Alt. Station BONGOL (e.g. CTD015 or MOC004) Ε Gear abbreviations please see FOCI Field Manual for Gear abbreviations Total 8 36 20 Samples Collected $\int_{\mathbb{C}^1} \mathcal{M}$ circle all samples collected PLUS fill in ProjectCode(s) (in the box) and NumberSampled (on the line when applicable) circle all samples collected PLUS fill in ProjectCode(s) (in the box) and NumberSampled (on the line when applicable) Tow Time fish removed Y / Tow Time at depth mess. net 1 at depth mess. net 1 TSG XBT mess. net 2 fish removed Shrink mess. net 0 VideoNet haul in **RCountL** F Total 320 MZ **Bottom Depth** for 53 100 Ż Database scientist S.S. please see FOCI Field Man MLong. Total 1882 final rev. 52542 Flowmeter meter # 3 / 0 7 final rev. <u>4503</u> intial rev. <u>7375</u> Flowmeter meter # 8990 **O** (e.g. HJ45 or FOX058) RCountE RCountJ QTowF QTowS RCountE | QTowF| QTows ScanMar Shrink Strip Pred SSF **RCountJ** Recovery **RCountL** 2 Chlor Total 2300 intial rev. 89 Depth FOCI Station Cruise Operations Data Entered SS W Error Checked Samples Collected **GM-Time** DLong E Merist Merist Pred L-Musc -0 -0 Lugols Ż Ovary PAR PhytoF POC L-Gut L-Hist NetFluor E E Ε Ε Ε Ε Ε Ε Wire Out Out 333 Depth Depth 07 105 Wire O JEO CT. GMT-Date 5-MAY Station M4-Cuttr Hauf š ŽΖ min. max. min. mIn. тах. max. L-0to-1 L-Bioch -049 -049 J-Wght L-Bioch L-Genet L-Gut L-Hist Live L-Musc J-Length J-0to J-Wght L-Genet Mesh Mesh J-Length MLat 50.793 ž plnksurv plnksurv gear other (explain) other (explain) juvsurv adult juvsurv adult gear Chlor Purpose BONOO Purpose 9 ChLAM Chlor CTD Discard EBKG EK500 J-Genet J-Gut Discard J-Gut Deploy Fluor Brain CAT J-Genet grid gridpost diel drift phys grid gridpost diel Net gridpre gridpre Net (e.g. 4MF99) Depth MF02 Ξ = E drift phys Haul Comments 20 BON Ships Cruise BACK FOCI Cruise (each bottle should have its own record) **CTDB Bottle** samples collected Sample info Performance please record all Performance lost (explain if not good) lost (explain if not good) good quest fail quest fail poob Absorb A-Genet A-Length Asound A-Wght A-Wght | ADCP A-Gut A-Oto Brain CAT A-Oto A-Genet A-Gut A-Length Gear Gear

A-Genet A-Gut A-Length A-Oto A-Wght	Gear Performance good quest fail lost (explain if not good) g	A-Genet A-Gut A-Length A-Oto A-Wght	Gear Performance good quest fail lost (explain if not good)	A-Genet A-Coto A-Wight	Gear 6080	A-Genet A-Gut A-Length A-Length A-Wght	Performance good quest fail lost (explain if not good)
Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv gridpost adult diel gear drift other phys (explain)	ain ain ain	Net 2 Purpose gridpre plnksurv	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)
J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh 53 um Depth min m max m min m max m	J-Length L-Gut J-Oto L-Hist J-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh um Depth min m max m min m max m	Wire Out	Mesh 333 um Depth min	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh um Depth m max m min m max m
QTowF QTowS Pred Pred ACountE		QTowF QTowS Pred ACountE	Flowmeter meter # final rev intial rev	final rev. 78080 intial rev. 75936 Total 2144 OTowF QTowS Pred RCountL	please see FOCI Field Flowmeter # 4269	QTowF QTowS Pred Pred RCountE	
fish removed Y/N RCountL Shrink sample	Flowmeter # 48538 intial rev. 38538 Total 1858	fish removed Y/N RCountL Shrink Sample sample	Manual for Gear abbreviations Tow Time Total	at depth haul in mess. net 1 Total fish removed Y/N RCountL Shrink sample sample	Manual for Gear abbreviations Tow Time mess. net 0	fish removed Y/N RCountL Shrink sample sample	Flowmeter meter # final rev initial rev final rev

FOCI Cruise	(e.g. 4MF99)	Station <u>णिप रुज्य</u> ासबय।	M-Soft	Haul	<u>.</u>	FOCI Station		(e.g. HJ45 or FOX058)	Alt. Station BONDOS (e.g. CTD015 or MOCOOM)	ition (9.9)	SONO.	MOC004)
Ships Cruise MFO3~ (e.g. MF99-08)	1FO3-05	GMT-D	GMT-Date 5. May-02.	20-May-99)		GM-Time	3351		Bottom Depth		0	E
DFC	N F3	MLat 39	ક.કમક	ا ا		DLong	169	MLong	ng 0/.	303	%	
Haul Comments_			CTY	760								
Gear (OBON	Net		Mesh	دد ۱	53	mn	please se	please see FOCI Field Manual for	t Manual f	or Gear	Gear abbreviations	ations
Performance good quest fail	Purpose gridpre plr grid juv gridpost ad	pse plnksurv juvsurv adult		min.	Depth	E E	Flow meter # final rev.	Flowmeter ter # 8990		Tow Till mess. net 0 at depth haul in	Tow Time . net 0 depth ≈⊇: naul in	<i>σ</i> ₆
lost (explain if not good)		gear other (explain)		min.	e Ont	EΕ	intial rev.	rev. 52542. Total 14-11	. 1	mess. net	et 1	क्
circle all samples colle		cted PLUS fill in		Samples ProjectCode(s) (in	les C (in the	Collected the box) and	d d Number	Collected the box) and NumberSampled (on the line when applicable)	n the line	when ap	plicable	, (c)
Absorb	Chlam		J-Length			Lugols		Q TowF		fish removed	ved Y / N	>
AGGGG	Chlor	_ _	J-Oto			Merist M7		QTows		TSG	TSG T	
A-Gut	Deploy		L-Bioch		Ž	NetFluor	<u> </u>	RCountJ [None X	X PE	
A-Cro	Discard		L-Genet			L Nove Over		RCountL Recovery	_ _	sam	eldi polc	
Asound	EK500	ורוו	L-Hist			PAR	 	ScanMar		sam	Dele	
A-Wght Brain	Fluor	-	Live 1 -Musc			PhytoF		Shrink		sam	ple	
CAT	J-Gut		L-Oto			Pred		Strip	ı —	sam	pie	
	Depth	Chlor	Nut	MZ	other	other	Depth	Chlor	Nut	MZ	other	other
Sample info	m w	volume	bottle #	××	××	××	€ €	volume	bottle # bottle #	××	××	××
samples collected	E E	volume volume	bottle #	* ×	× ×	> >c	8 8	volume	Lottle # bottle #	××	××	××
(each boule should have its own record)	W.	volume	bottle #		×	×	Ξ	volume	bottle #	×	×	×
	ш	volume	bottle #	úč	×	×	E	volume	bottle #	×	×	×
Gear 20 Bon	Net		Mesh	h 153	તુ	E	please se	see FOCI Field Manual	i Manual fe	for Gear a	Gear abbreviations	ations
Performance good	Purpose gridpre pln	se plnksurv		l !	Depth	٤	Flc meter	Flowmeter meter # 3시 0국	E	Tow mess. net	Tow Time . net 1	
quest	grid gridpost diel	juvsurv adult gear	E 	max. Wire	Out	 E	final rev.	final rev. <u>기능공기</u> 는 ntial rev. 기둥이공의		at depth haul in	F := %	
lost (explain if not good)		other (explain)	<u> </u>	min.		E E	<u></u>	Total 1344		Total		
circle all samples colle	les collected	cted PLUS fill in		Samples Code(s) (in	les C (in the	Samples Collected ProjectCode(s) (in the box) and	d d Number	NumberSampled (on the line when applicable)	n the line	<i>when ар</i>	plicable	(6
A-Genet	Brain	A	J-Length	Ē		L-Gut	Д	QTowF	L I	fish removed	N/X pa	_
A-Gut	CAT		J-Oto			L-Hist		QTows Pred		RCountL Shrink	[₹] ₹ □□	
A-Length A-Oto	Discard Discard Discard		J-Wgnt L-Bioch]	L-Oto L-Oto		RCountE	 - -	sam		
A-Wght	J-Gut	-	L-Genet	at a		Merist		RCountJ [sam	aldı	

A-Genet A-Gut A-Length A-Length A-Oto A-Wght	Gear DO.BON Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Gear Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Gut A-Length A-Length A-Oto A-Wght	Gear LOOBON Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Performance good quest fail lost (explain if not good)
Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Net Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)
J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh \53 Depth min m max m max m max m	J-Length L-Gut J-Oto L-Hist J-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh Depth min m max m max m max m	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh 333 min. Depth max. min. min. min. min. min. min. min. min	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bjoch L-Oto L-Genet Merist	Mesh min. Depth max. m wire Out max. m max. m
ist	Flowmeter meter #9851 final rev. 39843 intial rev. 38538	Aut OTowF IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	please see FOCI Field I Flowmeter meter # final rev. intial rev. Total	ist	m please see FOCI Field A Flowmeter meter # 4369 final rev. 38080 intial rev. 38080	ist OTowF OTowF OTowS Isc Pred Oto Pred	Flowmeter meter # final rev. intial rev
fish removed Y/N RCountL Shrink sample	Tow Time Total	fish removed Y/N RCountL Shrink sample sample	Field Manual for Gear abbreviations Tow Time	fish removed Y/N RCountL Shrink	Tow Time mess. net 0 at depth haul in mess. net 1	fish removed Y/N RCountL Shrink sample sample	Flowmeter meter # mess. net 0 at depth haul in mess. net 1 mes

