		UISE: USG NMS	٩	IOV	2015		DATE		c			JD EST		NAV FILE NO		HD UP	PRO FWD VIDEO, FILE: CAM: CAM:
				DEC		-								VIDEO	FILE		and the second second
	US ST/			SBN							1		GHT	UP CAM	:	GP	STILLS FILE:
		EO START		URF	ACE				SU	RFAC	E			30, 2015 113 UTC	QUA	٨D	NAV
														113010			GPS
		O ON BED / SMPL	EST	нн м	im ss		DF	PH, m				t N deg		min	Lon W 70 deg		min
	SAN	IPLE	EST	HH M	IM SS		DF	'H, m				t N deg		min	Lon W 70 deg		min
ł		O OFF	EST	нн м	IM SS		DP	H, m				t N deg		min	Lon W 70 deg		min
		BED / SMPL										ueg		100	70 deg		
	Lo/ HH			o/Hi IH MN		EST	STA L			+/-		hr		rc = est +	5 HRS	CID	CAST NO.
2	NO		re-trio	ped:	no sm	ol atte	moted:	iaws	ba	irtly or	ben	washout	: refus	al: too ora	vellv/sh	ellv: s	mpl too small
		<b></b>		T T		pronto		,								_	
2	TIDE	AT SCITUAT	E MA	1											SA	AMPL	E TYPES
				-			_								sed g	rab	temp logr
															sand	lance	ctd upcast
	_			1					-								
		att epifaun		-	the second second second	ing eg	igs	_	_	skate				the second se	ED DES	CRIP	and the second se
		Boltenia tu		_	lobs	ter n snai		-	-	Sube		s spg	storr	n ripples	sha	200	y, n rounded
		brachiopoc bushy bry/			mus				-			B pilu.		n ripple tro		ai p	y, n
		iuvenile co				an pou	t		-+			ncr. spg		l ripples	agno		y, n
		cancer cra				mastia	and the second second second							partial ve	neer on	grave	
		cod				encr. s	pg							el paveme			y, n
		cunner			-	hake								l lance in			
		dk yellow s		_	sand	d dolla	rs		+					I lance on I lance in			and the second
		Didemnum	COIS	-					-+				SL S		seu sar sml		y, n ned la
1	$\vdash$	dogfish Eucratea k	nricata		scal	lons							nos		5111		ned Ig
		Filograna i			scul												
		finger spg	-		sea	stars								ed/dredge		rags	y n
		flounder					agment	s						/dredge m	arks		y, n
		haddock			silve	r hake		_					amb	ient light			<u>y, n</u>
	Tem	p (Onset Tidbi	T v2)	Seal	bed deg	С	, Si	urface	(-1	m) deg	с	; Di	fference	e deg C			
	DIG	ITAL VIDEO	STILL	PHOT	ros: c	GO PR	D (3, 3+	)@		sec in	iterv	val;	P	lo. of photo	s =		
	No.	Cumul. No.	Ti HI	ime (l H MN	EDT) A SS		JPG hage #		DV	D #			criptio n phot		Auk20		ame 4_sta_img #
No. of State	1																
	2																
	3																
	4										-					10	5690
	5			0.00					4		C.T.A	NOS DETU		DALLELIA		0.024	
		IT OF FWD UP						CA		DI	STA	NCE BETW	EEN P/	RALLELLA	USGS = 2		FION
F	AGE	ALENTINE, US	GS COA	STAL A	ND MAP	NE GEO	DLOGY P	ROGR/	AM.	WOODS	HO	LE, MA SB	NMS S	site	_, CON	SEC	STA

NOU30= JD334 DEC 1 = JD335

VIDEO CAMS FWD UPRER GOPRO 120 cm distance FWD UPRER GOPRO 88 cm 96 cm 14D FWD LOWER SEAVIEWER 88 cm 96 cm 14D

UTCTIME = EST TIME + 5 HRS

UP cam to realed vert = 129 ; slope = to cam to peaked vert = 188 ; stope = of cm

