
INTRODUCING
bloop

**INTEGRATED
DIVE
& BOAT
PROGRAM
MANAGEMENT
PLATFORM**

FOR

AQUARIUMS
UNIVERSITIES
RESEARCH INSTITUTIONS
OR PUBLIC BODIES

WITH

OSHA OR AAUS
RECORD-KEEPING &
COMPLIANCE OBLIGATIONS

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bloop KEEPS TRACK OF:

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Divers



Safety & Compliance



Equipment



Boating

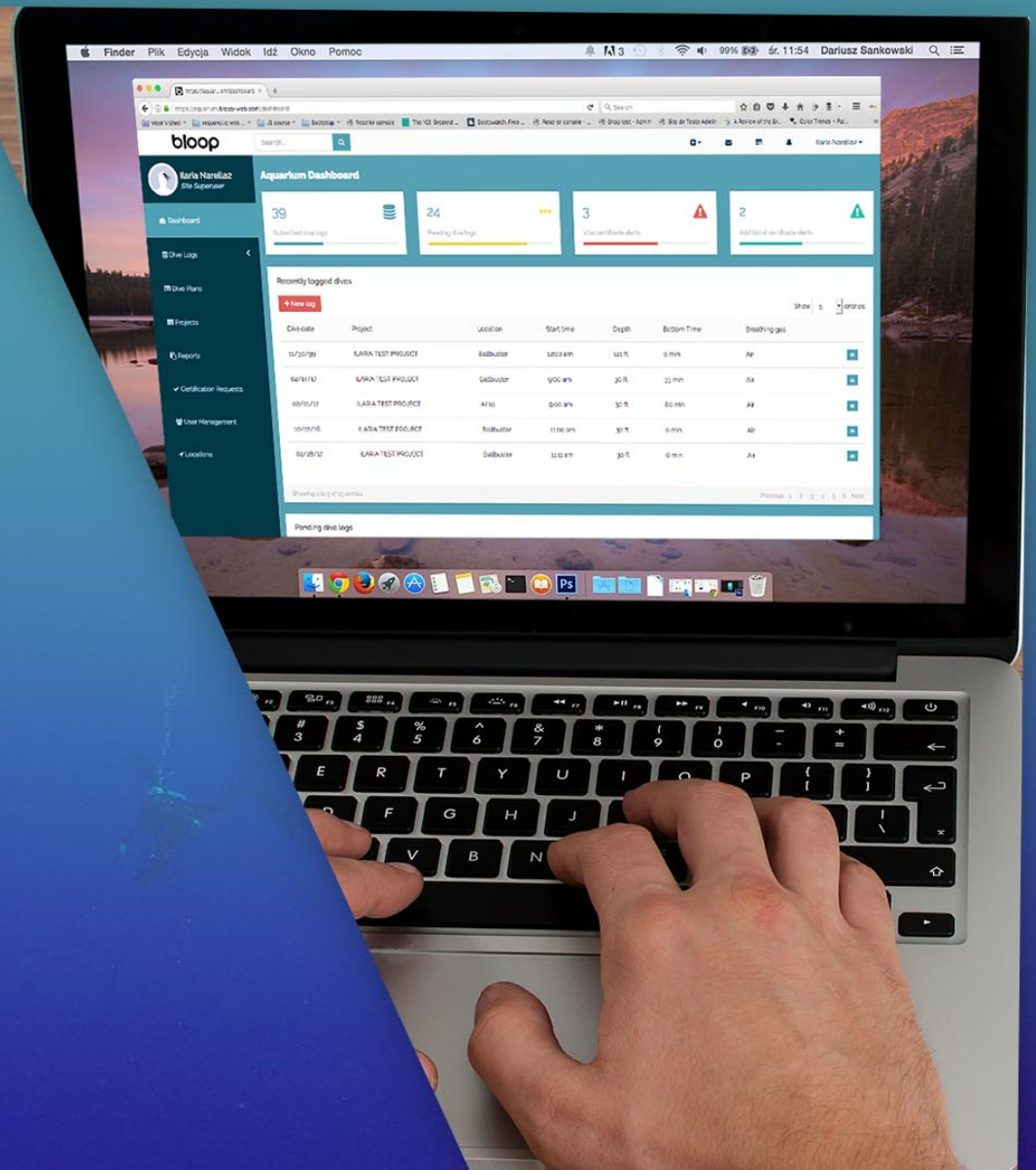


Courses



Multiple Institutions & Institution Transfer

An intuitive and easy to use Dashboard for the DSO/BSO summarizes the day's most pertinent information



