PG 1 OF 92

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PG 2 OF 92

VESSEL		PROJECT and LEG	- - - - - -	DSDB I.D.				STATION	STATION DESIGNATION	NO	
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SEC COND SN	2490		PAR S/N 4603		WETStar S/N 623P	23P					
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PG 3 OF 92

VESSEL			IPROJECT and LEG	11EG		DSDB1D			:	TATE	ON DES	STATION DESIGNATION	2	
NOAA Ship RON BROWN	ip RON B	ROWN	RB-01-03, leg 3	3			98						5	
CONSC CAST#		LATITUDE	LONGITUDE		DATE JD= \HQ	TIME (GMT)	DRY WET	P H	SEA STATE  YTUIBICIY	WIND WIND	CLOUD (AMT) TYPE	ЯЭНТАЭМ	BOTTOM 8	STATION NAME/ID
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SEC TEMP SN		969		АТ ОЕРТН						Cleaned air bleed valve	air blee	d valve		
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SEC COND SN		2490		PA	PAR S/N 4603		WETStar S/N 623P	3P						
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PGH OF 92

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PG 60 OF 92

	PROJECT and LEG RB-01-03, leg 3		DSDB I.D.			S	ration c	STATION DESIGNATION	NOI	
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PG ₹ OF 92

VESSEL NOAA Ship RON BROWN			PROJECT and LEG RB-01-03, leg 3	nd LEG g 3			DSDB I.D.					S	TATION	STATION DESIGNATION	VIION	
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PG 8 OF 92

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PG 10 OF 92

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PG 13 OF 92

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PG \8 OF 92

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ATII	LATITUDE	ONG	TUDE	DATE JD= \ぢ\	TIME (GMT)	DRY V	WET BULB	FRESSURE STATS ABS	VISIBILITY  WIND  RECORDS  WIND		CLOUD (AMT) 39YT	яэнта <b>э</b> w	BOTTOM S DEPTH N	STATION NAME/ID
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PG 21 OF 92

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and LEG leg 3	LONGITUDE		TIMES	DATA ON	START DOWN	AT DEPTH	AT SURFACE			PRI SAL	•							, .				
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PG 320F 92

VESSEL NOAA S	L Ship RON	VESSEL NOAA Ship RON BROWN	PROJECT and LEG RB-01-03, leg 3	nd LEG g 3		DSDB 1.D.					STATIO	STATION DESIGNATION	VATION		
CONSC			·			TIME	DRY	WET	ESSURE ETATS A	SIBILITY	WIND	OUD (AMT) 99° FATHER			STATION
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SEC TE	SEC TEMP SN	969		AT DEPTH	I						Cleaned air bleed valve	r bleed val	lve		
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SEC C	SEC COND SN	2490		Ы	PAR S/N 4603		WETStar S/N 623P	3/N 623P							
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PG 23 OF 92

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STATION DESIGNATION	S P O O (AMT)  • CLOUD (AMT)	F 89				Cleaned air bleed valve	H=	,		SAL				-		,				_		
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PG 34 OF 92

