

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
RV Alpha Helix		H X 2 5 9				KRX05	
CONSC CAST #	LATITUDE		LONGITUDE		DATE-JD=		TIME (GMT)
	DEG	MIN	DEG	MIN	DAY	MO	YR
151	54	24	16	54	17	JUN	02
	WET BULB		DRY BULB		WIND DIRN.		WIND SPD.
	(°C)		(°C)		(deg)		(m/s)
	SEA STATE		PRESSURE		CLOUD (amt)		WEATHER
	BOTTOM DEPTH		STA. NAME/ID				
	(m)						
	152						
REMARKS							
SBE 9+ 08P 26778-0656							
PRESS SN 8 6 5 3 1							
PRI TEMP SN 1771							
SEC TEMP SN 1772							
PRI COND SN 2272							
SEC COND SN 2251							
POS. TRIP DEPTH							
1 140							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							







VESSEL		PROJECT & LEG		DSD8 I.D.		STATION DESIGNATION								
RV Alpha Helix		H X 2 5 9				12 x 0 1								
CONSC CAST #	LATITUDE	LONGITUDE		DATE-JD=		TIME (GMT)	WET BULB	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
DEG MIN	DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	(deg)	(m/s)	(m)		(m)	
15 54 21	27 N	16 54 17	70 W	17 JUN	02 32	20							125	
SBE 9+ 09P.26778-0656		TIMES		JD/TIME		DATA LOCATION		REMARKS						
PRESS SN	8 6 5 3 1	DATA ON				Tape/Diskette ID		File Name/Header						
PRI TEMP SN	1771	START DOWN												
SEC TEMP SN	1772	AT DEPTH												
PRI COND SN	2272	AT SURFACE												
SEC COND SN	2251													
TRIP DEPTH	121	PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CHLAM SN		TRANS. SN _ cst241dr						
POS.		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SALINITY		SALINITY		SAL		NUTR.	CHL.	PAM Other
1		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY					15.5				
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														



VESSEL		PROJECT & LEG		DSDB ID.		STATION DESIGNATION							
RV Alpha Helix		H X 2 5 9				KR709							
CONSC CAST #	LATITUDE	LONGITUDE	DATE-JD=	TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	SEA STATE PRESSURE (mb)	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
1575428.41 N	16543.62 W	18 J U N 0 20425										358	
SBE 9+ 09P-26778-0656		TIMES		JD/TIME		DATA LOCATION		REMARKS					
PRESS SN	8 6 5 3 1	DATA ON		Tape/Diskette ID		File Name/Header							
PRI TEMP SN	1771	START DOWN											
SEC TEMP SN	1772	AT DEPTH											
PRI COND SN	2272	AT SURFACE											
SEC COND SN	2251	PAR SN		4 4 9 7	FLUOR SN		0 2 1 8 2	CHLAM SN					
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAL.		NUTR.		CHL.	
1	0	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY			SAL.		NUTR.		CHL.	
2								SAL.		NUTR.		CHL.	
3								SAL.		NUTR.		CHL.	
4								SAL.		NUTR.		CHL.	
5								SAL.		NUTR.		CHL.	
6								SAL.		NUTR.		CHL.	
7								SAL.		NUTR.		CHL.	
8								SAL.		NUTR.		CHL.	
9								SAL.		NUTR.		CHL.	
10								SAL.		NUTR.		CHL.	
11								SAL.		NUTR.		CHL.	
12								SAL.		NUTR.		CHL.	

VESSEL RV Alpha Helix		PROJECT & LEG H X 2 5 9		DSDB I.D.		STATION DESIGNATION K2Y08	
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN	DATE - JD = DAY MO YR	TIME (GMT) HR MIN	WET BULB (°C)	WIND DIRN. (deg)	WIND SPD. (m/s)
1525427.55 N	16541.89 W	18 JUN 02	0458				
SBE 9+ 09P.26778-0656		JD/TIME		DATA LOCATION		REMARKS	
PRESS SN 86531	DATA ON	Tape/Diskette ID		File Name/Header			
PRI TEMP SN 1771	START DOWN						
SEC TEMP SN 1772	AT DEPTH						
PRI COND SN 2272	AT SURFACE						
SEC COND SN 2251	PAR SN 4497	FLUOR SN 02182	CHLAM SN	MAX. DEPTH = m		Cleansed air bleed valve	
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL	NUTR. CHL. PAM Other
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							





