunistic training (land or at sea) + report of activities published online (connected to NMTN + D9a-d)	4,7,8
2	D13	VOTO Multibeam workshop	4,7,8
2	D14	VOTO Glider workshop	4,7,8
National Marine Technicians Network (NMTN)			
1 + 2	M11a-d	Information and opportunities communicated through a well-maintained email list for the NMTN	4,7,8
1 + 2	D15a-d	Annual virtual meetings of NMTN for community engagement and input	4,7,8
1 + 2	D16	National Marine Technichans week - An inaugural conference for Swedish technicians	4,7,8
WORKPACKAGE 3: SENSOR HARMONISATION AND NATIONAL SENSOR POOL (Led by SPRS)			
Sensor harmonisation efforts			
1	D	Identification of current CTD platforms, sensors and requirements	4, 5, 9
1	D	Identification of current CTD sensor calibration and maintenance processes and requirements	4, 5, 9
1 + 2	M12a-d	Cross-calibration of CTD sensors (opportunistic when two vessels are in the same location)	4, 5, 9
1	D	Implementation of onboard logging system for CTD metadata processes	4, 5, 9
1	D	National sensor inventory	4, 5, 9
2	M13	Ferrybox harmonisation workshop	4, 5, 9
2	D17	Report on current Ferrybox sensor calibration + maintenance processes and requirements	4, 5, 9
2	M14a-d	Cross-calibration of Ferrybox sensors (opportunistic when two vessels are in the same location)	4, 5, 9
2	D18a-b	Updates to logging systems as required by Ferrybox metadata standards (actions are vessel-specific)	4, 5, 9
National Sensor Pool (NSP)			
2	M15	Agreement on national standards for CTD sensor calibrations, metadata requirements (Report)	4
2	M16	Agreement on national standards for Ferrybox sensor calibrations, metadata requirements (Report)	4
2	M17	Agreement on core sensors (CTD or Ferrybox) to be included in National Pool (Report)	4
2	D19a-b	Transfer of national sensor inventory to MFP	4
2	D20	Development of judicial and administrative agreements for NSP	4

SWERVE 1 OR 2	D OR M #	ACTION	SWERVE 2 GOALS
2	D21	Implementation of functioning NSP	4
2	M18	Ongoing management of NSP calibrations and sensor use	4

WORKPACKAGE 4: FAIR VESSEL DATA (Led by SMHI)

Data transfer, quality control and standardisation

SWERVE 1 OR 2	D OR M #	ACTION	SWERVE 2 GOALS
1	D	Development of Zenodo catalogue for SWERVE and training for technicians to learn how it works	5, 9
1 + 2	M19a-d	Upload of raw CTD data to Zenodo catalogue after every voyage	5, 9
1	M	NODC-coordinated online training for vessel technicians for CTD QC scripts and processes	5, 9
1 + 2	M20a-d	Implementation of quality control processes on CTD data after every voyage	5, 9
1	D	Online meetings to teach implementation of metadata and data formatting standards for CTD data	5, 9
1 + 2	M21a-d	Formatting of QC'd CTD data into agreed metadata and data standards after every voyage	5, 9
1 + 2	M22a-d	Submission of QC'd, standardised CTD data to NODC after every voyage	5, 9
2	M23a-d	Delivery of raw Ferrybox data to Zenodo catalogue after every voyage	5, 9
2	M24a-b	NODC-coordinated online training for vessel technicians for Ferrybox QC scripts and processes	5, 9
2	M25a-d	Quality control scripts implemented to Ferrybox data after every voyage	5, 9
2	M26a-b	Online meetings to teach implementation of metadata and data formatting standards for ferrybox data	5, 9
2	M27a-d	Formatting of QC'd ferrybox data into agreed metadata and data standards after every voyage	5, 9
2	M28a-d	Submission of QC'd, standardised ferrybox data to NODC after every voyage	5, 9
1 + 2	D22a-d	Annual reports on CTD and Ferrybox data submissions (Zenodo, NODC)	5, 9

Data transfer to NODC and international repositories

SWERVE 1 OR 2	D OR M #	ACTION	SWERVE 2 GOALS
1+2	M29a-d	NODC delivery of packaged CTD data to Zenodo catalogue	5, 9
1+2	M30a-d	Enriching of QC'd CTD data package with Zenodo DOIs of raw and packaged data	5, 9
1+2	M31a-d	Control checking of CTD data package format for transfer to and indexing in ERDDAP	5, 9
1+2	D23a-d	NODC delivery of packaged CTD data to national ERDDAP server for havesting	5, 9
1	D	Development of user interface for data access	5, 9
2	M32a-d	Maintenance of user interface	5, 9
2	D24	VOTO data workshop for researchers	5, 9
2	M33b-d	NODC delivery of packaged Ferrybox data to Zenodo catalogue	5, 9
2	M34b-d	Enriching of QC'd Ferrybox data package with Zenodo DOIs of raw and packaged data	5, 9
2	M35b-d	Control checking of ferrybox data package format for transfer to and indexing in ERDDAP	5, 9
2	D25b-d	NODC delivery of packaged Ferrybox data to national ERDDAP server for havesting	5, 9
1+2	M36a-d	Tracking of data downloads and usage from international repositories for annual reporting	5, 9

WORKPACKAGE 5: MANAGEMENT, COMMUNICATION AND NETWORKING (Led by GU)

Communication and networking

SWERVE 1 OR 2	D OR M #	ACTION	SWERVE 2 GOALS
1+2	M37a-d	Website - maintain content and updates	8
1+2	D26a-d	Half-yearly newsletter to subscribers list (8 issues in SWERVE2)	8
1+2	M38a-d	Maintain and grow SWERVE email list of users	8
1+2	D27	Communication Strategy and Plan - updated from SWERVE1 to SWERVE2	8
1+2	M39a-d	Communication of SWERVE opportunities and activities at conferences and events	8
1+2	M40a-d	Directed communications to non-traditional academic communities	3, 8
2	D28	Development of online forum for discussions	8, 10
2	M41a-d	Ongoing moderation of discussion forum	8, 10
2	M42a-d	Support for open ship events. 1 planned for each vessel, timing dependant on vessel schedules	8
1+2	M43a-d	Support for all WP events and communication activities	8

Reporting, budget, governance and management

SWERVE 1 OR 2	D OR M #	ACTION	SWERVE 2 GOALS
1+2	D29a-d	Virtual Steering Committee Meetings - average 2 per year	11
1+2	D30a-d	Annual in-person Steering Committee Meetings	11
1+2	D31a-d	Annual reports to VR and Partners	11
1+2	M44a-d	Annual budget maintained	11
1+2	M45a-d	Activities outlined in Gender Equity Plan	3,11

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