

DAILY SCIENCE LOG BOOK

MISSION
NUMBER

2011-45

DATE:

From:

OCT 1 / 11

to:

NOV 6 / 11

VESSEL:

W.E. RICHER

PROJECT(S):

HIGH SEAS SALMON - TRUDEL

BOOK 3 OF 3

Water Properties Group
Fisheries and Oceans Canada
Institute of Ocean Sciences
Ocean Sciences Division
Sidney, BC, Canada

WaterProperties.ca

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences

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Month				Year			Ship				Cruise ID				
NOV				2011			W.E. RICKER				2011-45				
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Positional Information		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch Keepers	Trans. Cleaned	Comments
							Latitude	Longitude							
5	V127	0031	BE	CTD		445	48° 49.81	125° 28.20	95			1	H.M.		T: 10.73 S: 30.86
		0033	BO				48° 49.83	125° 28.27		85					BOT @ 10m - SAL/CAL/NOTS
		0035	EN				48° 49.85	125° 28.30							
		0038	BE	NET		446	48° 49.86	125° 28.34		86					BONGO
			BE	TRAWL		447	CANCELLED - WIRE BROKEN								TRAWL
5	V128	1405	BE	CTD		448	48° 34.69	125° 02.97	81			1			T: 9.76 S: 31.70
		1407	BO				48° 34.70	125° 02.96		70					BOT @ 10m - SAL/CAL/NOTS
		1409	EN				48° 34.70	125° 02.95							
		1413	BE	NET		449	48° 34.73	125° 02.98		70					BONGO
		1621	BE	TRAWL		450	48° 33.64	124° 56.51	67						TRAWL @ 0m
5	IF6	1742	BE	CTD		451	48° 34.80	124° 44.93	54			2			T: 8.95 S: 31.43
		1744	BO				48° 34.79	124° 44.91		45					BOT @ 10m - SAL/CAL/NOTS/PH
		1745	EN				48° 34.79	124° 44.90						(*)	BOT @ FOR PH
		1747	BE	NET		452	48° 34.74	124° 44.84		44					BONGO
		1803	BE	TRAWL		453	48° 34.51	124° 43.66	63						TRAWL @ 15m

⇒ Net was changed because it needed to be fixed

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Month NOV				Year 2011			Ship W.E. RICHER				Cruise ID 2011-45				
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Positional Information		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch Keepers	Trans. Cleaned	Comments
							Latitude	Longitude							
5	IF 5	1939	BC	CTD		454	48°29.58	124°28.40	160			2	H.M.		T: 8.63 S: 31.90
		1942	BO				48°29.56	124°28.30		150					BOTE@10m - SAL/CHL/NOTS/PH
		1948	EN				48°29.52	124°28.17							BOTE 145 FOR PH
		1951	BE	NET		455	48°29.48	124°28.09		150					BONGO
		2009	BE	TRAWL		456	48°29.16	124°26.79	157						TRAWL @ 0m
5	IF 4	2133	BE	CTD		457	48°26.22	124°13.92	67			1			T: 8.64 S: 31.84
		2134	BO				48°26.23	124°13.90		55					BOTE@10m - SAL/CHL/NOTS
		2136	EN				48°26.23	124°13.89							
		2138	BE	NET		458	48°26.24	124°13.84		54					BONGO
		2153	BE	TRAWL		459	48°26.04	124°12.53	52						TRAWL @ 15m
5	IF 3	2314	BE	CTD		460	48°23.02	124°02.69	100			1			T: 8.79 S: 31.67
		2316	BO				48°23.02	124°02.66		90					BOTE@10m - SAL/CHL/NOTS
		2318	EN				48°23.03	124°02.65							
		2321	BE	NET		461	48°23.03	124°02.64		89					BONGO
		0037	BE	TRAWL		462	48°22.98	124°01.64	99						TRAWL @ 0m
END OF CRUISE															

Transmissometer to be cleaned before each cast, do not use Ammonia products

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Cast Type:

BOT = Bottle cast, no CTD
 CTD = CTD without Rosette
 ROS = Rosette plus CTD

USW = Sea Water Loop

MOR = Mooring

NET = Plankton Net Haul

DRF = Drifter

Bottle Firing Method:

US = Up / Stop

UN = Up / No stop

DN = Down / No stop

Time Code:

BE = Beginning Time of Cast

BO = Bottom Time of Cast

EN = End Time of Cast

DE = Deployment Time

MR = Messenger Release Time

RE = Recover Mooring Time

Produced by the Water Properties Group, IOS

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