DSO Supplied Information

Name	Type	Status	Expiration date	Action
Altitude	Dive Qualification	Active	05/17/19	
Most Recent Checkout Dive	Standards Requirement	Active	Does not expire Completed on 05/02/17	
Original Diving Authorization	Dive Qualification	Missing	--	
Scientific Diver	Dive Qualification	Missing	--	
Written scientific diving examination passed	Dive Qualification	Active	Does not expire Completed on 07/31/17	

Showing 1 to 5 of 5 entries << Previous 1 Next >>

Mandatory Training/Certifications (Diving)

Name	Type	Status	Expiration date	Action
AED	Non-dive Training	Active	Does not expire Completed on 09/08/18	
Dive Insurance (e.g. DAN)	Standards Requirement	Expired	10/31/17	
Dive Insurance (e.g. DAN)	Standards Requirement	Expired	02/10/18	
Field Neuro	Non-dive Training	Missing	--	
Highest Scuba Certification <i>Advanced Open Water Diver</i>	Dive Qualification	Active	Does not expire Completed on 03/01/18	
Liability Waiver	Standards Requirement	Active	Does not expire	
Medical Exam / Dive Fitness Physical	Standards Requirement	Expired	06/01/18	
Site specific cert test	Dive Qualification	Missing	--	

Showing 1 to 7 of 7 entries << Previous 1 Next >>

Certifications

Expiring / overdue
CPR, First Aid, etc

Training

Program-specific requirements
aquarium diver/presentation diver/rescue drills

Standards Compliance

Liability insurance
Dive Safety Manual receipt/update
Internal policy adherence

Equipment Tracking

Service history
Inventory



DIVERS

- In-site alerts to upcoming expirations and renewals
- Emailed alerts
- Intelligent suggestions about appropriate/necessary upcoming training courses
- Reminders about unlogged dives:
 - when a buddy's log mentions them
 - when an approved plan's time frame lapses
 - if a volunteer shift or scheduled dive has elapsed

The screenshot shows the 'bloop' dashboard for user Stuart McLellan. The dashboard includes a sidebar with navigation options: Dashboard, Diving, Projects, and Documents. The main content area features a 'Dashboard' header with four summary cards: 26 Submitted dive logs, 0 Pending dive logs, 3 Alerts, and 18 Projects. Below these cards is a table of alerts with columns for Alert type, Status, Expiration date, Notes, and Action. The table lists three alerts: Scientific Depth Certification/Rating (Expired, missing), Scientific Diver (Expired, 06/22/18), and Liability Insurance (Expired, 06/20/18). At the bottom, there is a section for 'My recently logged dives' with a table containing columns for Dive date, Project, Location, Start time, Depth, Bottom Time, Gas, SI, and Action. The table lists five recent dives with their respective details.



Alert type	Status	Expiration date	Notes	Action
Scientific Depth Certification/Rating	Expired	missing		[Action]
Scientific Diver	Expired	06/22/18	▲ Mandatory for diving	[Action]
Liability Insurance (Professionals only)	Expired	06/20/18	▲ Mandatory for diving	[Action]

Dive date	Project	Location	Start time	Depth	Bottom Time	Gas	SI	Action
08/07/17	Historic logs	Historic dive logs	10:51	59 ft	33 min	Air	46min	[Action]
08/07/17	Historic logs	Historic dive logs	09:07	25 ft	60 min	Air	17h 6min	[Action]
08/06/17	Historic logs	Historic dive logs	16:00	43 ft	60 min	Air	3h 13min	[Action]
08/06/17	Historic logs	Historic dive logs	11:15	93 ft	32 min	Air	15h 23min	[Action]
08/06/17	Historic logs	Historic dive logs	10:12	42 ft	39 min	Air	3h 48min	[Action]