FOCI Cruise	(e.g. 4MF99)	Station My Wat Haul	M4-West	Haul		FOCI Station	<u> </u>	(e.g. HJ45 or FOX058)	_ Alt. St	ation BC	Alt. Station BONOO3 (6.9, CTD015 or MOC004)
Ships Cruise (MF03-0)	1F02-05 e.g. MF99-08)	_ GMT-D	GMT-Date (o. 100 -	May-997	<u>७</u>	GM-Time	0158		Bottom Depth	pth 68	E
DLat 5	rt	MLat SE	55.489	%		DLong	691	M	MLong 19	.293	»
Haul Comments_	0 40	F.C.O									
		<u> </u>									
Gear COBON	Net		Mesh	555_ h	53	5	please see	ee FOCI Fie	FOCI Field Manual	for Gear ab	abbreviations
Performance good quest fail lost (explain if	Pur gridpre gridpost diel drift	urpose plinksurv juvsurv t adult gear other (explain)		max. St.	Depth Sico	EE EE	meter final re intial re	Flowmeter meter # 8990 final rev. 5542 intial rev. 54013		Tow Time mess. net 0 at depth at depth haul in mess. net 1	Ime
Samples Collected Sign of the line when applicable)	les collected	A PLUS fill 1	J L	Samples Code(s) (in	oles C	Collected the box) and	d d	Sampled (L L	when appl	icable)
Absorb	ChLAM		J-Length	€ □[QTowF		fish removed	× √ ×
A-Genet	Chlor		J-Oto			Merist M7	_ _	QTowS		TSG	
A-Gut	Deploy	اليار	L-Bioch	 		NetFluor	 	RCountJ		XBT	
A-Cho	Discard		L-Genet			Not on the control of	_ _	RCountL		sample	
Asound	EK500		L-Hist			PAR		ScanMar		sample	
A-wght Brain	Fluor J-Genet		Live L-Musc	Live		PhytoF L		Shrink		sample	
САТ	J-Gut		L-Oto			Pred		Strip		sample	
CTDB Bottle	Depth	Chlor	Nut	MZ	other	other	Depth	Chlor	Nut	MZ	ofher other
Sample info	E E	volume	bottle #	×	××	××	E E	volume	bottle #	××	× × ×
please record all samples collected	Ē	volume	hottle #	- 20	×	×	ε	volume	l ottle #	×	×
(each bottle should	8 3	volume	bottle #	30 X	××	×××	EE	volume	bottle #	××	× ×
nave its own record)	٤	volume		×	×	× ×		volume	bottle #	: ×	× ×
Gear 20 BON	Net		Mesh	11	53	I E	please s	see FOCI Field	Manual	for Gear ab	abbreviations
Performance	Pur	Purpose		^	Depth			Flowmeter		Tow	Time
good	gridpre grid	plnksurv juvsurv		min. max.		E E	meter #	±0/6 #		mess. net 1 at depth	
fail	gridpost diel	adult gear other		Wire min	re Out	E	final rev. intial rev.	1 1 1 1 1 1 1 1 1	<u>म्</u>	haul in mess. net 2	
(explain if not good)	phys	(explain)		max.		Ε,	ř	Total 1261	-1	Total	
circle all samp	all samples collected PLUS fill in	A PLUS fill		Samples Code(s) (in	oles C	Collected the box) and	d od Numbe	rSampled (on the line	Samples Collected ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	icable)
A-Genet	Brain		J-Length	£		L-Gut		QTowF	<i>"</i>	fish removed	×
A-Gut	CAT		J-Oto	ے ا		L-Hist		QTowS		RCountL Shrink	
A-Length	Discard		J-Wght		_	L-Musc L	_ _	Pred		Sample	
A-Oto A-Wght	J-Genet J-Gut		L-Bioch L-Genet			L-Oto L Merist		RCountJ RCountJ		sample	

A-Genet A-Gut A-Gut A-Length A-Oto A-Wght	Gear 20 PON Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Gut A-Length A-Oto A-Wght	Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Gut A-Length A-Oto A-Wght	Gear LODBON Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Length A-Wght	Performance good quest fail lost (explain if not good)
Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)
J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh \53 um Depth min. m max. m min. m max. m max. m	J-Length L-Gut J-Oto L-Hist J-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh um Depth min m max m min m max m	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh 333 um Depth min m max m min m max m	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh um Depth min m max m Wire Out min m max m
QTowF QTowS Pred ACountE	Flowmeter meter # 9851 final rev. 41044 intial rev. 39843	QTowF QTowS Pred RCountE	m please see FOCI Field Manual for Flowmeter meter # final rev intial rev	QTowF QTowS Pred RCountE RCountJ	Flowmeter meter # 4269 final rev. 80925 intial rev. 39545	QTowF QTowS Pred Pred RCountE	
fish removed Y/N RCountL Shrink sample	Total	fish removed Y/N RCountL Shrink sample sample	Tow Time	fish removed Y/N RCountL Shrink sample sample	Tow Time mess. net 0 at depth haul in mess. net 1	fish removed Y/N RCountL Shrink sample sample	Flowmeter meter # final rev initial rev final re

Ships Cruise MF02-05 (e.g. MF99-08) DLat 58	(e.g. 4MF99)	Station GMT-Da	Station M4-Nott Haul GMT-Date 6- MAY-03 (e.g. 20-May-99) Lat OY.OY °N	No (86-App	FOCI Station GM-Time	' 1 9	HJ45 or FOXK	Alt. Station Bepth MLong 43.8	04.8 04.8 04.8 04.8 04.8 04.8 04.8 04.8	TDOUS OF MOCOOD	, l§ ⊑
Haul Comments	CT 2003	15-30	9300								
Gear Cobon	Net		Mesh	333	En		please see FOCI Field Manual for	d Manual 1		Gear abbreviations	စ္က
Performance good quest fail lost (explain if not good)	Purl gridpre grid gridpost diel drift	urpose plnksurv juvsurv t adult gear other (explain)	max. max.	Depth	E E E E	Flow meter # final rev. intial rev.	Flowmeter ter # 8990		Tow Time mess. net 0 at depth ∼ haul in mess. net 1 Total (c:	Time 0 1h ~a:30 1r 1 6:05	
Samples Collected circle all samples collected PLUS fill in ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	& L3LA	A PLUS fill in	S S ProjectCc	Samples	Collected the box) and	d Number	Sampled (o	n the line	when app	licable)	1
Absorb A-Genet A-Gent	ChLAM Chlor CTD		J-Length J-Oto J-Wght		Lugols Merist MZ NetFluor		QTowF QTowS RCountE		fish removed TSG VideoNet	> } } }	
A-Length A-Oto	Discard		L-Genet L-Gut		Nut		RCountL Recovery		sample		I I I
Asound	EK500		L-Hist		PAR		ScanMar		sample		
Brain	J-Genet J-Gut		L-Musc L-Oto		Poc Pred		SSF Strip		sample	0 0	
	Depth	Chlor	Nut	MZ other	other	Depth	Chlor	Nut	o ZW	other other	
Sample info please record all samples collected (each bottle should have its own record)	E E E E E		3E 3E 3E 3E 3E		× × × × ×	E E E E E	volume volume volume volume volume	bottle # bottle # bottle # bottle # bottle #			
Gear 20Bon	Net		Mesh	153	Wn	please	see FOCI Field Manual for	d Manual f		Gear abbreviations	စ္က
Performance good	Pur gridpre	Purpose e plinksurv	min.	Depth .	£ E	FI meter	Flowmeter meter # 3\03		Tow Time mess. net 1at depth	Lime 1	
fail lost (explain if not good)	gridpost diel drift phys	adult gear other (explain)	min. max.	Wire Out		final rev. intial rev. Tota	rev. <u>국육용 6구</u> rev. <u>국국 6.3구</u> Total		haul in mess. net 2 Total	2	
circle all samp	les collecte	samples collected PLUS fill in		Samples Code(s) (in	Collected the box) and	equiny pu	Samples Collected ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	on the line	when app	licable)	
A-Genet	Brain		J-Length		L-Gut		QTowF		fish removed	× [
A-Gut A-Coto A-Wght	CAT Discard J-Genet		J-Oto J-Wght L-Bioch		L-Hist L-Musc L-Oto Merist		OTows Pred RCountE RCountJ		Shrink sample sample		1 1 1 1

A-Genet A-Gut A-Gut A-Length A-Oto A-Wght	Gear DO BON Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Gut A-Length A-Oto A-Wght	Gear Performance good quest fail lost (explain if not good)	A-Genet A-Length A-Wght	Gear (co. Bo.N. Performance	A-Genet A-Gut A-Length A-Oto A-Wght	Performance good quest fail lost (explain if not good)
Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv grid adult diel gear drift other phys (explain)	Brain CAT CAT Discard J-Genet J-Gut J-Gut	Purpose gridpre plinksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	grid juvsurv grid juvsurv gridpost adult diel gear drift other phys (explain) Brain (explain) CAT J-Genet J-Genet	P	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)
J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh 153 min. Depth m max. m max. m min. m max. m m	J-Length L-Gut J-Oto L-Hist J-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh m min m min m min m max m	J-Length L-Gut L-Oto L-Musc L-Bioch L-Oto L-Genet Merist	333 Depth	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh min m max m min m max m
ut QTowF QTowS St Pred Pred RCountJ	m please see FOCI Field N Flowmeter meter # 9851 final rev. 43854 intial rev. 41044 Total 1210	iut QTowF QTowF QTowS quit QTowS quit QTowS quit quit quit quit quit quit quit quit	### Please see FOCI Field A Flowmeter # final rev intial rev Total	fina	FOCI Field I	Sc	### Please see FOCI Field ### ################################
fish removed Y/N RCountL Shrink sample	Tow Time Total	fish removed Y/N RCountL Shrink sample	Field Manual for Gear abbreviations Tow Time	fish removed Y/N RCountL Shrink Sample Sample Sample	Manual for Gear abbreviations Tow Time	fish removed Y/N RCountL Shrink Sample sample	Flowmeter meter # final rev initial rev mess. net 1 final rev final r