	STATION NAME/ID	6								N <sub>S1</sub>												
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NOI	BOTTOM DEPTH	(m)					*			됭	,				,							
IGNAT	ЯЗНТАЗW	,				valve			-	NUTR												
STATION DESIGNATION	CLOUD (AMT)	1 7				iir bleed		-			3.5											_
STATIC	WIND	(m/s)				Cleaned air bleed valve	PTH=			SAL	20											
	WIND	(deg)	REMARKS			ŏ	MAX DEPTH =	·														
	VISIBILITY	·	REM		- !		· *		-	SEC TEMP	`			-		N + 1						
	PRESSURE SEA STATE			Header	H.		-			SEC												
	WET		NOL	File Name/Header	CASTOAH		,	623P	,		- ·				-	,						
			DATA LOCATION	File	S			WETStar S/N 623P	Nga K	EMP			,		4							
	DRY BULB		DATA	ette ID			,	WETS	LUES	PRI TEMP				- <sup>1</sup> / <sub>2</sub> ,								
DSDB I.D.	TIME (GMT)	HR MIN		Tape/Diskette ID					CTD CONVERTED MONITOR VALUES	~~	-			**************************************			*			_		$\dashv$
SQ		œ -					,		MONIC	AL A	**		,	,	,			٠				
	JD=7	z					,	603	ÆRTE(	SEC SAL			,		_							
	DATE	7		•	-			PAR S/N 4603	CON			,							٠	_		
5		× ×	ES	DATA ON	START DOWN	AT DEPTH	AT SURFACE	PA	ιĒ			, ,										
and LE leg 3	LONGITUDE	N Lt	TIMES	L <sub>A</sub> O	STA	AT	AT.			PRI SAL								•				
PROJECT and LEG RB-01-03, leg 3	ľo LO	DEG 1 1 1 1 1																	:			
PR RB		3 N		;	1					빏			REL	,						-	-	
OWN	LATITUDE	MIN F	209	53586	3P2786	969	2489	2490		PRESSURE			0.15				× ·					
VESSEL NOAA Ship RON BROWN	Ţ	DEG 5 GO 7		ښ;													-					
SEL A Ship F		0 2 4 5 60	SBE 9PLUS	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	TRIP	DEPTH	117	001	7.5	50	40	ηO	3.0	20	10		0	
VESSEL NOAA S	CONSC CAST #	0	SBE	PRE	PRIT	SEC	PRIC	SEC	POS		-	7	က	4	5	9	7	ω	6	10	=	12

PG25 OF 92

VESSEL			PROJECT and LEG	LEG		DSDB LD.					0)	TATION	STATION DESIGNATION	ATION		
NOA	Ship RON	NOAA Ship RON BROWN	RB-01-03, leg 3	3				ŀ	ł							
								<u>.,.</u>				(TMA)			_	
CONSC CAST #		LATITUDE	LONGITUDE		DATE JD= \සිඩ	TIME (GMT)	DRY V BULB E	WET	SS3A9 TS A3S	VISIBIL	WIND	CCOUD SP WIND	TYPE HTA3W	BOTTOM DEPTH		STATION NAME/ID
	DEG	MIN	DEG M	H	DAY MO YR	HR MIN	DEG C			. *			. •	1		
رد 0	ا ا ا	0255604.42N	17004	50 W	0 1 J U N 0 1	<u>।</u> ४९०	ত ত	0 .	6	ľ	0	7 8	<u>n</u>	7	σ	a
SBE 9	SBE 9PLUS	209		TIMES			DATA LOCATION	TION		REM/	REMARKS			•		
PRESS SN	S SN	53586		DATA ON	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tape/Diskette ID		File Name/Header	Header							
PR! T	PRI TEMP SN	3P2786	1	START DOWN	NWC	t 5 6 6 6	J	CASTORE	ប្ត							
SEC 1	SEC TEMP SN	969		АТ ОЕРТН		6 6 6 6 6					<u></u>	aned air	Cleaned air bleed valve	e v		-
PRIC	PRI COND SN	2489		AT SURFACE			*			, <b>2</b>	MAX DEPTH =		ا/ا		Ε	
SEC (	SEC COND SN	2490	6 9 6 6 6 1 1	V PA	PAR S/N 4603		WETStar S/N 623P	1 623P								
POS	TRIP			CT	CTD CONVERTED MONITOR VALUES	UNITOR VAL	LUES					-				
	DEPTH	PRESSURE	PRI SAL	SAL	SEC SAL	-	PRI TEMP		SEC	SEC TEMP		SAL	NUTR	R CHL	_	N <sub>S1</sub>
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PG 26 OF 92