more se injuned by Sub (caught m jaws) than usual = 50 deeper in red

					N	ATE EST	_	/	JD EST 33	5	NAV FILE N		HD V UP C	PRO FWD /IDEO, FIL AM: 291
									UTC 33	35	FWD VIDEO		LOC	AM:982
USG	S.	¥			C	ONSEC.								TILLS FILE
STA	11160					<b>FATION</b>	•	1	DAY	GHT	3	53		
		AT SU	RFA			END AT	SL	JRFA	CE Sunset	• Nov 3	30, 2015	QUA	D	NAV
EDT	HH MM SS	144	94	BUTC	нн	MM SS					113 UTC	2	.	GPS
		EBT HI	HM	Mas FGLFG	3)	DPH, m	24	ø	Lat N 42 deg //,	668	3 🤇 min	Lon W 70 deg		.5246 531 mi
SAMI					2). 1	DPH, m	1		Lat N 42 deg	4 01	min	Lon W 70 deg	/	m
	~				/Gas						110101		·	
VIDEC		09				DPH, m			Lat N 42 deg //	.697	5 min	Lon W 70 deg	(4.	7620 mi
LO/F HH N				TIDE EST	-	TALo/H	i	+/-	- = , hi		C = EST +	5 HRS	CTD	CAST NO.
NO S	SAMPLE p	no smpl att	_		s pa	artly o			al; too gra	velly/she	elly; sr	npl too sm		
TIDE	AT SCITUATI	EMA	-				- 222					SA	MPLI	E TYPES
										e sed g	rab	temp_logr		
										sand	ance	ctd upcas		
	att epifauna			herring e	aas			skat	9	ľ	SEAB	ED DES	CRIPT	TION
	NMS NOV 2015 DEC GS A 442 EO START AT SURFACE HH MM SS 14 4948 070 EO START AT SURFACE HH MM SS 14 4948 070 EST HH MM SS BED SMPL C 9 5 1 / L HI TIDE EST HI TIDE EST HI TIDE EST HH MM SAMPLE pre-tripped; no smpl EAT SCITUATE MA SAMPLE pre-tripped; no smpl EAT SCITUATE MA att epifauna herrin Boltenia tunic. I obster brachiopod moon bushy bry/hyd musse juvenile cod ocean cancer crab Polym cod red en cunner red ha dk yellow spg sand c Didemnum cols dogfish Eucratea loricata scallop Filograna implexa sculpir finger spg sea sta flounder shells haddock silver f P (Onset TidbiT v2): Seabed deg C TAL VIDEO STILL PHOTOS: GO T OF FWD UPPER GO PRO ABOVE T OF FWD UPPER GO PRO ABOVE T OF FWD LOWER GO PRO ABOVE							_	erites spg	storm	ripples			y, n
	DEC         GS       SBNMS         A       HHAI       SITE       SITE         PEO START AT SURFACE       N         HH MM SS       14 494807       E         CON       EST       HH-MM-SS         BED       SMPL       DG       UG       UG         CON       EST       HH-MM-SS       DG       UG       UG         SOOFF       EST       HH-MM SS       DG       G       J       JE         SOOFF       EST       HH-MM SS       DG       G       J       JE         BED       SMPL       DG       G       J       JE         HI       TIDE EST       Lo/HI       TIDE E         HI       TIDE EST       Lo/HI       TIDE E         HI       TIDE EST       Lo/HI       TIDE E         HH       MM       S       SAMPLE       pre-tripped; no smpl         Att epifauna       herrin       Becorea       No       Sand docen         JUVenile cod       ocean       cacen       red en       cacen         cod       red en       red had       dogfish       Sculpin         cod       red en       sculpin       f				ail			squi		cres		sha	rp	rounded
								tunic	ate, B pilu.	gvl in	ripple tro	ughs		y, n
					ut			yello	w encr. spg	small	ripples			() n
					ia sp	g				sand	partial ve	neer on g	grave	<u>y</u> , r
					spg					grave	l paveme	nt		y, r
										sand	lance in	water co	olumr	y, (n
					ars					sand	lance on	/in subs	trate	у, (r
										sand	lance in	sed san	nple	y, (ř
	dogfish	-						SL s	ze:	sml	m	ed Tg		
		scallops						nos:						
	Filograna ir	sculpin										~		
	finger spg	sea stars						trawle	ed/dredge	d shell fr	ags	<u>(y)</u> n		
		shells & f	ragm	ients				trawl/	dredge m	arks		y, r		
	And in case of the local division of the loc	silver hak							ent light			у, п		
Temp	dk yellow spg       sand d         Didemnum cols       dogfish         Eucratea loricata       scallop         Filograna implexa       sculpir         finger spg       sea sta         flounder       shells         haddock       silver f         p (Onset TidbiT v2):       Seabed deg C         TAL VIDEO STILL PHOTOS:       GO         Cumul.       Time (EDT)					; Surface	(-1	m) deg	C;Di	fference	deg C			
DIGI1								sec ir	iterval;		o. of photo			
No.					JP( mage		D٧	/D #		cription n photo			Filena 15074	ime _sta_img≴
1	PLE EST RH MM SS PLE EST RH MM SS PLE EST HH MM SS O 9 5 / / (C HI TIDE EST MM SAMPLE pre-tripped; no smpl AT SCITUATE MA att epifauna herring Boltenia tunic. lobster brachiopod moon s bushy bry/hyd musse juvenile cod ocean cancer crab Polyma cod red end cod red end cod red end cod red end cod red end cod sean scallop Filograna implexa scallop Filograna implexa scallop Filograna implexa sculpin finger spg sea sta flounder shells of haddock silver h CONSET TidbiT v2): Seabed deg C TAL VIDEO STILL PHOTOS: GO Cumul. Time (EDT) NO. HH MM SS				, ,									
2												5.4		
3														
4														
5														
	OF FUEL		100	ADOVEDE		=125 CI	A	D	STANCE BETW		DALLELIA	SERS = 20	CM	