FOCI Cruise		Data EnteredStation MH-5-x Haul	lered Error	Error Checked Sci	Scientist	Alt Ctation	<u> </u>
	(e.g. 4MF99)				(e.g. HJ45 or FOX058)	(e.g. CTD015 or MOCD04)	CTD015 or MOC004)
Ships Cruise MF02-O-Co-O-G-G-MF99-08)	1F02-05 8.9. MF99-08)	GMT-Date	GMT-Date (111 AN - 0.2) (e.g. 20-May-99)	GM-Time	0636 Bo	Bottom Depth	m 69
DLat 57		MLat HG.	N. HO	DLong	168 ML	MLong 28.05	%
Haul Comments_	CTDO	650	:				
Gear GO BON	Net _		Mesh 그것	mn	please see FOCI Field	Manual for	Gear abbreviations
Performance good quest fail lost (explain if not good)	Purpose gridpre pli grid jux gridpost ac diel ge drift ot	plnksurv juvsurv adult gear other (explain)	max. Commin. Wire Out	E E E E	Flowmeter meter # 8990 final rev. 58409 intial rev. 5836	# # #	Tow Time net 0 depth ਕ਼:3c naul in s. net 1
Se circle all samp	les collected	PLUS fill in F	Samples rojectCode(s) (in	s Collected n the box) and	Samples Collected Circle all samples collected PLUS fill in ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	n the line when ap	plicable)
	ChLAM		J-Length	Lugols	QTowF	fish removed	N/V ba
ADCP A-Genet	CTD	<u> </u> -	J-Oto	Merist	OTows RountE	TSG	TSG ONet
A-Gut A-Length	Deploy		L-Genet	NetFluor Nut	RCount	X Sam	XBT ample
A-Oto Asound	EBKG EK500		L-Gut	Ovany PAR	Recovery ScanMar	Salt	
A-Wght Brain	Fluor J-Genet		Live L-Musc	PhytoF Poc	Shrink Shrink SSF	San	ple Die
САТ	J-Gut		L-Oto	Pred	Strip	san	ple
CTDB Bottle Sample info please record all samples collected (each bottle should have its own record)	Depth	Chlor Nut volume bottle volume bottle volume bottle volume bottle volume bottle	Nut MZ other ottle # x x ottle # x x ottle # x x ottle # x x	other × × × × ×	Depth Chlor m volume m volume m volume m volume m volume m volume	Nut MZ bottle # x bottle # x bottle # x bottle # x bottle # x	other other
Gear 2	Net		Mesh √52	un —	please see FOCI Field Manual	for Gear	abbreviations
Performance good	Purpose gridpre pl	ose Juksurv	Depth min.	(i)	Flowmeter meter # 3\03	Tow mess. net	Time
quest fail lost (explain if not good)	gridpost diel drift phys	juvsurv adult gear other (explain)	Mire C	O	final rev. <u>50339</u> initial rev. <u>38863</u>	at deptin haul in haul in mess. net 2.	1 t2
circle all samples collected PLUS fill in	les collected		Samples ProjectCode(s) (in	s Collected n the box) and	Samples Collected ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	in the line when ap	plicable)
A-Genet	Brain		J-Length	L-Gut	OTOWF	fish removed	N/\ \
A-Gut A-Length	CAT		J-Oto	L-Hist	QTows	RCountL Shrink	# \}
A-Oto	J-Genet J-Gut		L-Bioch	L-Oto Merist	RCountE RCount RCount	sam	ole ple

A-Genet A-Gut A-Length A-Oto A-Wght	Gear AOBON Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Gear Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Gear GOBON Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Performance good quest fail lost (explain if not good)
Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT CAT Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)
J-Length L-N-L-Nght L-Nght L-N-L-Nght L-N-L-Nght L-N-L-Nght L-N-L-Nght L-N-L-Nght L-Nght Nghiệt (Nghiệt (Nghiệ	Mesh \53 Depth min max max	J-Length L J-Oto L L-Bioch L	Mesh Depth min. max. Wire Out max.	J-Length L L-Oto L L-Wght L-N L-Bioch L M	Mesh 333	J-Length L-N L-Oto L-N L-Wght L-N L-Bioch L-N N	Mesh min. Depth max. Wire Out max
L-Gut QTowF L-Hist QTowS Pred Pred RCountE RCountJ	m please see FOCI Field Flowmeter meter # 985 m final rev. #3139 intial rev. #3254	L-Gut QTowF QTowF L-Hist QTowS Pred L-Oto RCountE RCountJ	m please see FOCI Field Flowmeter m meter # m final rev intial rev	L-Gut QTowF QTowS L-Hist Pred Pred L-Oto RCountE RCountJ	m please see FOCI Field Manual for meter # 4369 m m final rev. 83899 intial rev. 83333 m	L-Gut QTowF QTowS L-Hist QTowS Pred Pred L-Oto RCountE RCountJ	m final revm m Total
fish removed Y/N RCountL Shrink Sample sample	Flowmeter meter # 9.851 final rev. #3.59 intial rev. #3.59 Total 1435 Total 1435	fish removed Y/N RCountL Shrink sample sample	Tow Time	fish removed Y/N RCcuntL Shrink sample sample	Tow Time mess. net 0 at depth haul in mess. net 1	fish removed Y/N RCountL Shrink sample sample	Flowmeter meter # final rev intial rev formula for Gear abbreviations Total Total Total formula for Gear abbreviations Tow Time mess. net 0 at depth haul in mess. net 1 formula for Gear abbreviations

FOCI Cruise	(e.g. 4MF99)	Station (M.)		Haul	F0	FOCI Station	5 1	(e.g. HJ45 or FOX058)	Alt. Sta	ation 2	Alt. Station BONOOLE (e.g. CTD015 or MOCO04)	•
Ships Cruise MF 02-05 (e.g. MF99-08)	1F 02-05	GMT-E	GMT-Date O3 - May-02	20-May-997		GM-Time	03/9		Bottom Depth	oth_1	m /	
DLat	92	MLat K	52.39	2	Ь	DLong_	491	MLong	SO gno	55.	»	
			2									1 1 1
Gear COBON	Net		Mesh	ih_33	33	un -	please see	POCI Field	Manual	for Gear	abbreviations	
Performance good quest	Purk gridpre	Purpose e plnksurv juvsurv		min. De	Depth	E E	Flow meter #			Tow Ti mess. net 0 at depth	Tow Time . net 0 depth ਕੈ:ਕੈਜ	
fall lost (explain if not good)	diel drift phys	gear other (explain)		win.	Wire Out	EΕ	intial rev	· ' 		mess. net 1		
Samples Collected Sinth Samples Collected Sinthe box) and NumberSampled (on the line when applicable)	les collected	I PLUS fill	in Project	Samples Code(s) (in	les Co	Collected the box) and	NumberS	63 2:14	n the line	when ap	plicable)	_
Absorb	ChLAM		J-Length	€		Lugols		QTowF		fish removed	N / V be/	
ADCP A-Genet	Chlor		J-Oto J-Wght	\$ <u>\$</u>	_	Merist		OTows RCountE		TSG	TSG ONet	
A-Gut	Deploy		L-Bioch		Set 	NetFluor [1	RCountJ [×		
A-Length A-Oto	Discard	Ų.	L-Genet L-Gut			Nut Ovarv		RCountL Recovery		sam	ple	
Asound	EK500		L-Hist		!	PA [ScanMar		sam		
A-Wght Brain	Fluor J-Genet		Live L-Musc	Live	<u>à</u>			Shrink SSF	 	sam	ple	
CAT	J-Gut		r-Oto		1	Pred 🗌		Strip		sam	ple	
CTDB Bottle	Depth	Chlor	Nut Bottle #	MZ	other oth	ē	Depth	Chlor	Nut	ZW ,	other other	
Sample info	8	volumo		×	× ×		E	volume	bottle #	×	× ×	
samples collected	EE	volume	hottle #	××	× ×		E E	volume	bottle #	××	× ×	
have its own record)	8 8	volume	bottle #	×	× ,		u s	volume	bottle #	× >	× >	
				-								
Gear D	Net	_	Mesh	h 15	6	# [please see	FOCI Field Manual	d Manual 1	for Gear a	abbreviations	_
Performance	Purp aridore	Purpose e pinksurv		min.	Depth	E	Flov meter #	Flowmeter ler # _3\o⊒		Tow mess. net	Time	
good quest fail	grid	juvsurv adult	E	max.		E	final rev.	l A.I	1 1	at depth haul in	ŧ ë	
lost (explain if not good)	diel drift phys	gear other (explain)	= E	Wire min.	Out	E E	intial rev	103	~ 의	mess. net 2 Total	12	
circle all samples colle		cted PLUS fill in		Samples Code(s) (in	les Co	Collected the box) and	NumberS	Samples Collected ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	n the line	when ap	plicable)	_
A-Genet				₽	_ 	L-Gut		QTowF	## 	fish removed	N/A PE	
A-Gut	CAT		J-Oto	ة ا]	L-Hist	ĺ	QTows		RCountL		
A-Length	Discard		J-Wght		3 -	L-Musc		Pred Rounte		Shrink	¥	
A-Vto	J-Ganet J-Gut		L-Genet		, 5	Merist		RCount		sam	ple	

A-Genet A-Gut A-Gut A-Length A-Oto A-Wght	Gear 2030N Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Gut A-Length A-Oto A-Wght	Gear COBON Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Gut A-Length A-Oto A-Wght	Performance good quest fail lost (explain if not good)
Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid gridpost adult diel gear drift other phys (explain)	Brain CAT CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Net Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT CAT Discard J-Genet J-Gut J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)
J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh Depth m max m max m max m	J-Length L-Gut J-Oto L-Hist J-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh um Depth min. m max. m min. m min. m min. m max. m	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh 333 um Depth min m max m max m	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh um Depth m max m wire Out m max m
QTowF QTowS Pred ACountE	Flowmeter meter # 9851 final rev. 44983 intial rev. 43639	QTowF QTowS QTowS Pred RCountE	Please see FOCI Field Manual for Flowmeter meter # final rev intial rev	QTowF QTowS Pred RCountE	Flowmeter meter # 4369 intial rev. 83899	QTowF QTowS Pred Pred RCountE	Flowmeter meter # at depth haul in mess. net 1 Total Total Total
fish removed Y/N RCountL Shrink sample sample	Total	fish removed Y/N RCountL Shrink sample sample	Total	fish removed Y/N RCountL Shrink sample sample	Tow Time mess. net 0 haul in mess. net 1	fish removed Y / N RCountL Shrink sample sample	Tow Time mess. net 0 at depth haul in mess. net 1