Ilaria Gnanarella

My Vessels

Vessels

Pictures	Name	Registration	Home	Type	Length (m)	Action
	Panga 5			Rigid Inflatable Boat (RIB)	0	View Edit Add Me
	Training Boat			Tender	0	View Edit Add Me

Vessel inventory

Vessel check-in & check-out

Interactive SMS alerts:
overdue check-in

Equipment checklists

Maintenance &
service history

BOATING

- Boating certification tracking
- Boat operator management
- Float plans and logs
- Hours underway logs
- Crew, passenger & researcher manifests

YOUR PRE-DEPARTURE BOATING CHECKLIST

CHECK THE WEATHER



Make sure the weather is clear with no chance of rain or heavy winds.

SAVE A LIFE



Have enough life jackets on board for everyone on the boat, and at least one lifesaver.

LIGHT IT UP



Check that all lights and flashlights have batteries and are properly working.

IN CASE OF EMERGENCY



Prepare a floating emergency pouch of supplies including a fully-charged cell phone, maps, flares and a first aid kit.

GET A CHECK UP



Get your vessel checked out for free by the Coast Guard.

PHONE A FRIEND



Tell someone where you are going before you leave the dock.

PUT OUT THE FIRE



Have a fire extinguisher readily on hand.

DON'T DRINK AND BOAT



Do not drink alcohol before or while operating the boat.

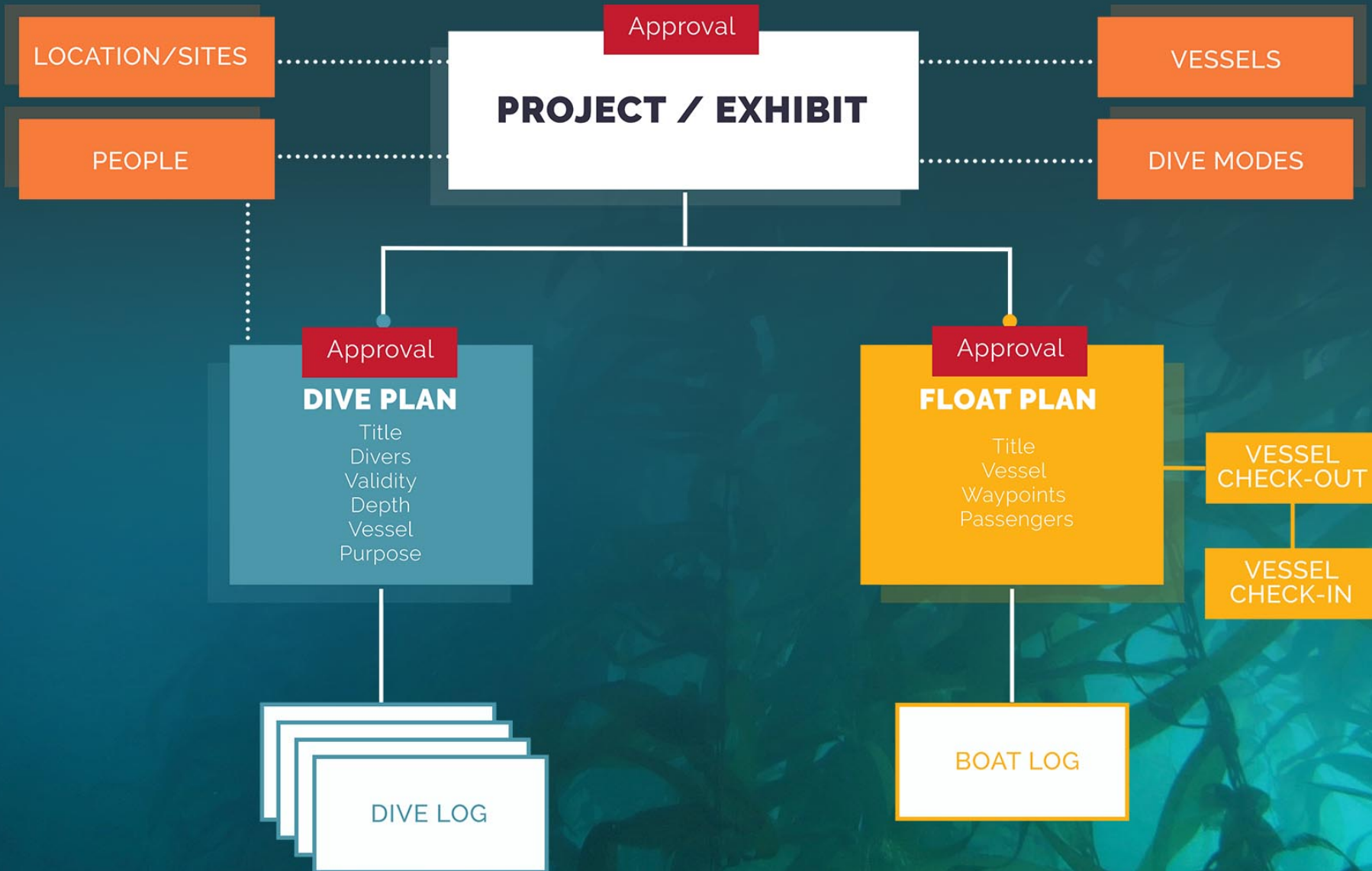
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Hierarchy and inheritance