	STATION NAME/ID	ර								15N												
		3					Ε			몽							•	. <u>.                                   </u>				
VTION	BOTTOM DEPTH	(m)   1   4 3				o.							_			-						
ESIGN/	39YT MEATHER					ed valv	30			NUTR												ŀ
STATION DESIGNATION	SPO OT (AMA)	* (s/m)				Cleaned air bleed valve	4-4			SAL	7											
ST,	_	(deg) (m 393 (	aks			Clean	MAX DEPTH =				ਰ											
	VISIBILITY	90	REMARKS	,	<u> </u>		MA			SEC TEMP								٠				
	BRESSURE SEA STATE			leader	بو					SEC												
	WET BULB		NOI	File Name/Header	CASTORA			623P				-										
		- 1	DATA LOCATION		G			WETStar S/N 623P		PRI TEMP												
	DRY BULB		DAT/	kette ID	1			WET	'ALUES	P. I.A.												
DSDB I.D.	TIME (GMT)	STON		Tape/Diskette ID					CTD CONVERTED MONITOR VALUES									_				
	1	N O YR						·	TED MO	C SAL					_				;			į
	re JD=	<u>წ</u> ⊃						'N 4603	ONVER	SEC												
$\mathbb{H}$	DATE	S w		NO	START DOWN	PTH	AT SURFACE	PAR S/N 4603	СТВС									_				
nd LEG g 3	, LÓNGITUDE	MIN	TIMES	DATA ON	STAR	АТ БЕРТН	AT SU	<u>\</u>		PRI SAL									'		Sin.	
PROJECT and LEG RB-01-03, leg 3	LONG	868 8851		į	į					PF												
PRC RB-(		DEG N / 6 S			6 0 0					JRE		_							_			
ROWN	LATITUDE	NIM [C].	209	53586	3P2786	969	2489	2490		PRESSURE				2								
VESSEL NOAA Ship RON BROWN	Ā	DEG 5 6 0								DEPTH	30	Q	6	50	0	8	Q	7	R	0		
VESSEL NOAA Ship	CONSC		SBE 9PLUS	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	POS	DE	1	2 10	3 7 8	5	5 40	6 3 A	7 20	80		10	-11	12
ΣŽ	0 0	0	S	ā	۵	Ŝ	ā	S	111				<u> </u>					ŀ				

PGJTOF G2

ı i	STATION NAME/ID	h 건	-							N <sub>91</sub>												
NOI	BOTTOM DEPTH	583					m			CHL						~						
DESIGNATI	A3HTA3W * © □	7			6 6 6 6 6 6 6 6	eed valve	67			NUTR												
STATION DESIGNATION	SPD (AMT)	128			1	Cleaned air bleed valve	S			SAL	24	:		_							,	
	• VISIBILITY  OIPN OIPN OIPN	7086	REMARKS			ŏ	MAX DEPTH =			EMP								•				
	BESSURE ∃TATS A38 +	W	<u> </u>	Header	26			,		SEC TEMP		el .	2							ļ		
	WET BULB DFG C	4	CATION	File Name/Header	Cast Od	1 6 6 6 6 6	i	WETStar S/N 623P		۵	_	-	**	'								
	DRY BULB		DATA LOCATION	ette ID		6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		WETStar	YLUES	PRI TEMP				-		-			:			
DSDB 1.D.	TIME (GMT)	0		Tape/Diskette ID				X	NITOR VA				•									
	MO YB	1		1 1 1 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6 3 3 4 3 6 8 8 8 8			603	CTD CONVERTED MONITOR VALUES	SEC SAL												
	DATE		£2	·				# PAR S/N 4603	CTD CON									_				
and LEG eg 3	LONGITUDE , MIN	784 4	TIMES	DATA ON	START DOWN	AT DEPTH	AT SURFACE	7		PRI SAL						,		•		~		
PROJECT and LEG RB-01-03, leg 3	LONG	1693	1							<u>"</u>								· -			-	
	LATITUDE	8 . 96 N	209	53586	3P2786	969	2489	2490		PRESSURE												
VESSEL NOAA Ship RON BROWN	DEG	8							TRIP	DEPTH F	49	400	300	202	201	75	50	30	.2	707	0	
VESSEL NOAA SI	CONSC CAST #	02755	SBE 9PLUS	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	POS	<u>.</u>	1	7		7	2	ဖ	7	- ∞	<b>6</b>	_	1	12