FOCI Cruise	(e.g. 4MF99)	Station <u>শিম- চন্দ্র</u> দাaul	M2-EAS	rHaul .	-	FOCI Station	1	(e.g. HJ45 or FOX058)	Alt. St	Alt. Station BONOOT	CTD015 or	MOC004)
Ships Cruise <u>ハドのユーの</u> (e.g. MF99-08)	17 02 - 05 e.g. MF99-08)	GMT-I	GMT-Date <u>07-MAY-03</u> (e.g. 20-May-99)	1-(MAY		GM-Time	CHHO 9		Bottom Depth		69	E
DLat	26	MLat 5(8e.38	Š		DLong	9	MLG	MLong 1	9.85 holy	y Sylvania X	. <u>~</u>
Haul Comments	NET 1	of FLo	N IMO	METER	F	Emove	63	25	John C	400	CHACAL	A Page
JOBON /	NET 2	BUC	TMAI	NTATITA	S S				55 A	11111	OF	
Gear 60 BON	Net		l <u>≩</u>	Mesh	333	mn	please	see FOCI Field Manual for Gear abbreviations	d Manual I	for Gear	abbrevia	tions
Performance good quest fail lost (explain if not good)	Purpose gridpre plr grid juv gridpost ad diel ge drift ott	ose plinksurv juvsurv adult gear other (explain)		min. — Wi	Depth (ac) Wire Out	88 88 	Flow meter # final rev. intial rev.	8999 6112 598		Tow Timess, net 0 at depth haul in mess, net 1	Ting of in	31
So Samples Collected Collected PLUS fill in ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	les collected	PLUS fill	in Projec	Samples ctCode(s) (in	ples (Collected	ed Numbe	erSampled (c	n the line	when ap	oplicable	
Absorb	ChLAM		J-Length	□ €	ĺ	Lugols		QTowF		fish removed	ved Y / N	_
ADCP	Chlor		ب	o ² :		Merist		QTows		<u> </u>	TSG	
A-Gener A-Gut	Deploy		J-wgnt L-Bioch	J-wgnt L-Bioch		M2 L NetFiuor	_	RCount RCount		Videonet		
A-Length	Discard		L-Genet	Genet		Nut		RCountL		sam	aldr	
Asound	EK500		7 3			PAR	 	ScanMar	 	Sarr		
A-Wght	Fluor		- :	Live		PhytoF		Shrink	_ _	sarr	1ple	1
CAT	J-Gener		L-Oto			P P		Strip	1	sam	aple	
1910A	Depth	Chlor	Not	MZ	other	other	Depth	Chlor	Nut	MZ	other	other
CTDB Bottle Sample info	E E	volume	bottle #	¥ ×	××	×	E E	volume	bottle # bottle #	××	××	××
please record all samples collected	Έ	volume	hoffle #	×	×	>1	٤	valume	l ottle #	×	×	×
(each bottle should	E 8	volume	bottle #	×	×	× >	E	volume	bottle #	×××	×	× >
have its own record)	EE	volume		< ×	< ×	< ×		хоште	bottle #	< ×	< ×	< ×
Gear Sobon	Net		Mesh	de de		En l	please	see FOCI Field	d Manual for		Gear abbreviations	tions
Performance	Purpose	eso			Depth		Ĺ	Flowmeter		Tow	Tow Time	
good quest	gridpre grid	plnksurv juvsurv		min. max.		E E	mete	meter # 2004	J	mess. net 1 at depth	를 를 - -	
fail lost	gridpost diel drift	adult gear other		min.	Wire Out	٤	final rev.	ev. <u>81 (259</u>	1	haul in mess. net 2	= = = = = = = = = = = = = = = = = = =	
not good)	phys	(explain)		max.		٤		Total	 →	Total	<u>a</u>	
circle all samples collected PLUS fill in	iles collected	PLUS fill		Samples stCode(s) (in	ples (s) (in th	Samples Collected ProjectCode(s) (in the box) and	d Numbe	NumberSampled (on the line when applicable)	n the line	when ap	oplicable	<u> </u>
A-Genet	Brain		J-Length	₫		L-Gut		Q TowF		sh removed	ed Y/N	
A-Gut	CAT			-oto-		L-Musc	_ _	QTowS Pred	_ _	RCountL Shrink	독 루	
A-Length A-Oto	J-Genet		L-Bioch] ਜ਼੍ਹੀ ਫ਼੍ਰੀ				RCountE		Sam	ple	
A-Wght	J-Gut		L-Genet	uet 🗌		Merist		RCountJ		san	ojdı	

A-Genet A-Gut A-Length A-Oto A-Wght	Gear 2030N Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Performance good quest fail lost (explain if not good)	Performance good quest fail lost (explain if not good) A-Genet A-Gut A-Oto A-Wght	A-Genet A-Gut A-Length A-Length A-Wght	Performance good quest fail lost (explain if not good)
Brain CAT Discard J-Genet J-Gut	Purpose gridpre plinksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain) CAT CAT Discard J-Genet J-Genet	Brain CAT Discard J-Genet J-Gut J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)
J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh \S3	J-Length L-Gut J-Oto L-Hist J-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh min m max m min m max m	Mesh 333 un Depth min m max m max m J-Length L-Gut L-Oto L-Hist L-Oto L-Musc L-Bioch L-Oto L-Genet Merist	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto Merist	Mesh Depth min m max m max m
ut OTowF OTowF OTowS OTo	Flowmeter meter # 9851 final rev. 46169 intial rev. 44983	iut	please see FOCI Field Manual for Flowmeter meter # final rev intial rev	Flowmeter meter # 4369 final rev. 86921 intial rev. 85319 Total 1602 OTowF OTowF Pred RCountI	at QTowF QTowF QTowS QTo	Flowmeter meter # intial rev intial rev
fish removed Y/N RCountl. Shrink sample sample	Flowmeter meter # 9.851 final rev. 46169 intial rev. 44983 Total 1186 Total 1186	fish removed Y/N RCountL Shrink sample sample	Total	Tow Time mess. net 0 at depth haul in mess. net 1 Total fish removed Y/N RCountL Shrink sample sample	fish removed Y/N RCountL Shrink sample sample	Flowmeter meter # mess. net 0 at depth haul in mess. net 1 m

		Data	Data Entered	u :	Error Checked	cked	Scientist			:		
	(e.g. 4MF99)	Station	Station <u>Warner</u> nau	ָ באמוי באמוי	-	roci station	ı	(e.g. HJ45 or FOX058)	- AIT. ST	AIT. STATION BONDOR	CTD015 or 1	MOC004)
Ships Cruise MFO3-C	(E.g. MF99-08)	GMT-Date)ate <u>0 국</u>	(e.g. 20-May-99)	Q	GM-Time	ne_Ou3		Bottom Depth		89	E
DLat	23	MLat	60.	Z		DLong	101 6	:	(€\ BuoTM	90	»	
Haul Comments_	07790	34										
Gear COBON	Net		Mesh		333	en	please	see FOCI Field	Manual	for Gear	Gear abbreviations	tions
Performance good	Pur gridpre	Purpose e plnksurv			Depth	E :	Flow meter #	Flowmeter er # 899.0		Tow T mess. net 0	<u>≒</u>	
quest fail lost	gridpost diel	juvsurv adult gear other		max. min. Mi	Wire Out	E E	final rev. intial rev.	ev. 62505 ev. 61120		at depth haul in mess. net 1	## ## ## ## ## ## ## ## ## ## ## ## ##	
not good)	phys	(explain)		max.	8 H	٤	ř	Total 1385	<u>М</u>	Total	1 9 1	0
uo	iles collected		in Projeci	Samples tCode(s) (in	ples C s) (in th	Collected the box) and	ed Ind Number	Samples Collected PLUS fill in ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	on the line	when ap	oplicable	6
Sq Absorb	ChLAM		J-Length	<u>₹</u>		Lugols		QTowF		fish removed	ved Y/N	_
ADCP	Chlor		J-Oto	<u>۽</u> ۾		Merist		QTows		TSG	18G	
A-Gut	Deploy		L-Bioch	[€		NetFluor		RCounty		×		
A-Length	Discard		L-Genet	 		Nut		RCountL L		Sam	ımple	
A-Oto Asound	EBKG EK500		L-Gut L-Hist			Ovary PAR		Hecovery ScanMar		Sam	upte	
A-Wght	Fluor		<u></u>] [PhytoF		Shrink		sam	ple.	
Brain CAT	J-Genet J-Gut		L-Musc L-Oto	<u>8</u> 8 €		POC Pred		SSF Strip		San	pple]
-	Depth	Chlor	Nut	MZ	other	other	Depth	Ü	Nut	MZ	other	other
CTDB Bottle Sample info	ε	volume	bottle #	34.	×	× :	E 8	volume	# elitod	×	×	× :
please record all	ΕΕ	volume		¥ 1	××	××	E E	volume	i ottle #	×	××	××
(each bottle should	ا ع	volume	bottle #	*	×	×	E	volume	bottle #	×	×	×
have its own record)	E E	volume	bottle #	××	×	×	E E	votume	bottle #	××	×××	××
Gear JOBON	Net		Mesh	기 기	53	E E	please	see FOCI Field	Manual	for Gear	abbreviations	tions
Performance	Pur	Purpose			Depth		II.	Flowmeter		'	Tow Time	
good	gridpre grid	plnksun juvsurv		min. max.		E E	meter #	r# 3103		mess. net 1 at depth	i é	
fail	gridpost diel	adult gear			Wire Out		final rev.	final rev. 83021		haul in mess. net 2	= 15 to 15 t	
(explain if not good)	drift phys	other (explain)	- =	min. max.		E E	ř i	Total 360		Total	<u>_</u>	
circle all samples collected PLUS fill in	les collected	1 PLUS fill	in Projeci	Samples tCode(s) (in	ples C s) (in th	Collected	ed and Number	Samples Collected ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	on the line	when ap	oplicable	<u>~</u>
A-Genet	Brain		J-Length	ŧ ∏		L-Gut		QTowF	# 	fish removed	ed Y/N	
A-Gut	CAT		J-Oto	: غ :		L-Hist		QTows		RCountl. Shrink	# # # #	1
A-Length A-Oto	Discard J-Genet		J-Wght L-Bioch	۽ آل		L-Musc L		Pred RCountE	*	Sam	mple	
A-Wght	J-Gut		L-Genet	je je		Merist		RCount		sam	aldı	

A-Genet A-Gut A-Length A-Oto A-Wght	Gear 2030 N Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Performance good quest fail lost (explain if not good)	A-Genet A-Length A-Wght	Gear CO DON Performance good quest fail	A-Genet A-Gut A-Length A-Oto A-Wght	Performance good quest fail lost (explain if not good)
Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	diel gear drift other phys (explain) Brain (explain) CAT Discard J-Genet J-Gut	Net Purpose gridpre ptnksurv grid juvsurv grid juvsurv	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)
J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh \53 I	J-Length L-Gut J-Oto L-Hist J-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh Depth min m max m max m	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh 333	J-Length L-Gut L-Oto L-Musc L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh Depth max. m max. m max. m m max. m m max. m m max. m m m m m m m m m
aTowF QTowS Pred Pred RCountJ	# Please see FOCI Field Manual for Flowmeter # 9851 final rev. 44143 intial rev. 46169	ut QTowF QTowF QTowS St QTowS Pred Pred RCountE RCountJ	please see FOCI Field Manual for Flowmeter meter # final rev intial rev	intial rev.	## please see FOCI Field Mineter # 4369	ut QTowF QTowF St Pred Pred RCountJ RCountJ	Flowmeter meter # final rev intial rev
fish removed Y/N RCountL Shrink sample sample	Tow Time	fish removed Y/N RCountL Shrink sample sample	nual for Gear abbreviations Tow Time Total	fish removed Y/N ACOUNTL Shrink sample sample	Tow Time mess. net 0 at depth	fish removed Y/N RCountL Shrink Sample	Flowmeter meter # final rev initial rev final rev.