. Acres

	JISE: USG				DAT NOV	EEST	1	JD EST	33	5	NAV FILE N	0.	HD	PRO FV VIDEO,
SBN	IMS	NO	V 2	015		yer	· · ·				FWD	CH-HD		
		_			2000			1 2	2		VIDEO			CAM: 98
USC			BNM		ł i	SEC.		64		NUT	UP CAN		GP S	STILLS F
STA	4422	_   SI	TE	Sy	STA		2	DAI		2111	35	4		
	EO START	AT SUF	RFA		DEO EN		URFAC	5			0, 2015	QUA	I	NA
								16	613 ES		113 UTC	2	-	GP
VIDEO		EST H				PH, m		Lat N			798	Lon W		.484
SEAB	ED / SMPL	/10	) O	851	5	21	0	42 de	g	5/9	min	70 deg	114	,499
		EST H	I MN	A SS		PH, m		Lat N				Lon W		
SAM	PLE							42 de	q		min	70 deg		
		EST H	- MN	I SS		PH, m		Lat N				Lon W		
VIDEO						,		42 deg	, <i>11</i> .	7819	min	70 deg		5/16
1				932					9			10 009		
LOTI HH M			MM	TIDE ES	' STA	Lo / Hi	+/-	-		UT	C = EST +	5 HRS	CID	CAST NO.
					HH I	MM			<u>.                                    </u>					
NO	SAMPLE pr	e-trippe	d: ne	o smol a	ttempted	: iaws c	artiv o	pen: wa	shout:	refusa	al: too ora	vellv/she	ellv: sr	nol too s
					liompiee	, <b>j</b> ano p						-		•
TIDE	AT SCITUATE	MA 📑										S/	MPL	E TYPE
												(sed g	rab	temp lo
												D	~	~
												sand	lance	ctd up
	att epifauna	1		herring	eggs		skate	3			SEAB	ED DES	CRIP	TION
	Boltenia tun			lobster			Sube	erites sp	)g	storm	ripples			у, (
	brachiopod			moon sr	nail		squid			cres		sha	arp	round
	bushy bry/h	yd		mussels				ate, B p			ripple tro	ughs		<u>у</u> ,
	juvenile cod		-	ocean p			yello	w encr.	spg		ripples			<u></u>
	cancer crab	1		Polymas			+				partial ve		grave	
	cod			red encr		<del> </del>	+				l paveme		- 1	<u> </u>
h +	cunner dk yellow sp	20		red hake sand do		-+-	+				lance in lance on			
	Didemnum		$\vdash$	Sand do	liai 5						lance in		_	(Y)
	dogfish					-+	+			SL si		(sml)		ied
	Eucratea lo	ricata		scallops						nos:		U		
	Filograna in	nplexa		sculpin										-
	finger spg			sea star				+	<i>Q</i>		d/dredge		rags	(Y
the second se	flounder				fragmen	ts	QVV 1	4/tr	χ		dredge m	arks		У,
	haddock			silver ha	ke					ambie	ent light			<u>у</u> ,
Temp	(Onset TidbiT	v2): S	Seabe	d deg C	; 5	urface (-1	l m) deg	С	; Dif	ference	deg C			
DIGI	TAL VIDEO S		ютс	)S: GO F	PRO (3. 3-	H) @	sec in	iterval;		N	o, of photo	s =		
_,,	_					, S +					· _			
No.	Cumul.	Time			JPG	ים	VD #			ription			Filena	
	No.	HH	VIM	55	image #				v = ir	photo		Auk20	15074	_sta_im
1														
2							2 - C.L.							
4			_			-								
3														
	+			+		-		+			+			
4														
5														
		PER GO P	RO	ABOVE SE	ABED =	CM	DI	STANCE	BETWE	EN PAR	RALLEL LA	SERS = 20	) CM	
EIGHT														