PG18 OF 92

CASTS  CA	VESSEL NOAA Ship RON BROWN		PROJECT and LEG RB-01-03, leg 3	DSDB I.D.			STATION DESIGNATION $\mathcal{L}_{\mathcal{L}_{\mathcal{L}_{\mathcal{L}_{\mathcal{L}}}}}$	ESIGNATIO	NO 75-	
Min   DEG   Min   DEG   C DEG   C   C   C   C   C   C   C   C   C	٦	ATITUDE	DATE	TIME (GMT)		PRESSURE SEA STATE VISIBILITY	SPD CLOUD (AMT)	ЯЭНТАЭМ		TATION AME/ID
Times		MIN 56 . 22 2 N	16924.24w0150N	<del>!                                    </del>		(mp)	· 8 8 !	. 4	1	75
Second	rns	209	TIMES		DATA LOCAŢIO					
3P2786   START DOWN	SN	53586	DATA ON	Tape/Diske		me/Header				
AT DEPTH   AT SURFACE   AT SU	MP SN	3P2786	START DOWN		3	% 5 6 7 0				
AT SURFACE   MAX DEPTH =	EMP SN	969	4.7	91.			leaned air ble	ed valve		
Par Sn 4603   Wet Star Sn 623P	NS QNC	2489		,		MAX DE	EPTH =		E	
PRESSURE   PRI SAL   SEC SAL   PRI TEMP   SEC TEMP   SAL   NUTR   CHL	NS QNO	2490	PAR S/N 4603		WETStar S/N 623	lp	8			
PRESSURE PRISAL SEC SAL PRITEMP SEC TEMP SAL NUTR CH. $2 \le 10^{-10}$ CH. $1 \le 10^{-10}$	POS TRIP		CTD CONVERTED A	MONITOR VAI	LUES					
	DEPTH	PRESSURE	PRI SAL		PRI TEMP	SEC TEMP	SAL	NUTR	CHL	N <sub>51</sub>
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PG29 OF 92

VESSEL NOAA Ship RON BROWN RB-01-03, leg 3		PROJECT and LEG RB-01-03, leg 3			DSDB I.D.					STATI	ON DES	STATION DESIGNATION	NO NO	26
LONGI		LONGITU	, JDE	=QC			-	SEA STATE	VISIBILITY O NEW D		CLOUD (AMT	ЯЭНТАЭМ	ВОТТОМ DEPTH	STATION NAME/ID
DEG MIN DEG MIN	MIN DEG MIN	DEG MIN		¥ Z	HR MIN	DEG C D	DEG C (r		. (deg)	(m/s)	0.5		(II)	17(
209 TIM	209 TIM	TIM				DATA LOCATION	NOIL		REMARKS	S	,		7	
PRESS SN 53586 DATA ON	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DATA ON			Tape/Diskette ID		File Name/Header	leader						
PRI TEMP SN 3P2786 START DOWN		START DOWN	Š.	7		<b>V</b>	Sept o	ويره						
SEC TEMP SN 696 AT DEPTH	0 0 0 0 0 0 0 0	АТ DEPTH	_		4					Cleaned air bleed valve	air bleed	fvalve		
PRI COND SN 2489		AT SURFACE	E)			tjes			MAX	MAX DEPTH =	N	0	٤	
11°	<u> </u>	PAR S/N	H S/N	4603		WETStar S/N 623P	1 623P							
POS TRIP CTD CONVER	CTD CON	CTD CON	D CO	VERTED MO	TED MONITOR VALUES	JES				•				
DEPTH PRESSURE PRI SAL			:	SEC SAL		PRI TEMP		SEC	SEC TEMP	SAL		NUTR	CHL	N <sub>21</sub>
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PG 30 OF 92