DATA MODEL

Tailored specifically to your organization's unique needs, **bloop's** top-down, hierarchical data model simplifies and streamlines your users' data entry, dramatically reducing errors, improving usage rate and timely completion.

bloop intelligently highlights out-of-compliance plans or logs as defined by your internal policies, whether that's OSHA, AAUS or other Standards. **bloop** will also notify of possible incidents or accidents.



SAFETY & COMPLIANCE

Define and set compliance parameters and alert settings so that **bloop** can keep things in check in real time.

Projects, or plans with out-of-scope items, or out-of-compliance divers or vessel operators generate in-place alerts for the Lead or PI, enabling them to self-correct.

Any outstanding alerts are also highlighted to the approving Safety Officer.

Compliance alerts

Your dive plan has been submitted!
Please check the compliance alerts below:



Compliance alerts:

The maximum depth of this dive plan (60ft) exceeds the project definition (40ft)

Brittany Blofeld: **Medical Exam / Dive Fitness Physical** expired on 04/17/14

Brittany Blofeld: **Dive Insurance (e.g. DAN)** expired on 07/22/17

Brittany Blofeld is only certified for a **depth of 30ft**

Crystal Ball: **Dive Insurance (e.g. DAN)** expired on 07/22/17

Erin Victory: **Dive Insurance (e.g. DAN)** expired on 07/22/17

Erin Victory is only certified for a **depth of 30ft**

Sam Miller: mandatory **Liability Insurance (Professionals only)** missing

Sam Miller: **Dive Insurance (e.g. DAN)** expired on 07/22/17

Sam Miller: **Highest Scuba Certification** expired on 12/31/17

Sam Miller is only certified for a **depth of 30ft**

Kristen Mole: mandatory **Most Recent Checkout Dive** missing

Kristen Mole: **Dive Insurance (e.g. DAN)** expired on 07/22/17

Ariel Muro: **Medical Exam / Dive Fitness Physical** expired on 04/19/18

Ariel Muro: **Dive Insurance (e.g. DAN)** expired on 07/22/17

Ariel Muro is only certified for a **depth of 30ft**

Rooke Fly: **Dive Insurance (e.g. DAN)** expired on 07/22/17

Rooke Fly is only certified for a **depth of 30ft**

CCR is not a permitted dive mode on this project

Please provide emergency contact details



Warnings:

This dive plan has a planned bottom time of 0min

Brittany Blofeld is not certified for **Mixed Gas**

Crystal Ball is not certified for **Mixed Gas**

Erin Victory is **not assigned to this project**

Erin Victory is not certified for **Mixed Gas**

Sam Miller is not certified for **Mixed Gas**

Kristen Mole is not certified for **Mixed Gas**

Ariel Muro is not certified for **Mixed Gas**

Rooke Fly is **not assigned to this project**

Rooke Fly is not certified for **Mixed Gas**

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Checks & Monitoring

The screenshot shows an email interface. At the top left, it says "(bloop) - Ocean Studies Institute". To the right, it says "dive mgt July 5, 2018 at 16:01" and includes a profile icon. Below that, the subject line is "Admin copy: Compliance alert: Debbie Diver (2018-07-03 13:47) (-> [redacted])" with a "Details" link. The recipient is "To: Stu McLellan". The main body of the email has a red header with the "bloop" logo. The text reads: "Debbie Diver has just logged a dive for 2018-07-03 13:47:00". It then states: "The logged dive violates the following compliance rules:" followed by a list: "• Dive max depth of 42ft exceeding diver's current scientific depth rating of 30ft". At the bottom of the email body, it says: "If you do not wish to receive further communications like this, please feel free to unsubscribe." The footer of the email says: "Thu 05 Jul 2018 16:00 GMT ©2000-2018 Media Match, Inc."

SAFETY & COMPLIANCE

bloop maximizes consistency and data completeness across your entire program

Expired certifications

Depth alert (deeper than diving authorisation)

Missing training or standards requirement

Diver(s) added to a plan, where not included in Project spec.