FOCI Cruise		Dati Station	Cation Court		Error Checked	ecked Sci	Scientist		10	(-	Ó
	(e.g. 4MF99)			3			ı	(e.g. HJ45 or FOX058)	- Alt. Ok	(e.g. CTD015 or MOC004)	CTD015 or N	10C004)
Ships Cruise M	(e.g. MF99-08)	- GMT-	GMT-Date	(e.g. 20-May-89)		GM-Time	09/1		Bottom Depth	'	# [E
DLat	56	MLat 🕃	Ga. PC	S.		DLong	591-	M	MLong 5	3.11	%	
Haul Comments_	CIDE	338										
Gear 60BON	Net	-	Mesh		333	#5 	please see	see FOCI Field	Manual	for Gear a	abbreviations	tions
Performance good quest fail lost (explain if not good)	Purp gridpre grid gridpost diel drift	Purpose e plnksurv juvsurv st adult gear other (explain)		min. — W max. — wax. —	Depth Wire Out	E	Flow meter # final rev. intial rev.	Flowmeter er # 8990 rev. 64639 rev. 62505		Tow Ti mess. net 0 at depth haul in mess. net 1	Tow Time net 0 depth 3:14 naul in s. net 1 Total	4 4
circle all samp	samples collected		☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	Sam tCode(Samples (Collected	d bd Numbe	Samples Collected PLUS fill in ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)		when ap	plicable] ੍
Absorb	ChLAM		J-Length	= = = = = = = = = = = = = = = = = = =		Lugols		QTowF		fish removed	ved Y / N	
A-Ganet	Chlor		J-Oto] [\$0 \$		Merist L	<u> </u>	QTowS	_	TSG	TSG	
A-Gut	Deploy		L-Bioch]		NetFluor	 	RCount		X		- [
A-Length	Discard		L-Genet	Genet		New Section 1		RCountL		Sam	ple	
Asound	EK500		L-Hist			PAR		ScanMar	 	sam	l la	ĺΙ
A-wght Brain	Fluor J-Genet		Live L-Musc	Live		PhytoF Poc	4	Shrink	_ _	Sam	pie pie	
CAT	J-Gut					Pred		Strip	חו	sam	eld	
CTDB Bottle	Depth	Chlor	Nut	MZ	other	other	Depth	Chlor	Nut	MZ	other of	other
Sample info	E E	volume		× ×	×	×	E	volume	bottle #	< ×	< ×	< ×
samples collected	E E	volume	bottle #	- ×	××	××	E E	volume	bottle #	××	××	××
(each bottle should have its own record)	ш	volume	bottle #	×	×	×	€	volume	bottle #	×	×	×
	٤	volume	bottle #	×	×	×	ш	volume	bottle #	×	×	×
Gear JOBON	Net		Mesh	ا پر	153	Ę	please s	see FOCI Field	d Manual for	Gear	abbreviations	ions
Performance	Purpose	ose		1	Depth	;	Flov	Flowmeter		Tow	Tow Time	
good quest	gridpost aridpost	prinksurv juvsurv adult		max.		= ∃	final rev.	8455		at depth] 	
lost (explain if not good)	diel drift phys	gear other (explain)		min	Wire Out	E E	intial rev.	rev. 83021 Total [53]	121	mess. net 2) yt 2	
circle all samples collected PLUS fill in	les collected	I PLUS fill	in Projec	Samples tCode(s) (in	ples (Samples Collected ProjectCode(s) (in the box) and	d Numbe	NumberSampled (on the line when applicable)	n the line	when ap	plicable,	
A-Genet	Brain		J-Length			L-Gut		QTowF		fish removed	N/Y be	
A-Gut	CAT		O-1	Job H		L-Hist		QTows		RCountl. Shrink	를 높 	1
A-Cengtin A-Cengtin A-World	J-Genet		L-Bioch			L-Oto Merist		RCountE RCountJ	 	sam	ple slot	
A-wyııı I	5		1] <u>5</u>			-		-			

A-Genet A-Gut A-Length A-Oto A-Wght	Gear 2010N Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Voto A-Wght	Gear Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Gear GORON Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Gear Performance good quest fail lost (explain if not good)
Brain CAT Discard J-Genet J-Gut	Purpose gridpre plinksurv grid juvsurv grid adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plinksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)
J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh \53 um Depth min m max m max m	J-Length L-Gut J-Oto L-Hist J-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh um Depth m max m min m max m max m	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh 333 um Depth min m max m min m max m	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh um Depth min m max m max m max m
QTowF QTowS Pred Pred RCountE	Flowmeter meter # 9851 Tow Time intial rev. 49278 intial rev. 49143	QTowF QTowS Pred Pred RCountE	Flowmeter meter # final rev intial rev	QTowF QTowS Pred RCountE	Flowmeter meter # 43.69 final rev. 99136 intial rev. 88305	QTowF QTowS Pred Pred RCountE	Flowmeter meter # final rev initial rev final rev
fish removed Y/N RCountL Shrink sample sample	Total	fish removed Y/N RCountL Shrink Sample Sample	Tow Time	fish removed Y/N RCountL Shrink sample sample	Tow Time mess. net 0 at depth haul in mess. net 1	fish removed Y/N RCountL Shrink Sample Sample	Tow Time mess. net 0 at depth haul in mess. net 1

FOCI Cruise	(e.g. 4MF99)	Station M2-W	M2-M	Haul	_	FOCI Station		(e.g. HJ45 or FOX058)	Alt. St	Alt. Station ON 010	201 010 (6.9. CTD015 or MOC004)	or MOC004	_
Ships Cruise MC02	MF(02-05)	GMT-Date	Date 11	7 - Mati	Co	GM-Time	e1120		Bottom Depth		73	E	
DLat	010	MLat H	45.34	Ž.		DLong	H91 6	MLong	1 i	46.0C	»_		1
													1 1
Gear 60 PDN	Net		Mesh	8	33	# 		please see FOCI Field Manual for Gear abbreviations	d Manual	for Gear	abbrevi	iations	
Performance good quest fail lost (explain if not good)	gridpre gridpost gridpost diel drift phys	Purpose e plinksurv juvsurv st adult gear other (explain)		max. — Wil. — — — — — — — — — — — — — — — — — — —	Depth Wire Out	E E E E E I I I I I I I I I I I I I I I	Flow meter # final rev. intial rev.	66619 6463		Tow Ti mess. net 0 at depth haul in mess. net 1		62.	
circle all sar	nples collect	Samples Collected PLUS fill in ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	in Project	Samp tCode(s	oles C	Samples Collected	e d nd Number	Sampled (o	n the line	when a	pplicab	(e)	
Absorb	_ ChLAM		J-Length	Ę d] slogn7		QTowF		fish removed Y	/ A pan	N/	
ADCP	Chlor		J-Oto			Merist		QTows		Ë	TSG 🔲		
A-Genet	СТО	, 	J-Wght][}		MZ	_ _	RCountE	_ _	VideoNet][
A-Gut A-Length	Deploy Discard	oo Pi	L-Bioch L-Genet	₽ E		NetFluor ∐ Nut ☐		RCountU RCountL		× sar	XBT sample		
A-Oto	EBKG		L-Gut	į į		Ovary		Recovery [sar	sample		
Asound	EK500		L-Hist			PAR		ScanMar		Sar	samble		
A-Wght	Fluor] [PhytoF L	4_	Shrink	_ _	Sar	sample		
CAT	J-Gut		L-Oto			Pred C		Strip	1	sar	sample		
	Depth	Chlor	Nut	MZ	other	other	Depth	Chlor	Nut	MZ	other	other	
CTDB Bottle	Ε	volume	bottle #	×	×	×	ш	volume	bottle #	×	×	×	
please record all	E	volume	bollle #	8	×	×	Ε	volume	bottle #	×	×	×	
samples collected	E	volume	forme #	j	×	>-	٤	Volume	l ottle #	×	×	×	
(each bottle should	Ε	voiume	bottle #	×	× :	×	E	volume		ж :	×	×	
have its own record)		alumon	DOUGE #	*	×	× :	E £	volume		× >	×	× >	
	E	volume	DOINE #	×	×	×		volume	# 50000 # 50000	×	×	×	
Gear 20 BON	Net		Mesh	153 no	2	S		please see FOCI Field Manual for Gear abbreviations	i Manual i	for Gear	abbrevi	iations	
Performance	Pu	Purpose		Q	Depth	Ε	Fig.	Flowmeter		Tow mess net	Tow Time		

Gear 20 BON	Net		Mesh 53 um		please see FOCI Field Manual for Gear abbreviations
Performance good quest fail lost (explain if	Pur gridpre gridpost diel drift phys	Purpose e plnksurv juvsurv ost adult gear other (explain)	min m max m win m min m max m	Flowmeter meter # 5107 final rev. 84977 intial rev. 8453	Tow Time mess. net 1 at depth haul in mess. net 2 Total
			Samples Collected		

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circle all samples collected PLUS fill in ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	fish removed Y/N	RCountL	Shrink	sample	sample
VumberSampled (on	QTowF	QTows	Pred	BCountE	RCount
s) (in the box) and I	L-Gut	L-Hist	L-Musc	L-Oto	Merist
S fill in ProjectCode(J-Length	- ofo-	J-Wght	L-Bioch	L-Genet
ples collected PLU	Brain	CAT	Discard	J-Genet	J-Gut
circle all sam	A-Genet	A-Gut	A-Length	A-Oto	A-Wght

A-Genet A-Gut A-Length A-Oto A-Wght	Gear 26 Bob Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Gear Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Gut A-Length A-Oto A-Wght	Gear 608N Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Vight A-Wight	Performance good quest fail lost (explain if not good)
Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv gridpost adult diel gear drift other phys (explain)	Brain CAT CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)
J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh IS3 u Depth min. m max. m wire Out m max. m	J-Length L-Gut J-Oto L-Hist J-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Meshu min m max m min m max m	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh 333 u min. Depth m max. m min. m min. m max. m	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh u Depth min. m max. m Wire Out m max. m
t QTowF QTowS Pred Pred RCountE	Flowmeter meter # 985 final rev. 49278 intial rev. 49278	QTowF	please see FOCI Field Manual for Flowmeter meter # final rev intial rev	t QTowF QTowS QTowS Pred Pred RCountE RCountJ	meter # 4269 final rev. 91924 intial rev. 94134 Total 17.54	QTowF QTowS Pred Pred RCountE	### Please see FOCI Field Ma
fish removed Y/N RCountL Shrink sample	FOCI Field Manual for Gear abbreviations Tow Time	fish removed Y/N RCountL Shrink Sample Sample	nual for Gear abbreviations Tow Time Total	fish removed Y/N RCountL Shrink sample sample	Tow Time mess. net 0 at depth haul in mess. net 1	fish removed Y/N RCountL Shrink Sample sample	Flowmeter meter # final rev initial rev final rev