VESSEL NOAA SI	VESSEL NOAA Ship RON BROWN		PROJECT and LEG RB-01-03, leg 3		DSDB I.D.				STATION	STATION DESIGNATION	NO 44	
CONSC CAST #		DE	, LONGITUDE	=OC :	TIME (GMT)	DRY W	WET WET PRESSURE SEASONE	VISIBILITY	SPD (AMA)	мертнев Мертнев О В	BOTTOM S DEPTH N	STATION
0 2 0	DEG SS	Z 0 C	DEG MIN	LON ULLON	HR MIN 1 7 45	$H_{\sim}$	(fun /		(m/s) · 2 · 8		(E)	47
SBE 9PLUS	US 209		TIMES	38		DATA LOCATION	NO	REMARKS				
PRESS SN		92	DATA ON		Tape/Diskette ID		File Name/Header					
PRI TEMP SN		786	START DOWN	DOWN	1 4 6 6 7 7	Ŝ	X030					
SEC TEMP SN		1 1 1 5 6	AT DEPTH					<u></u>	Cleaned air bleed valve	eed valve		
PRI COND SN			AT SURFACE					MAX DEPTH =	EPTH =		Ē	
SEC COND SN		)		PAR S/N 4603		WETStar S/N 623P	323P					
POS				CTD CONVERTED MO	TED MONITOR VALUES	UES						
	DEPTH PRE	PRESSURE	PRI SAL	SEC SAL		PRI TEMP	SEC	SEC TEMP	SAL	NUTR	분	15 <sub>N</sub>
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6	30											-
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PG 310F 92

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	STATION NAME/ID	a		7						15 <sub>N</sub>								,				
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NOIL	BOTTOM DEPTH	170		1400							^	7.				_						
GNA	• WEATHER	9		0		valve				NUTR												
STATION DESIGNATION	34YT •			1		peed				Z						_						
NOL	• CLOUD (AMT)	+		a	9	Jairt	0			SAL												
STAI	GAS GNIM	3 1		Shallans	Rho	Cleaned air bleed valve	MAX DEPTH =			S												
	WIND	77	RKS	2		ā	Z DE															
	* VISIBILITY	Q	REMARKS	J.	Į		×			MP								•				
	• SEA STATE  VIUIBIEILY	1	-		_	_;	$\dashv$			SEC TEMP												
	PRESSURE			leade	15					SE												
		~		File Name/Header	CASTOR			맖											<u> </u>			
	WET BULB	3	ATIO	ie Ne	A.			N 62														
		+	DATA LOCATION	₩	O.	0	e.	WETStar S/N 623P	2	EMP												
	DRY BULB	7	ATA	e O				VETS	JES	PRI TEMP												
a.		0		Tape/Diskette ID					CTD CONVERTED MONITOR VALUES													
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	(C3)	- O	,						TED	SEC SAL												
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	DATE	-0	9	:	•	:		PAR S/N 4603	S	1	7											
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and L eg 3	, OUTIC	ō	F	<u> </u>	လ	4	A			PRI SAL				•								
PROJECT and LEG RB-01-03, leg 3	LONGITUDE	0		;	:	:	-			<u>α</u>			,						-			
PROJ 1B-01			g .								_								ļ <u>.</u>			
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N N	DE N	ر ا ا		88	3P2786		g	0		PRESSURE	,											
BRO	LATITUDE	و آ	209	53586	3P2	969	2489	2490	,	H	***											
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VESSEL NOAA Ship RON BROWN	CONSC CAST #	50	SBE 9PLUS	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	POS		-	2	ဗ	4	5	9	7	8	6	10	7	12
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PGBBOF 92

VESSEL NOAA Ship RON BROWN		PROJE RB-01-(	PROJECT and LEG RB-01-03, leg 3		DSDB I.D.					S	ATION	STATION DESIGNATION	TION	
LATITUDE	LONG	ONG	, , , CONGITUDE	다. 보	TIME (GMT)	DRY BULB	WET	SEA STATE	VISIBILITY	WIND W	SPD (AMT)	TYPE MEATHER TT	ВОТТОМ	STATION
DEG N N C O	DEG \ C	土	MIN DA	> -	HR MIN				· 9	1 Ged	(m/s) .	و ٠	(m)	<i>ত</i> त
SBE 9PLUS 209			TIMES	t		DATA LOCATION	ATION		REMARKS	RKS		,		
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	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		START DOWN	:		3	CASTODA.	Cs.	<u> </u>					
SEC TEMP SN 696			АТ ОЕРТН	•		1				Clea	ned air bl	Cleaned air bleed valve		
PRI COND SN 2489		, ,	AT SURFACE	.					Σ	MAX DEPTH =	Ξ.		_	ε
7	• • • • • • • • • • • • • • • • • • •	•	Ь	PAR S/N 4603	, j	WETStar S/N 623P	N 623P							
		,	O	CTD CONVERTED MONITOR VALUES	NITOR VAI	LUES								
DEPTH PRESSURE PRI SAL	, , A.	PRI	SAL	SEC SAL		PRI TEMP		SEC	SEC TEMP	_	SAL	NUTR	CH	15 <sub>N</sub>
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PG33 OF 72

