CRUISE NUMBER 9705

DAILY LOG
INSTITUTE OF OCEAN SCIENCES
OCEAN PHYSICS

DATE 10 MARCH 1997

VESSEL W.E. RICKER

PROJECT HIGH SEAS SALMON

Captain: S. GULATI First Officer (CH.): BRIAN HEARGRAVES

Second Officer: MICHAEL SHUCKBURGH Third Officer: FISHING MASTER: ALLAN YOUNG

Cruise Participants / Agencies: PBS / IOS

Scientific Personnel: Party Chief: DAVID WELCH

Name	Watch	Cabin	Name	Watch	Cabin
JIM MORRIS					
BRIAN HARDENBERG					
DICK CARLSON					
ED FARLEY					
HANK STATSCHEWICK					
KATHY HEISE					

Second leg of cruise: Party Chief:

Name	Watch	Cabin	Name	Watch	Cabin

Data logging system: Unit no.:

Program Name: CTD.EXE Program version: 1.47

CTD deck unit make: GUILDLINE model: 8710? serial no.:

Computer make: AST model: ~~AT (10MHz)~~ serial no.:

1st CTD make: GUILDLINE model: 8709 serial no.: 53977

Temperature sensor model: serial no.:

coefficients: slope: 1.000256 offset: −0.0060457 (cal. 97/4/23)

Conductivity sensor model: serial no.:

coefficients: slope: 1.000510 offset: +5.8077 E−4

Pressure sensor range: 1000 psi serial no.:

coefficients: FSP: dB offset:

Transmissometer model: serial no.:

coefficients: slope: offset:

Comments:

2nd CTD make: SEABIRD model: SBE19 serial no.: 1031

Temperature sensor model: serial no.:

coefficients: slope: offset:

Conductivity sensor model: serial no.:

coefficients: slope: offset:

Pressure sensor range: psi serial no.:

coefficients: FSP: dB offset:

Transmissometer model: serial no.:

coefficients: slope: offset:

Winches:

1. make: model: serial no.: use:
2. make: model: serial no.: use:
3. make: model: serial no.: use:
4. make: model: serial no.: use:
5. make: model: serial no.: use:
6. make: model: serial no.: use:
7. make: model: serial no.: use:

Salinometer: make: model: serial no.:

SAIL System:

Program version: Time zone:

Sampling interval: 60 sec

CTF module no.: serial no.:

Remote temperature model: serial no.:

Flow sensor model: serial no.:

Other sensors: (special for this cruise)

Name: module ID: serial no.:

Name: module ID: serial no.:

Name: module ID: serial no.:

Comments:

ADCP Setup:

Program version: number of depth bins:

Time zone: bin length (2x):

Sampling interval: sec pulse length:

Blank beyond transmit: pings per ensemble:

Pulse cycle time:

% pings good threshold:

Comments:

DATE/TIME: PDT (=Z-8)

DAILY LOG — OCEAN PHYSICS — INSTITUTE OF OCEAN SCIENCES

YEAR 1997 | MONTH MARCH | SHIP W.E. RICKER | CRUISE 9705 | PAGE OF

DAY (UTC)	STATION ID	CAST TYPE #	TIME (UTC)	TIME CODE	STD/HYDRO CONSEC #	LATITUDE N	LONGITUDE W	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS
13	001	CTD	16:00		#2	51° 32.6	130° 03.5	GPS	2450	230				
14	002	"	06:20		#3	52° 49.95	132° 27.31		180	170				
14	003	"	09:26		#4	52° 56.44	132° 30.68			0→22 m				stopped→cable jumped sheave
	003	"	9:28		#5	52° 56.43	132° 31.60		880m	650				2nd part, Stn. 3
14	4	"	11:37		6	52° 54.06	132° 38.56			600				
14	5		13:47		7	52° 51.66	132° 46.22		1549	600				
14	6		1600						>1200	600				
	7													
	8													
	9													
	10													
	11													
	12													
	13													
	14													
	15													
	16													
	17													

CAST TYPE - BOT - bottle cast; CTD - ctd; MOR - mooring; ROS - rosette; NET - net haul; DRF - drifter; USW - sea water loop

TIME CODE - BE - beginning time of cast; BO - bottom time of cast; EN - end of cast; DE - deployment time; MR - messenger release; RE - recover mooring

POSITION CODE - RAD - RADAR; GPS - GLOBAL; LOR - LORAN