EQUIPMENT

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Equipment

Inventory and full service history log for all institutional equipment

IN-HOUSE SERVICE

EXTERNAL SERVICE

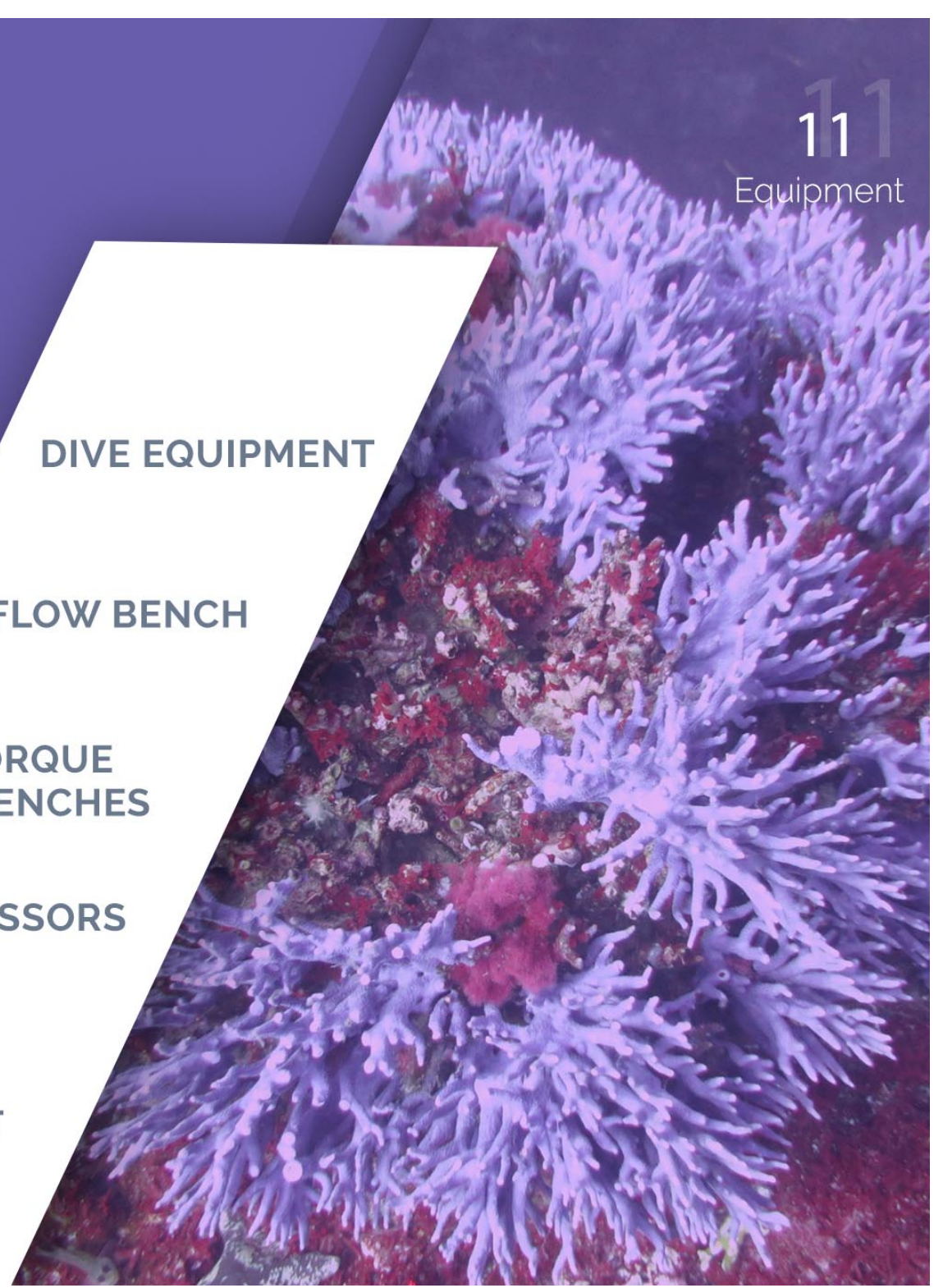
DIVE EQUIPMENT

FLOW BENCH

TORQUE
WRENCHES

COMPRESSORS

SAFETY
EQUIPMENT



COURSES

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Courses

- In-house or external training courses calendar
- Ties in to users' certification or training expirations
 - allows timely, and personalized, recommendations for users
- Instructor can batch-update attendee's **bloop** certification/training records
- Recurring courses
- Define courses with variable date/time/place requirements or pre-requisites



DSO / BSO DASHBOARD

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DSO/BSO dashboard

At-a-glance overview of the important items needing your attention:

- Configured/organised to suit your needs
- Project and plan approvals
- Certification / training verification and approvals
- Upcoming expirations, and recently-expired items

The dashboard displays the following metrics and data:

- 0** New registrations
- 14** Cert Approvals
- 353** Equipment Approvals
- 13** Dive Plans

Outstanding Approvals

- Dive plan(s): 13**

Project	Validity	Location	Action
Proficiency dives	07/06/18 10:00 (sin..	Point Fermin Park M.	[Eye icon]
Proficiency dives	06/30/18 08:30 (sin..	Point Fermin Reef (P.	[Eye icon]
Proficiency dives	07/07/18 07:00 (sin..	Southern California ..	[Eye icon]
Dive Training	06/26/18 07:30 (sin..	San Pedro Breakwat..	[Eye icon]
Goby Monitoring	06/04/18 - 12/31/18	Big Fishermans Cov..	[Eye icon]
- Float plan(s): 0**

No pending float plans
- Project approvals: 4**

Title	Manager	Period	Action
Dive Training: white ..	Marion Meyer	07/01/18 - 07/01/18	[Eye icon]
White Point Emerge..	San Pedro	06/29/18 - 06/29/18	[Eye icon]
White Point Emerge..	Marion Meyer	06/30/18 - 06/30/1..	[Eye icon]
Giant Sea Bass Tele..	Marion Meyer	01/01/17 - 10/31/18	[Eye icon]
- New Equipment: 353**

User	Equipment	Make/Model	Action
Colleen Laidlaw	Computer	Aqua Lung i300	[Eye icon]
San Pedro	Gauge	Highland 2 Gauge C.	[Eye icon]
San Pedro	Computer	Oceanic B.U.D	[Eye icon]
San Pedro	Regulator	Aqua Lung Legend ..	[Eye icon]
San Pedro	Computer	Shearwater Perdix AI	[Eye icon]
- Equipment tests: 0**