	STATION	80			_					N <sub>S1</sub>												
NC	BOTTOM S DEPTH N	651					Ε			CHL												
NATIC	* WEATHER 5 Q	) C				alve				뜨				٠					_			
ESIG	• TYPE	[ <sup>4</sup> ]				ed v				NUTR												
ONO	• CLOUD (AMT)	00		;		air bk				اب												
STATION DESIGNATION	GAS GNIW	5				Cleaned air bleed valve	PTH =			SAL	30											
	WIND	S 3	REMARKS			Ö	MAX DEPTH =						*									
	• VISIBILITY	٥	ZEM/		Į	<u></u> !	2			SEC TEMP												
	* SEA STATE	1		ē.						EC T												
	Эногельне Е			/Head	6					S							,					
	WET BULB DEG C	4.3	CATION	File Name/Header	C887033			3/N 623P														
	DRY BULB	3	DATA LOCATION	D ei				WETStar S/N 623P	UES	PRI TEMP	1 - N		į	ч		;		1				,
DSDB I.D.	TIME (GMT)	1 10		Tape/Diskette ID		-			CTD CONVERTED MONITOR VALUES									~				
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	DATE	к о м	•	_	NO.	Ξ	ACE	AR S	D OT	4												
U		<u>&gt;</u>	ES	DATA ON	START DOWN	AT DEPTH	AT SURFACE	H		,	1	•										
d LE	, JUDE		TIMES	PA	ST	¥ □	Α			PRI SAL								•				
CT ar 33, lec	LONGITUDE	3								H						İ						
PROJECT and LEG RB-01-03, leg 3		169																_				
<u> </u>		İΖ						8		삝			٠									
VESSEL NOAA Ship RON BROWN	LATITUDE	18	209	53586	3P2786	969	2489	2490		PRESSURE										:		
HON E	LA DEG	70 70 7							TRIP	DEPTH	1500	1000	750	500	250	100	45	09	30	000	01	0
VESSEL NOAA Ship	CONSC CAST #	60	SBE 9PLUS	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	POS TF	B	R	2 10	3	Z 2	5	)\ 9	_	8	6	<del>  _</del>	11	
NO KE	6.0	O	SB	A.	PR	SE	PA	SE	٦			,,	.,,	,								

PG 34 OF 92

PROJECT and LEG   DSDB ID			0	;	- ;																		
Companies   Comp		ion E/ID	ल								Z <sub>S</sub>												
Companies   Comp		STAT									•												
December   December								Ε						·									
December   December		MOT 4	38								H					53							
Compared to the compared to	NO!	SOT DEF																_					
Converted monitors and second monitors   Converted monitors	NA		d				alve				H												
Converted monitors and second monitors   Converted monitors	ESIG		1,4				ed v				N												
Converted monitors and second monitors   Converted monitors	O N		+				ir ble																
Converted monitors and second monitors   Converted monitors	ATIC	ON O S	N i				eda	ᄪ			SAL	3				2.							
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PG 3550F 92

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PG36 OF 92

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PG34 OF 92

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PG 38 OF 92

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PG39 OF 92

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PG 41 OF 92

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Signature   Dec   MIN   Dec   MIN   Dec   Comb	U #		ATITUDE	LONGITUDE	) =Or	TIME (GMT)	-			VISIBILITY			34YT	ВОТТОМ	STATIC NAME/	N OF
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PRESSURE         PRI SAL         SEC SAL         PRI TEMP         SEC TEMP         SAL         NUTR         CHL           1	POS	TRIP	,	C	TD CONVERTED MO	NITOR VAL	.UES			:					_	
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PG 43.0F 92

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