Alt. Station (30N 011) (e.g. CTD015 or MOC0004)	Bottom Depth コロ m	W 60.51 9		please see FOCI Field Manual for Gear abbreviations	Tow Time mess. net 0 at depth 3:37 haul in mess. net 1 Total 6:38	the line when applicable)	fish removed Y / N	TSG] x	sampte	sample	sample	sample	Nut MZ other other	bottle # x x x x bottle # x x x x	Fottle# x x x	bottle # x x x	bottle # x x x x x x bottle # x x x x x			mess. net 1	at depth haul in haul in hess. net 2		the line when applicable)	fish removed Y/N	Shrink	sample
(e.g. HJ45 or FOX058)	1306	MLong		please see FOCI Field N	Flowmeter meter # 3990 final rev. 266.15	d d NumberSampled (on t	QTowF	O Tows	RCount	RCountL Recovery	ScanMar	Shrink	Strip	Depth Chlor	m volume	m volume	m volume	m volume		please see root rield mailian for	meter # 310 7	final rev. 86473 initial rev. 84974	Total 1696	d NumberSampled (on t	QTowF	Q Tows Pred	RCount BCount
-M Haul 2 FOCI Station	e.g. 20-May-89)	N. Drong		Mesh 253 um	min m wax m Wire Out max m	Samples Collected ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	J-Length Lugols	J-Oto Merist M7	Neth	L-Genet Nut Nut L-Gut Ovary		Live PhytoF L-Musc POC	L-Oto Pred	Nut MZ other other	bottle # x x x x x bottle # x x x x x x x x x x x x x x x x x x	A X X X	× × ×	bottle # x x x x bottle # x x x	153	Mean Transfer	Deput	max m	min m	Samples Collected circle all samples collected PLUS fill in ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)		J-Oto L-Hist L-Musc L-Musc	L-Genet Merist
(6-5, 4MF99)	MF02-0S GMT-Date (e.g. MF99-08)	53 MLat 1.03		Net	Purpose gridpre plnksurv gridpost adult diel gear drift other phys (explain)	circle all samples collected PLUS fill in l	ChLAM	Chlor	Deploy	Discard EBKG	EK500	Fluor J-Genet	J-Gut	Depth Chlor	m volume boi	m volume bo	volume	m volume bo	1 214		rurpo ore		drift other phys (explain)	les collected PLUS fill in I	Brain	CAT Discard	J-Genet
FOCI Cruise	Ships Cruise	DLat	Haul Comments_	Gear 60 BON	Performance good quest fail lost (explain if not good)	circle all sampl	Absorb	A-Gapet	A-Gut	A-Length A-Oto	Asound	A-Wght Brain	САТ	:	Sample info	please record all samples collected	(each bottle should	have its own record)	20 Rain		Perrormance good	quest fail	(explain if not good)	circle all sampl	A-Genet	A-Gut A-Length	A-Oto

A-Genet A-Gut A-Length A-Oto A-Wght	Gear 20 30N Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Gear Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Gear 60 BON Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Length A-Wght	Performance good quest fail lost (explain if not good)
Brain CAT Discard J-Genet J-Gut	Net Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT CAT Iscard Iscard Genet	Net Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)
J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh IS3 Depth max.	J-Length L-Gut J-Oto L-Hist J-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh min m max m max m max m		Mesh 333 min. Depth max. mmax. min. min. mmax. mmax. mmax. mm	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh Depth min m max m min m max m
L-Gut QTowF QTowF QTowS	<u> </u>	L-Gut QTowF QTowS	m please see FOCI Flowmete meter # final rev intial rev		m please see FOCI Field In Flowmeter # 4269 final rev. 93898 intial rev. 91924	L-Gut QTowF QTowF QTowS QTowF QTowF QTowS	m m
fish removed Y/N RCountL Shrink sample sample	Flowmeter meter # 985 Tow Time final rev. 49786 Total 1698 Total	fish removed Y/N RCountL Shrink sample sample	Field Manual for Gear abbreviations Tow Time Total	fish removed Y/N RCountL Shrink sample sample	Tow Time mess. net 0 at depth haul in mess. net 1	fish removed Y/N RCountL Shrink sample	Flowmeter meter # final rev intial rev final r

ion Alt. Station BONOLS (e.g. CTD015 or MOC604) (e.g.	Carrier all samples collected PLUS fill in ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	OTowF fish removed Y / N OTowS TSG TSG NideoNet Sample Sample Sample Sample Sample Sample Sample Strip Strip Sample Sample Strip Sample Sampl	Depth Chlor Nut MZ other other other m volume bottle # x x x m volume i ottle # x x x m volume bottle # x x x m volume bottle # x x x m volume bottle # x x x	SOBON Net Net Wire Out um please see FOCI Field Manual for Gear abbreviations pormance good gridpre glood glight fail of gridpost adult for good) Purpose gridpre glight fail for gridpost adult for good) Min m m Total 3 & 3 Total 3 & 3 Total 3 & 3 Total 3 & 3 Samples collected PLUS fill in ProjectCode(s) (in the box) and NumberSampled (on the line when applicable) Sambles collected In the box) and NumberSampled (on the line when applicable)	QTows RCountL Shrink RCountE Sample RCountJ
As and A FOCI State OS-May-997 GM-Time Ges. 20-May-997	Mesh 333 um ple min. Depth max. (a3 m max. Mire Out max. 83 m max. 83 m max. 83 m	J-Length Lugols J-Wght MZ L-Bloch NetFluor L-Genet Nut Nut L-Gut Ovary L-Hist PAR Live PhytoF L-Musc Poc	Nut MZ other other bottle # x x x	Mesh \53 um ple Depth min. max. m Wire Out max. m Wax. m Samples Collected in ProjectCode(s) (in the box) and N	J-Length L-Gut L-Gut J-Oto L-Hist L-Musc L-Bioch L-Oto L-Oto L-Genet Merist
Ships Cruise (e.g. AMF99) Ships Cruise (MEOユーロち GMT-Date (e.g. MF99-08) DLat ろん Mat ちんん	Company Comp	Absorb Chlam Chlam Chlor Chlor Chlor Chlor CTD	CTDB Bottle Sample info please record all samples collected movolume movolume movolume movolume movolume movolume movolume	Performance good quest fail lost not good) Circle all samples collected PLUS fill is good)	A-Genet Brain A-Gut CAT

A-Genet A-Gut A-Length A-Length A-Wght	Gear 2030N Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Length A-Wght	Gear Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Length A-Wght	Gear (OO BON Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Length A-Wght	Gear Performance good quest fail lost (explain if not good)
Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv grid adult diel gear drift other phys (explain)
J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh (53 min. Depth min. min. min. min. min. min. min. min.	J-Length L-Gut J-Oto L-Hist J-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh min m max m min m max m	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh 333 umin. Depth max. min. mmax. mmax. mmax. mmax. mmax. mm	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh Depth min m max m max m
ut QTowF QTowS St Pred Pred RCount!	um please see FOCI Field Ma Flowmeter meter # 9851 final rev. 53195 intial rev. 51438	ut QTowF QTowF QTowS QTo	Flowmeter meter #	ut QTowF QTowS St QTowS Pred Pred RCountE	please see FOCI Field Ma Flowmeter meter # 4369 final rev. 958/84 intial rev. 93898	ut QTowF QTowF QTowS Pred Pred RCount ARCount	### Please see FOCI Field Maintail rev
fish removed Y/N RCountL Shrink sample	Flowmeter meter # 9851 Tow Time final rev. 52395 initial rev. 51438 Total 1313	fish removed Y/N RCountL Shrink sample sample	Flowmeter final rev. intial rev. Total	fish removed Y/N RCountL Shrink Sample sample	Tow Time mess. net 0 at depth haul in mess. net 1	fish removed Y/N RCountL Shrink sample sample	Tow Time mess. net 0 haul in mess. net 1

FOCI Station (e.g. HJ45 or FOX058) Alt. Station BONO13 (e.g. HJ45 or FOX058)	GM-Time 12:52 Bottom Depth 166.5 m DLong 66 MLong 5.5 · w		um niesse see FOC! Field Manual for Geer athreviations	Flowmeter mean me	Samples Collected Circle all samples collected PLUS fill in ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	Lugols QTowF GTowF fish removed Y / N Merist QTowS TSG N AZ RCountE VideoNet	AtFluor RCountJ XBT Nut RCountL sample Ovary Recovery sample		Depth Chlor Nut MZ other other of ther other m volume bottle # x x x x x x x x x x x x x x x x x x	Um please see FOCI Field Manual for Gear abbreviations	Flowmeter Tow Time mess. net 1 at depth at depth mess. net 2 mess. net 3 mess. net 4 mess. net 5 mess. net 6 mess. net 7 mess. net 7 mess. net 7 mess. net 6 mess. net 7 mess. net	Samples Collected ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	L-Gut QTowF fish removed Y/N QTowS RCountL	Pred	
Station M3- 64 Haul FOC	6.9. 20-May -02.		Mesh	Depth C. Wire Out	Samples Coll ProjectCode(s) (in the bo	J-Length Luç J-Oto Me J-Wght	L-Bioch NetFluor L-Genet Nut	L-Hist Phy Live Phy L-Oto P	Nut MZ other other bottle # x x x bottle # x x x bottle # x x x bottle # x x x	Mesh 153	Depth min m Wire Out max m min m	Samples Coll ProjectCode(s) (in the bo	J-Length		
Station M3	™		N S	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	iles collected PLUS fill in a	ChLAM Chlor	Deploy Discard EBKG	EK500 Fluor J-Genet Fluor Fluo	Depth Chlor 1	Net \	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other	lected PLUS fill in	Brain CAT	Discard	
FOCI Cruise	Ships Cruise MED2-6 (e.g. MF99-08 DLat Sl	Haul Comments_	Gear GORON	Performance good quest fail lost (explain if not good)	circle all samp	Absorb ADCP A-Genet	A-Gut A-Length A-Oto	Asound A-Wght Brain CAT	CTDB Bottle Sample info please record all samples collected (each bottle should have its own record)	Gear 20 BON	Performance good quest fail lost (explain if not good)	circle all samp	A-Genet A-Gut	A-Length	[

A-Genet A-Gut A-Gut A-Length A-Oto A-Wght	Gear JOBON Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Performance good quest fail lost (explain if not good)	Performance good quest fail lost (explain if not good) A-Genet A-Gut A-Length A-Wght	Gear 60BON	A-Genet A-Gut A-Length A-Length A-Wght	Performance good quest fail lost (explain if not good)
Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain) Brain CAT CAT J-Genet J-Genet J-Gut	Net	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)
J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh \53 Depth min. max. m	J-Length L-Gut J-Oto L-Hist J-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh min. Depth max. m max. m max. m	J-Length L-Gut L-Oto L-Musc L-Bioch L-Gue L-Genet Merist		J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh Depth min m max m min m max m
Int QTowF QTowF QTowS Ist QTowS Pred Pred RCountE RCountI	rotal 1933	aut	Please see FOCI Field Manual for Flowmeter # final rev initial rev Total	Flowmeter meter # 4349 final rev. 9770 S intial rev. 95384 Total 3321 Total 3321 Total A321 Fred Pred Sto RCountLE ist RCountJ	um please see FOCI Field Manual	SC Pred Pred RCountJ	Flowmeter meter # final rev intial rev
fish removed Y/N RCountL Shrink sample	Flowmeter meter # 9.851 final rev. 547 18 intial rev. 52795 Total 19.83 Total 19.83	fish removed Y/N RCountL Shrink sample sample	Tow Time	mess. net 0 at depth haul in mess. net 1 Total fish removed Y/N RCountL Shrink sample sample	for G	fish removed Y/N RCountL Shrink sample sample	Flowmeter meter # final rev initial rev final rev