No pending equipment
- Certification(s): 14**

User	Certification	Type	Action
Jack May	Dive Insurance (e.g. ...	Standards Require..	[Eye icon]
Marion Meyer	Medical Exam / Dive..	Standards Require..	[Eye icon]
Marion Meyer	Liability Waiver	Standards Require..	[Eye icon]
Colleen Laidlaw	Highest Scuba Certifi.	Dive Qualification	[Eye icon]
Colleen Laidlaw	Dive Insurance (e.g. ...	Standards Require..	[Eye icon]
- New registrations: 0**

No pending registrations
- Vessel Operator Requests: 0**

No operator requests

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DSO/BSO dashboard

The dashboard is divided into four main sections:

- Current Vessel Operations:** Shows 0 current operations. A message states "No current vessel operations" with a "Manage float plans" link.
- Expirations:** Shows 934 total expirations. A table lists users and their certification expiration dates.
- Recently logged dives:** A map of California and Arizona showing dive locations with red pins. Major cities like San Francisco, San Jose, Los Angeles, San Diego, and Tucson are labeled.
- Projects overview:** A table listing active projects, their managers, status, and periods.

User name	Alert type	Status	Expiration date	Action
Adam Wilcock	Scientific Diver	About to expire	08/14/18	i
Ashley Peller	Scientific Diver	About to expire	08/12/18	i
Bryan Wilson	First Aid	About to expire	08/10/18	i
Bryan Wilson	AED	About to expire	08/10/18	i
Bryan Wilson	CPR	About to expire	08/10/18	i

Project title	Manager	Status	Period	Action
Dive Training: white point emergency plan	Marah Meyer	Proposed	07/01/18 - 07/01/18	i
White Point Emergency Plan	Jan Pohl	Proposed	06/29/18 - 06/29/18	i

DSO / BSO DASHBOARD

- Vessel usage and locations
- Dive Operations overview, including staff, volunteers, and visitors
- "Super User" admin mode, with access to all user information, certification etc.
- 1-click generation and mailing of customised LOR and VOTs

IMPORTS & INTEGRATIONS

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Imports & integrations

Automatically import the data from your existing system, for seamless migration and preservation of your program's history

diveaaus.org

Excel, CSV, or XML data

3rd party management platforms*

Integrate with your Volunteer Scheduling platform*

provides a 1-stop-shop for your volunteers

leverage **bloop**'s powerful "My Day" Dashboard view

intelligent dive logging reminders based on scheduled shift data

bloop

Ilaria Gnanarella Developer

diveAAUS Data Import

Import Profiles | Import Logs | Import from CSV

Please import profiles first and then dive logs

Date	Title	Initiated by	Type	Table	Institution	Site	Status	
07/16/18	Import initiated by bloop user	Moritz Schuh	logs	user-import-logs-xls-1-11		Aquarium site	Pending user selection	
07/16/18	Import initiated by bloop user	Moritz Schuh	logs	user-import-logs-xls-1-10		Aquarium site	Pending user selection	
07/12/18	Import initiated by bloop user	Moritz Schuh	logs	user-import-logs-xls-1-9		Aquarium site	Pending user selection	
07/12/18	Import initiated by bloop user	Moritz Schuh	logs	user-import-logs-xls-1-8		Aquarium site	Pending user selection	
07/12/18	Import initiated by bloop user	Moritz Schuh	logs	user-import-logs-xls-1-7		Aquarium site	Pending user selection	
07/12/18	Import initiated by bloop user	Moritz Schuh	logs	user-import-logs-xls-1-6		Aquarium site	Pending user selection	
07/12/18	Import initiated by bloop user	Moritz Schuh	logs	user-import-logs-xls-1-5		Aquarium site	Pending user selection	
07/12/18	Import initiated by bloop user	Moritz Schuh	logs	user-import-logs-xls-1-4		Aquarium site	Pending user selection	
07/12/18	Import initiated by bloop user	Moritz Schuh	logs	user-import-logs-xls-1-3		Aquarium site	Pending user selection	

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Export & Backup

EXPORT & BACKUP

ALL DATA BELONGS TO YOU

Back up your data,
and store it within bloop

Export your data in
standardized format for
use in other applications
or platforms.