VESSEL RV Alpha Helix		PROJECT & LEG H X 2 5 9						DSDB I.D.				STATION DESIGNATION <i>KR706</i>						
CONSC CAST #	LATITUDE		LONGITUDE		DATE -JD=		TIME (GMT)		WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR										
1160	54	25.72	N	165	38.36	W	18	JUN	02	05	56						123	
SBE 9+ 09P.26778-0656																		
PRESS SN	8 6 5 3 1		DATA ON															
PRI TEMP SN	1771		START DOWN															
SEC TEMP SN	1772		AT DEPTH															
PRI COND SN	2272		AT SURFACE															
SEC COND SN	2251																	
PAR SN _ 4 4 9 7			FLUOR SN _ 0 2 1 8 2			CHLAM SN												
CTD CONVERTED MONITOR VALUES																		
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.		SEC. TEMP		SALINITY		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER						
1												SAL	NUTR.	CHL	PAM	Other		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

VESSEL		PROJECT & LEG				DSD8 I.D.				STATION DESIGNATION												
RV Alpha Helix		H X 2 5 9								122405												
CONSC CAST #	LATITUDE	LONGITUDE			DATE-JD=		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID				
		DEG	MIN	SEC	DEG	MIN													DAY	MO	YR	HR
116154	24.83 N	1658	6.66 W	18	JUN	02	0619										104					
SBSE 94-09P-26778-0656		TIMES		JD/TIME		REMARKS																
PRESS SN	8 6 5 3 1	DATA ON				File Name/Header																
PRI TEMP SN	1771	START DOWN																				
SEC TEMP SN	1772	AT DEPTH				Cleaned air bleed valve																
PRI COND SN	2272	AT SURFACE				MAX. DEPTH = m																
SEC COND SN	2251	PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CHLAM SN		TRANS. SN _ cst241dr														
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																				
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA												SAL.	NUTR.	CHL	PAM	Other
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION								
RV Alpha Helix		H X 2 5 9				K2Y04								
CONSC CAST #	LATITUDE	LONGITUDE	DATE-JD=		TIME (GMT)	DRY BULB	WET BULB	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	HR	MIN	(°C)	(°C)	(deg)	(m/s)	*	(m)	
1625423.93	N	16534.92	W	18	JUN	02	06	41					87	
SBE 9+ 09P. 26778-0656		TIMES		JD/TIME		DATA LOCATION		REMARKS						
PRESS SN	8 6 5 3 1	DATA ON				Tape/Diskette ID		File Name/Header						
PRI TEMP SN	1771	START DOWN												
SEC TEMP SN	1772	AT DEPTH												
PRI COND SN	2272	AT SURFACE												
SEC COND SN	2251													
POS.	TRIP DEPTH	PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CHLAM SN _		TRANS. SN _ cs241dr						
		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER								
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAL. NUTR. CHL. PAM Other								
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION								
RV Alpha Helix		H X 2 5 9				K2YD3								
CONSC	LATITUDE	LONGITUDE		DATE - JD =		TIME (GMT)	WET BULB (°C)	DRY BULB (°C)	WIND DIRN. (deg)	WIND SPD. (m/s)	WIND TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
CAST #	DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN									
11635422.90N	16532.90W	16532.90W	16532.90W	8 JUN 01	20706								137	
SBE 9+ 09P 26778-0656		TIMES		JD/TIME		DATA LOCATION		REMARKS						
PRESS SN	8 6 5 3 1	DATA ON				Tape/Diskette ID		File Name/Header						
PRI TEMP SN	1771	START DOWN												
SEC TEMP SN	1772	AT DEPTH												
PRI COND SN	2272	AT SURFACE												
SEC COND SN	2251	PAR SN		4 4 9 7		FLUOR SN		0 2 1 8 2		CHLAM SN				
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SALINITY		SALINITY		SAL NUTR. CHL. PAM Other		
1		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY									
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

VESSEL		PROJECT & LEG		DSD8 I.D.		STATION DESIGNATION									
RV Alpha Helix		H X 2 5 9				KRYD2									
CONSC CAST #	LATITUDE		LONGITUDE		DATE -JD=		TIME (GMT)	WET BULB	WET BULB	WIND DIRN.	WIND SPD.	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO									YR
11645522	2.14	N	16531	38	W	18	JUN	02	07	28					
SBE 9+ 09P.26778-0656															
PRESS SN	8 6 5 3 1		DATA ON		Tape/Diskette ID		File Name/Header								
PRI TEMP SN	1771		START DOWN												
SEC TEMP SN	1772		AT DEPTH												
PRI COND SN	2272		AT SURFACE												
SEC COND SN	2251														
POS.	TRIP DEPTH	PAR SN _ 4 4 9 7		FLUOR SN _ 0 2 1 8 2		CHLAM SN		TRANS. SN _ cs241dr							
CTD CONVERTED MONITOR VALUES															
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER							
1	127							SAL. NUTR. CHL. PAM Other							
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															

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