

DAILY SCIENCE LOG BOOK

Version FEB2023

Water Properties Group
Fisheries and Oceans Canada
Institut of Ocean Sciences
Ocean Sciences Division
Norh Saanich, BC, Canada
www.waterproperties.ca

Launch Daily Science
Log Userform

Print Daily Science Log
WorkBook



Cruise Number	2024-027
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Start Date	16-Sep-24
End Date	01-Oct-24

Vessel	Franklin
Project(s)	SoG Juvenile Salmon

Mission Participants (Department/Agencies):	
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Ship Personnel:

Name	Role
Dustin Flahr	Captain
Peter Mitchell	Chief Officer
Andrew McIlrath (?)	Chief Engineer
Peter Bowers	Fishing Master
Mark Tollovesen	Bosun

Scientific Personnel:

Name	Role	Watch	Cabin	Name	Role	Watch	Cabin
Jackie King	Chief Scientist	Day					
Cindy Wright	Oceanography	Day					
Tyler Zubkow	Lab Boss	Day					
Johan Jung		Day					
Maddy Thomson		Day					
Rachael Merrett		Day					

Scientific Equipment:

CTD See field notes that accompany the log regarding performance.

	Primary						Secondary					
Equipment	Make	Model	Serial Number	Pump (P, S or No)	Depth Rating (m)	Comment	Make	Model	Serial Number	Pump (P, S or No)	Depth Rating (m)	Comment
Data Logging Computer	Lenovo		103									
Data Acquisition Program	Seasave											
CTD Deck Unit	SBE	11	1043									
CTD	SBE	9	506									
Temperature Sensor	SBE	4C	2374				SBE	4C	4883			
Conductivity Sensor	SBE	3P	4448				SBE	3P	4434			
Transmissometer	Wetlabs	SeaStar DR	3949									
Fluorometer	Seapoint		3949									
Fluorometer Gain Cable	3x											
Oxygen Sensor	SBE	43	997									
Par Sensor	No											
Additional Sensors...	Altimeter		75321									

Rosette

Setup

Number of Bottles	24
Manufacturer	Goflow
Volume of Bottles (L)	10

Bottles Serial Numbers

1		9		17		25	
2		10		18		26	
3		11		19		27	
4		12		20		28	
5		13		21		29	
6		14		22		30	
7		15		23		31	
8		16		24		32	

Salinometer

Make	Model	Serial Number	Comments on Performance During Cruise

ADCP

		User Exits	
		Name	Exit Points
Computer Time Zone			
Sampling Interval (sec)			
Bin Length: (2^x)			
Pulse Length			
Buffer (bytes)			
Gyro Offset			
Work File			

Thermosalinograph System

Make	Model	Serial/kit Number	Program	Version	Comments on Performance During Cruise
SBE	21	2844	Seasave		See Field notes that accompany the log.

Oxygen kit

Make	Model	Serial/kit Number	Comments on Performance During Cruise
N/A			

Winches

	Make	Model	Serial Number	Comment (Describe Application and Performance)
Winch 1				
Winch 2				
Winch 3				
Winch 4				

CTD Test Cast Information

	CTD Pressure Reading on Deck		Pumps Working (Y = 0011/N = 0010)	2 ° Temp - 1° Temp (Avg. from mixed layer)	2 ° Sal - 1° Sal (Avg. from mixed layer)	Additional Comments
Cast Location	Before Cast	After Cast				
Squally Channel	NA	NA	Y			Germaine Gatien checked

Acoustics

			Frequencies (kHz) - Check Applicable						Comments on Performance During Cruise
Make	Model	Software	12	18	38	70	120	200	

Other Scientific Equipment Used Throughout this Cruise

Additional Equipment Comments During Cruise

Additional Cruise Comments

Pictures (Equipment, Setups etc.)