Download dive logs

Location: From: Until:

Total logs: 31

Projects title	Location	Dive date	Start time	Gas	Bottom time
Historic logs	Rippers Cove (Historic dive logs)	01/17/17	13:28	Air	11min
Historic logs	Rippers Cove (Historic dive logs)	01/17/17	13:05	Air	4min
Historic logs	Rippers Cove (Historic dive logs)	01/17/17	12:48	Air	16min
Historic logs	Empire Landing (Historic dive logs)	01/17/17	09:39	Air	30min
Historic logs	Empire Landing (Historic dive logs)	01/16/17	15:16	Air	41min

[Download](#) [Store backup](#)

SEARCHES & REPORTS

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Searches & Report Generation

Designed with AAUS reporting in mind, **bloop** produces both ad-hoc and AAUS-specific (annual) reports

- Live, hot-linked reports, makes it easy to drill down in to the underlying data:
 - simplifies identifying and correcting problems or errors
- 1-click filing direct to the AAUS portal *updated to 2019 version*

Email groups and subgroups of users based on specific criteria

Modular, generic search system

- Home in on the data, dives, boats, people that you're interested in
- Reveal the data in your dive and boating program

The screenshot shows the 'bloop' web application interface. The user is 'Stu McLellan, Site Superuser'. The main report is 'View report: AAUS Report 2017', which was sent to AAUS on 05/18/18 by Moritz Schuh. The report includes several key metrics:

- Created:** 02/23/18 14:16 by Moritz Schuh
- Updated:** 05/09/18 15:21 by Darrell Montague
- Period:** 01/01/17 - 12/31/17
- Total time:** 164608 min (114 days 7h 28min) from last year, a 7% decrease.
- Total dives:** 3437 from last year, a 12% decrease.
- Total divers:** 84 from last year, a 14% decrease.
- Incidents:** 0 from last year, a 0% change.
- AAUS:** 05/18/18 13:00 by Moritz Schuh

Below these metrics are three tables:

Dives by Breathing gas

	Dive time (min)	Dives logged	Number of divers	Number of incidents
Air	154097	3190	81	0
Nitrox	10486	246	15	0
Mixed Gas	45	1	1	0

Dives by AAUS depth range

	Dive time (min)	Dives logged	Number of divers	Number of incidents
0 - 30 feet	69281	1348	79	0
31 - 60 feet	81834	1723	77	0
61 - 100 feet	13031	349	44	0
101 - 130 feet	462	17	7	0
131 - 150 feet	0	0	0	0
151 - 190 feet	0	0	0	0
> 190 feet	0	0	0	0

Dives by Dive Mode

	Dive time (min)	Dives logged	Number of divers	Number of incidents
OC Scuba	164608	3437	84	0
Rebreather	0	0	0	0
Surface Supplied	0	0	0	0
Hookah	0	0	0	0

At the bottom, there is a section for 'Dives by Diving Purpose'.

SET-UP, MIGRATION AND ONBOARDING



- **blood**'s staff are experienced technologists and divers
- Your program needs will be understood, assessed and **blood** configured to your institutional needs
- Existing data import and translation to **blood** standards
- Your key staff trained on use and deployment of **blood**, enabling the smooth migration of your users
- Switch-over pain is minimised

CUSTOMER SERVICE AND HELPDESK

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Customer Service and Helpdesk

A fully-staffed help desk is available for user queries and support

Consistent service monitoring and technical support resolution

bloop is built on open web standards, using best-of-breed technologies and programming techniques. It is built from the ground up with evolution, growth, development and the future in mind

bloop is committed to delivering the best dive and boat program management solution the industry has seen, and to continuously develop, improve and mould the platform to its users' needs, along with the changing landscape of scientific, research and commercial diving and boating operations.



The logo for 'bloop' is displayed in a white, lowercase, sans-serif font. It is positioned on a bright yellow triangular background that points towards the top right corner of the slide. The rest of the slide has a teal background with a faint, repeating pattern of seaweed or kelp.

For more information
and to schedule a
demo

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