FOCI Cruise	(e.g. 4MF99)	Station ∰3-\\range Maul	13-North	Haul	_	FOCI Station	ation	(e.g. HJ45	(e.g. HJ45 or FOX058)	_ Alt. Si	Alt. Station BONO! 4	30NOI	4 or MOC004)
Ships Cruise	MFD2-05 (e.g. MF99-08)	GMT-D	<u></u>	38-MAY- (e.g. 20-May-99)	CI	GM-Time	5 :	70.	8	Bottom Depth	pth	6.9	E
DLat	9	MLat 13	. 52 2	% ol		DLong	_ <u>_</u>	و	ML	MLong 2	4	%	
Haul Comments													
Gear 6080N	Net		Mesh	3	33		please	se see l	FOCI Fiel	see FOCI Field Manual	for Gear	abbreviations	iations
Performance good quest fail lost (explain if	Purpose gridpre plu grid grid grid ge drift ot phys (ext	ose plinksurv juvsurv adult gear other (explain)			Depth /ire Out	EE EE		Flown meter # final rev. Tintial rev. Total	Flowmeter 8990 rev. 7676 rev. 74269 rev. 74269		at at	Tow Time 3. net 0 depth 3:47 haul in S. net 1 Total (;20	## Q
circle all sam	Samples Collected Sill in ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	PLUS fill i	n Project	Samples tCode(s) (in	oles C) (in th	Collected the box) and	ed nd Nui	nberSa	mpled (c	on the line	when a	ıpplicabı	(9)
Absorb ADCP	ChLAM		J-Length J-Oto			Lugols			QTowF		fish removed TSG	noved Y /	2
A-Genet A-Gut	CTD CTD Deploy		J-Wght L-Bioch		Z	MZ	\dashv \sqcap Γ	I	RCountE RCountJ		VideoNet	⇒ Net XBT	
A-Length A-Oto	Discard		L-Genet L-Gut			Nut	\dashv	<u>~</u>	RCountL Recovery		sa	sample sample	
Asound A-Wght	EK500		L-Hist Live	Hist Live		PAR PhytoF	$\neg \vdash \mid$	ω I	ScanMar ScanMar		S	mple mple	
Brain CAT	J-Genet J-Gut		L-Musc L-Oto	-Musc		Poc		+ 1	SSF		s s	mple mple	
CTDB Bottle	Depth	Chlor	Nut Podfle #	MZ	other	other		Depth	Chlor	Nut Profit # 0	MZ	other	other
Sample info		volume	bottle #	* *	× × ×	× × ×		E E	volume	bottle #	< × ×	××	×
(each bottle should	٤ ٤	volume	bottle #	××	××	××		E E	volume	bottle #	××	××	×
nave as own record,	E .	+	bottle #	×	×	×		E .	volume	bottle #	×	×	×
Gear 2080N	Net		Mesh	3h 15	2	E I	please	see	FOCI Field	d Manual	for Gear	abbreviations	ations
Performance	Purpose	ose			Depth			Flowmeter	meter 3 I O ⊒		Tow	w Time	
good quest fail	gridpost	purksurv juvsurv adult	- E	max.		====== E	= <u>;</u> <u></u>	final rev.	final rev. 9245	.	at depth haul in	tage of the state	
lost (explain if not good)	drift phys	geal other (explain)		min		E E	=		Total 236	14	Total	is is (
circle all sam	circle all samples collected PLUS fill in	PLUS fill ii	n Projeci	Samples (Code(s) (in	les C (in th	Collected the box) and	e d	nberSa	o) pəldu	Samples Collected ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	when a	ıpplicabı	(e)
A-Genet	Brain		J-Length			L-Gut	\dashv	1	QTowF		fish removed	ved Y/!	>
A-Gut	CAT		J-Oto	<u>۽</u> ۾		L-Hist	\dashv_{\vdash}	1	QTows		RCountl. Shrink	Sountl. Shrink	
A-Cengun A-Oto	J-Genet J-Gut		L-Bioch			L-Oto Merist	$\left - \right - \left - \right $	_ <u>~</u>	RCount RCount		sa sa	mple mple	

A-Genet A-Gut A-Length A-Oto A-Wght	Gear ZOBON Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Performance good quest fail lost (explain if not good)	Performance good quest fail lost (explain if not good) A-Genet A-Genet A-Oto A-Wght	A-Genet A-Gut A-Gut A-Length A-Oto A-Wght	Performance good quest fail lost (explain if not good)
Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Purpose gridpre plinksurv grid juvsurv gridpost adult diel gear drift other phys (explain) CAT Discard J-Genet	Brain CAT Discard J-Genet J-Gut	Purpose gridpre pinksurv grid juvsurv gridpost adult diel gear drift other phys (explain)
J-Length L-Gut L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh 153 um Depth min m max m min m max m	J-Length L-Gut L-Hist L-Musc L-Bioch L-Oto L-Oto L-Genet Merist	Mesh um Depth m max m min m min m max m	Mesh 333 um Depth min. m max. m max. m max. m L-Oto	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh um Depth min m max m min m max m
QTowF QTowS Pred Pred RCountE	Flowmeter meter # 985 final rev. 56983 intial rev. 54718 Total 3265 Total	QTowF QTowS Pred Pred RCountE	Flowmeter meter # final rev intial rev	Flowmeter meter # 4369 final rev. 100212 intial rev. 97305 Total 2504 Pred Pred RCountE RCountI	QTowF QTowS Pred Pred RCountE	Flowmeter meter # final rev intial rev
fish removed Y/N RCountL Shrink Sample sample	Tow Time	fish removed Y/N RCountL Shrink sample sample	Tow Time	Tow Time Tow Time mess. net 0 at depth haul in mess. net 1 Total fish removed Y/N RCountL Shrink sample sample	fish removed Y/N RCountL Shrink sample	Tow Time mess. net 0 at depth haul in mess. net 1 Total

FOCI Cruise		Station M	M3	Haul		FOCI Station	<u>.</u>		Alt. Station		Bonos	
Ships Cruise	MF02-05	GMT-Date	Date 09	09-May	60	GM-Time	<u></u>	(e.g. HJ45 or FOX058)	⁵⁵⁸⁾ Bottom Depth		(e.g. CTD015 or MOC004)	r MOC004)
DLat	(e.g. mrss-us)	MLat	667	No -		DLong	99	M	MLong	6.61	% 	
Haul Comments	S											
										:		
Gear 60 BGN	Net		Mesh _	sh 333	22	E S	please s	see FOCI Field	Manual	for Gear	abbreviations	ations
Performance good quest fail lost (explain if not good)	Pur gridpre grid gridpost diel drift phys	Purpose e plinksurv juvsurv st adult gear other (explain)		max. Wire max	Depth Vire Out	EE EE	Flow meter # final rev. intial rev.	Flowmeter meter # 299D final rev. 76761 intial rev. 76761		Tow Ti mess. net 0 at depth haul in mess. net 1	Tow Time ass. net 0 at depth 3. haul in ess. net 1 Total	25 80
circle all san	Samples Collected Circle all samples collected PLUS fill in ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	d PLUS fill	in Project	Samples tCode(s) (in	oles (Collected the box) and	d Number	rSampled (on the line	when a	pplicabl	(e)
Absorb	ChLAM		J-Length			Lugols		QTowF		fish removed	// K panc	>
Abor A-Genet	CTD		J-Wght			J ZW		RCountE		VideoNet	oNet O	
A-Gut	_ Deploy		L-Bioch	Ē Ū	ا	NetFluor		RCount		×		
A-Length A-Oto	DiscardEBKG		L-Genet L-Gut			Ovary C		HCountL Recovery		sal	mple mple	
Asound	_ EK500		L-Hist			PAR		ScanMar		Sal	mpte	
A-Wght Brain	Fluor		Live L-Musc	Live		PhytoF POC		Shrink		sal	mple mple	
САТ	J-Gut		7	Oto		Pred		Strip		Sal	mple	
CTDB Bottle	Depth	Chlor	Nut	MZ	other	other	Depth	Chlor	Nut Bottle	MZ	other	other
Sample info	E	volume	bollle #	×	×	×	Ē	volume	bottle #	< ×	< ×	< ×
please record all samples collected	TE 12	volume	hottle #	× >	×	> >	E B	voleme	Fottle #	× >	×>	×
(each bottle should have its own record)	E 8	volume	bottle #	< ×	< ×	< ×	E	volume	bottle #	< ×	< ×	< ×
	Ξ	volume	# elilod	×	×	×	8	volume	bottle #	×	×	×
Gear 20 Bow	Net	_	Mesh	Sh S	3	E	please s	see FOCI Fie	FOCI Field Manual for		Gear abbreviations	ations
Performance	Pur	Purpose		1	Depth	5	<u>ī</u> .	Flowmeter		Ţ	Tow Time	
good quest	gridge	pinksurv juvsurv adult		max.		E E	final rev.	final rev.94808		at depth	 - -	
lost (explain if not good)	diel drift phys	gear other (explain)		Win. max.	Wire Out	E E	intial rev.	rev. 93451 Total 235		mess. net 2 Total	let 2	
circle all samples colle	nples collected	ected PLUS fill in		Samples tCode(s) (in	oles (Collected the box) and	d Id Number	Samples Collected ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	on the line	when a	pplicabl	(e)
A-Genet	Brain		J-Length	₽		L-Gut		QTowF		iish removed	// y pa/	>
A-Gut	_ CAT		J-Oto			L-Hist		QTows		RCountL Shrink	Sountt Shrink	
A-Length A-Cto	Discard J-Genet		J-Wght L-Bioch			L-Musc L L-Oto L		Pred RCountE		sal	mple .	
A-Wght	J-Gut		L-Genet	Ē E		Merist		RCount		sal	mole	

