

DAILY SCIENCE LOG BOOK

MISSION
NUMBER

2009-46

DATE:

From: 08 OCT 09 to: 17 NOV 09

VESSEL:

W. E. RICKER

PROJECT(S):

HIGH SEAS SALMON - TRUDEL

Book 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 NOVEMBER				Year 2009			Ship W.E. RICKER				Cruise ID 2009-46				
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							
15	15CA 20	1649	BE	CTD		438	55° 51.97	131° 05.40	562			1	H.M.		T: 7.38 S: 24.91
		1653	BO				55° 51.95	131° 05.34		250					BOTOM - SAL/CAL/NUTS
		1658	EN				55° 51.94	131° 05.26							
		1701	BE	NET		439	55° 51.93	131° 05.14		150					BONGO
		1734	BE	TRAWL		440	55 51 24	131 04. 34							TRAWL
15	15CA 21	1848	BE	CTD		441	55° 43.98	130° 57.66	374			1			T: 7.12 S: 25.47
		1852	BO				55° 43.99	130° 57.68		250					BOTOM - SAL/CAL/NUTS
		1857	EN				55° 44.02	130° 57.70							
		1902	BE	NET		442	55° 43.99	130° 57.71		150					BONGO
		1923	BE	TRAWL		443	55 43.41	130 54.67							TRAWL
15	15CA 22	2038	BE	CTD		444	55° 35.98	130° 53.96	566			1			T: 7.48 S: 26.54
		2043	BO				55° 35.97	130° 53.92		250					BOTOM - SAL/CAL/NUTS
		2048	EN				55° 35.97	130° 53.84							
		2051	BE	NET		445	55° 35.97	130° 53.83		150					BONGO
		2112	BE	TRAWL		446	55 35.18	130 54.12							TRAWL

Cast Type:

BOT = Bottle cast, no CTD
CTD = CTD without Rosette
ROS = Rosette plus CTD
SET = Fish Set

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

Notes:

Time Code:

BE = Beginning Time of Cast
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MR = Messenger Release Time
RE = Recover Mooring Time

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

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Month <u>NOVEMBER</u>				Year <u>2009</u>			Ship <u>W.E. RICKER</u>				Cruise ID <u>2009-46</u>				
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							
15	15CA 23	2222	BE	CTD		447	55° 28.90	130° 58.34	361			1	H.M.		T: 7.81 S: 27.47
		2227	BO				55° 28.85	130° 58.31		250					BOTOM. SAL/CHL/NUTS
		2232	EN				55° 28.81	130° 58.28							
		2235	BE	NET		448	55° 28.79	130° 58.29		150					BONGO
		2255	BE	TRAWL		449	55 27.97	130 58.08							TRAWL
16	15CA 24	0133	BE	CTD		450	55° 17.14	130° 58.09	236			1			T: 7.95 S: 29.40
		0137	BO				55° 17.11	130° 58.11	220	210					BOTOM. SAL/CHL/NUTS
		0142	EN				55° 17.08	130° 58.14						*	ARCHIVE ON UFGAST
		0145	BE	NET		451	55° 17.07	130° 58.12		150					BONGO
		0017	BE	TRAWL		452	55 19 63	130 55 28							TRAWL
16	DE 06	1507	BE	CTD		453	54° 13.12	132° 54.75	73			1			T: 8.63 S: 31.78
		1508	BO				54° 13.13	132° 54.73		65					BOTOM. SAL/CHL/NUTS
		1509	EN				54° 13.14	132° 54.72							
		1513	BE	NET		454	54° 13.14	132° 54.63		70					BONGO
		1536	BE	TRAWL		455	54 12.99	132 53.23							TRAWL

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							Latitude	Longitude							
16	DE 05	1634	BE	CTD		456	54° 11.02	132° 46.03	81			1	H.M.		T: 8.66 S: 31.79
		1635	BO				54° 11.01	132° 45.95		70					BOT@10m. SAL/CHL/NOTS
		1637	EN				54° 11.00	132° 45.90							
		1642	BE	NET		457	54° 11.00	132° 45.72		70					BONGO
		1654	BE	TRAWL		458	54 10.92	132 43.99							TRAWL
16	DE 04	1807	BE	CTD		459	54° 08.72	132° 31.21	62			1			T: 8.66 S: 31.87
		1808	BO				54° 08.71	132° 31.17		50					BOT@10m. SAL/CHL/NOTS
		1809	EN				54° 08.71	132° 31.15							
		1812	BE	NET		460	54° 09.67	132° 31.03							BONGO
		1830	BE	TRAWL		461	54 08.66	132 28.92							TRAWL
16	DE 03	1947	BE	CTD		462	54° 10.15	132° 14.10	82			1			T: 8.55 S: 31.79
		1948	BO				54° 10.15	132° 14.03		70					BOT@10m. SAL/CHL/NOTS
		1950	EN				54° 10.16	132° 13.93							
		1955	BE	NET		463	54° 10.17	132° 13.80		70					BONGO
		2013	BE	TRAWL		464	54 10.33	132 11.86							TRAWL

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