A-Genet A-Gut A-Length A-Oto A-Wght	Gear 30 BON Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Dto A-Wght	Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Length A-Wght	Gear 60 80N Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Performance good quest fail lost (explain if not good)
Brain CAT CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv gridpost adult diel gear drift other phys (explain)	Brain CAT CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)
J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh 153 table min. Depth max. mmax.	J-Length L-Gut J-Oto L-Hist L-Musc L-Bioch L-Oto L-Genet Merist	Mesh Depth m max m max m max m	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh 333 umin. Depth min. mmax. mmax. mmax. mmax. mmax. mmax. mm	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh tended to the content of the co
o OTowF OTowS Pred ACount ACou	m please see FOCI Field M. Flowmeter meter # 985 final rev. 5922 intial rev. 56983 Total 2238	ut QTowF QTowF St QTowS Pred Pred RCountE RCountJ	Please see FOCI Field Manual for Flowmeter # intial rev Total	ut QTowF QTowF St QTowS Pred Pred St RCountJ RCountJ	riotal 26.05	ut QTowF QTowS QTowS Pred Pred RCountE	Flowmeter meter # final rev intial rev
fish removed Y/N RCountL Shrink sample	Flowmeter meter # 9851 final rev. 59221 intial rev. 56983 Total 2238	fish removed Y/N RCountL Shrink sample sample	Tow Time	fish removed Y/N RCountL Shrink Sample Sample	Tow Time mess. net 0 at depth haul in mess. net 1 Total	fish removed Y/N RCountt. Shrink sample sample	Flowmeter meter # final rev initial rev final rev

FOCI Cruise_	(e.g. 4MF99)	. Station <u>M3 Sor∰</u> Haul	M3 -Sorth	Haul	_	FOCI Station	ı	(e.g. HJ45 or FOX058)	Alt. Sta	Alt. Station 60N 016	ON OIC	MOC004)
Ships Cruise	M F 02-05 (e.g. MF99-08)	GMT-Date	ate 09	09-MAV	-03	GM-Time	1	S 4 Bo	Bottom Depth ১실	th D	∞ -1	E
DLat	\$5	MLat S4	966.	.		DLong	99	ML	MLong 10	Ó	%	
Haul Comments												
~												
Gear COBON	Net	-	Mesh	sh 33.	3	mn —	please s	please see FOCI Field Manual for	d Manual f		Gear abbreviations	ations
Performance good quest fail lost (explain if not good)	Pur gridpre grid gridpost diel drift	Purpose e plinksurv juvsurv sst adult gear other (explain)		min. — Mire max. — Wire min. — Mire max. — — — — — — — — — — — — — — — — — — —	Depth /ire Out	E	Flov meter # final rev. intial rev.	81753 17584 17584	6	Tow Ti mess. net 0 at depth haul in mess. net 1	Tow Time S. net 0 depth 3:4: haul in S. net 1 Total 16:15	n
Samples Collected circle all samples collected PLUS fill in ProjectCode(s) (in the box) and NumberSampled (on the line when applicable)	ples collecte	A PLUS fill I	in Projeci	Samples (Code(s) (in	oles (Collected the box) and	d od Numbe	rSampled (c	on the line	when ap	plicable	6
Absorb	- ChLAM		J-Length			Lugols		QTowF		fish removed	ved Y / N	>
AUCF	CTD CTD		J-Wght			MZ MZ		RCountE		VideoNet	os de la companya de	
A-Gut	Deploy		L-Bioch	₽ 	ا	NetFluor		RCount		×		
A-Length A-Oto	Discard EBKG		L-Genet L-Gut			Ovary		HCountt Recovery		sample	ple ple	
Asound	EK500		L-Hist			PAR		ScanMar		Sam	lole .	
A-Wght Brain	Fluor - J-Genet		Live L-Musc	Ausc Live		PhytoF Poc		Shrink		sam	aldi aldi	
CAT	J-Gut		, ,	L-Oto	İ	Pred		Strip		sam	ple	
	Depth	Chlor	Nut	MZ	other	other	Depth	Chlor	Nut	MZ	other	other
Sample info	m m	volume	bottle #	××	×	×	E E	volume	bottle #	××	××	××
please record all samples collected	Ε {	volume	hottle #	3- 3	×	>× >	E E	Volume	tottle #	×>	× >	×
(each bottle should have its own record)	E E	volume	bottle #	š	< ×	< ×	E E	volume	bottle #	× ×	< ×	× ×
	ε	volume	bottle #	×	×	×	٤	volume	bottle #	×	×	×
Gear	Net	; ;	Mesh	ا ا		틸	please s	see FOCI Field Manual for	d Manual f		Gear abbreviations	ations
Performance	Pur	Purpose		! !	Depth	8	Flow	Flowmeter		Tow	Tow Time	
good quest fail	grid grid gridpost diel	juvsurv juvsurv adult gear		max.	le Out		final rev.	final rev. 94608		at depth haul in	: 본 = X	
lost (explain if not good)	drift phys	other (explain)		min. max.		E E		Total 2008	60	Total	<u></u>	
circle all samples collected PLUS fill in	ples collecte	d PLUS fill		Samples tCode(s) (in	ples (Samples Collected ProjectCode(s) (in the box) and	d Numbe	NumberSampled (on the line when applicable)	on the line	<i>when ар</i>	plicable	6
A-Genet	Brain		J-Length	₩ [L-Gut		QTowF		fish removed	N/Y De	
A-Gut A-Length	_ CAT		J-Oto J-Wght			L-Hist L L-Musc		QTowS Pred		RCountL Shrink	╡ぇ ┦Ҵ	
A-Oto	J-Genet J-Gut		L-Bioch L-Genet			L-Oto Merist		RCountE		sam	ple	

A-Genet A-Gut A-Gut A-Length A-Oto A-Wght	Gear 200 Bold Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Performance good quest fail lost (explain if not good)	good quest fail lost (explain if not good) A-Genet A-Gut A-Length A-Wght	Gear 60 BON	A-Genet A-Gut A-Length A-Length A-Wght	Performance good quest fail lost (explain if not good)
Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plinksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain) CAT Discard J-Genet J-Gut	일	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)
J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh 153 um Depth min. m max. m min. m max. m m m m m m m m m m m m m m m m m m m	J-Length L-Gut J-Oto L-Hist J-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh um Depth m max m min m max m	min m max m min m min m max m J-Length	Mesh 333 um	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh um Depth min m max m min m min m max m
QTowF QTowS Pred Pred RCountE	Flow meter # final rev. intial rev.	QTowF QTowS Pred ACountE ACountJ	n please see FOCI Field Manual for Flowmeter meter # final rev intial rev	fina intia	n please see FOCI Field Manual	QTowF QTowS Pred Pred RCountE	Flowmeter meter # final rev haul in mess. net 1
fish removed Y/N RCountL Shrink sample	FOCI Field Manual for Gear abbreviations Tow Time	fish removed Y/N RCountt Shrink Sample	Tow Time	mess. net 0 at depth haul in mess. net 1 Total fish removed Y/N RCountL Shrink Sample Sample	ral for Gear abbreviations Tow Time	fish removed Y/N RCountL Shrink Sample	Tow Time mess. net 0 at depth haul in mess. net 1 Total

Alt. Station 60N 017 Bottom Depth 129.7 m MLong 36.9 °W	Flowmeter meter # 2990 final rev. 8811 6 haul in mess. net 1 Total 2659 Total 36.39 Total 36.39	OTOWF OTOWS CountE CountL CountL CountL Sample Sample Shrink Sample Shrink Sample		Flowmeter meter # 3124 final rev. 9976 Total 2416 NumberSampled (on the line when applicable) Pred Growte Shrink Sample Sample Sample Shrink Sample Sample Shrink Sample Shrink Sample Shrink Sample Sample Sample Sample Shrink Sample S
FOCI Station (e.g. HJ45 or FOXX58) GM-Time A6 18 Bc DLong 16 6 ML		Merist OTows MZ RCountE NetFluor RCountJ Nut RCountJ ScanMar PAR ScanMar PhytoF ScanMar Shrink POC SSF		Collected The box) and L-Gut L-Musc
Station M2-WgHauf GMT-Date 09-May-03 (e.g. 20-May-89) ILat S8. 467 °N	ormance good quest squest Purpose gridpre plnksurv grid out fail of grid out adult diel gear drift other phlys (explain) Mesh 333 um and uman. good gridpre plnksurv gridpost adult fail of grid post adult drift other phlys (explain) Min. max. max. m max. min. min. min. min. min. min. min. min	J-Length D-Oto J-Wght D-Oto D-Wght D-Genet D-G	Chlor Nut MZ other volume bottle # x x x	ose pluksurv adult gear other (explain) PLUS fill in ProjectCode(s) (in the block) J-Length J-Wght
FOCI Cruise (e.g. 4MF99) Ships Cruise $\frac{MF02-0.5}{(e.g. MF99-08)}$ GA DLat 5.5 MLat Haul Comments	Performance good quest gridpre plr gridpost ad fail (explain if not good) Circle all samples collected PLU	Chlam Chlor	fo m all mould m ord) m	Performance good good guidest fail fail lost not good) A-Genet A-Chool A-Chool A-Oto A-

A-Genet A-Gut A-Length A-Oto A-Wght	Gear 20 BW Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Gut A-Length A-Oto A-Wght	Gear 600 BMN Performance good quest fail lost (explain if not good)	A-Genet A-Gut A-Length A-Oto A-Wght	Performance good quest fail lost (explain if not good)
Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid gridpost adult diel gear drift other phys (explain)	Brain CAT Discard J-Genet J-Gut	Purpose gridpre plnksurv grid juvsurv gridpost adult diel gear drift other phys (explain)
J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh S3 umin. Depth min. max. mmax.	J-Length L-Gut J-Oto L-Hist J-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh Depth min. max. m	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh 333 umin. Depth min. max. mmax.	J-Length L-Gut L-Oto L-Hist L-Wght L-Musc L-Bioch L-Oto L-Genet Merist	Mesh Depth min m max m min m max m
at OTowF OTowS OTowS Pred Pred RCountE	m please see FOCI Field M Flowmeter meter # 9851 final rev. 63945 intial rev. 61600	ot QTowF QTowS St QTowS Pred Pred RCountE RCount	Please see FOCI Field M Flowmeter meter # intial rev Total	ot QTowF QTowS St QTowS Pred Pred RCountE RCountJ	rotal 2569	otowF OtowS	Flowmeter meter # final rev intial rev
fish removed Y/N RCountL Shrink sample sample	FOCI Field Manual for Gear abbreviations meter 9851 53945 61600 Tow Time 7345 Total	fish removed Y/N RCountL Shrink sample	for Gear abbreviations Tow Time Total	fish removed Y/N RCountL Shrink sample sample	Tow Time mess. net 0 at depth haul in mess. net 1 Total	fish removed Y/N RCountL Shrink Sample Sample	Flowmeter meter # final rev initial rev for Gear abbreviations Total Total Total for Gear abbreviations Tow Time mess. net 0 at depth haul in mess. net 1 for Gear abbreviations Tow Time mess. net 0 at depth for Gear abbreviations