	JISE: USGS						1	JD EST 3	35	NAV FILE NO		HD	PRO FI VIDEO, CAM: 2
SBI	MS	NC	<b>v</b> :	2015						FWD M		LO	CAM
USC STA	1/// 6.9	S S	BNI ITE	ms 54	CONSE		3	DAY-N	IGHT	UP CAM		1	STILLS
	EO START A	T SUI	RFA		DEO END		JRFAG	Sunse		<b>30, 2015</b> 113 UTC	QUA	AD	NA
		EST H	LI AI		DPH				.79				G
VIDE	BED I SMPL	(10	2	240		7	26	Lat N 42 deg /		, min	Lon W 70 deg	14.	467 472
SAM		EST H	H_M	MSS	DPH	i, m		Lat N 42 deg		min	Lon W 70 deg		
VIDE	O OFF	EST H		-	DPH	l, m		Lat N	11 0 007		Lon W		110.7
SEAE		10	23					42 deg	1.8003	min	70 deg	-	4803
Lo/I HH I			/ Hi MM	TIDE ES	STA LO		+/-	_	hrs UT	'C = EST +	5 HRS	СТD	CAST NO
NO	SAMPLE pre	-trippe	ed; i	no smpl a	attempted; ja	aws pa	artly o	pen; washoi	ut; refus	al; too gra	-	-	
TIDE	AT SCITUATE	MA						1 I. I. I.			SA	<b>MPL</b>	ETYPE
							3				sed g	rap	ternp
											sand		ctd u
	att epifauna			herring	i eggs		skate				D DES	CRIP	TION
_	Boltenia tuni	с.		lobster				erites spg	-	ripples			у,
	brachiopod			moon s			squid		cres		sha	arp	roun
	bushy bry/hy juvenile cod	a	<u> </u>	mussel		_		ate, B pilu. w encr. spg		ripple tro	ugns		<u> </u>
	cancer crab		-	ocean p Polyma	istia spg		yeno	w ены, spy		partial ve	neer on	arave	<u>y,</u> Iy,
+	cod		1	red end	and the second					partial vene	and the second se	giare	<u>y,</u> y,
+ +	cunner			red hak		-				lance in		olum	
	dk yellow sp	g	V	sand do					sand	lance on	/in subs	strate	
	Didemnum c	ols								lance in			у,
	dogfish									ize:	sml	n	ned
_	Eucratea lori	and the second		scallop	the second se				nos				
and the second second	Filograna im	plexa		sculpin					Annual		ط والدوال في	-	
	finger spg flounder			sea sta	rs & fragments	_	ALL A	albet		ed/dredge /dredge m		rags_	<u>(y</u>
-	haddock			silver h	the second se	-	gar r	<i>γμ</i> .		ent light			<u> </u>
	o (Onset TidbiT v			ed deg C			m) deg	<u>C;</u>	Difference	deg C o. of photo	8 =		
				DT)	JPG				scription	· .		Filen	ame
No. 1	No.	HH	MM	SS	image #		/D #	<u>√</u> =	in photo		Auk20	15074	t_sta_in
2													
3													
4													
5													
FIGH	OF FWD UPPI	ER GO	PRO	ABOVE S	EABED =	CM	DI	STANCE BETY	VEEN PA	RALLEL LAS	SERS = 20 USGS	D CM	

	UISE: USG						e (	JD EST	335	NAV FILE N	0.		RO F IDEO AM: 7
58	NMS	NÇ	ענ	2015							CM-HD	LOC	AM: 9
US	GS	S	BN	MS	CONS		,		NIGH			GP ST	
ST/	442L	· .		34	STATI				NIGH	356			
	HH MM SS	AT SU	KL4		DEO END		UKFA	Suns		ov 30, 2015 = 2113 UTC			N.
1		EST H	H N	IM SS	DP	H, m		Lat N	.74		Lon W		6 794
	O ON BED SMPL	10	3	SCE		20	0	42 deg			70 deg	14.	
SAM	IPLE	EST H		IM SS	DPI	H, m '		Lat N 42 deg		min	Lon W 70 deg		
VIDE	O OFF	EST H		im ss 5 38		H, m		Lat N 42 deg	11.78	389 min	Lon W 70 deg	14.5	-140
Lo/ HH			7 Hi MN	TIDE E	ST STAL		+/-	•	hrs	UTC = EST +	5 HRS	CTD C	AST N
NO	SAMPLE pr	e-trippe	ed; ı	no smpl		_	artly o	pen; wash		fusal; too gra	velly/sh	elly; sm	ipl too
TIDE		MA		100							SA	MPLE	TYP
									1200		sed g	rab)	temp
5												аясе	ctd u
	att epifauna	l- 1		herrin	g eggs		skate	9			ED DES	CRIPT	ION
	Boltenia tur	nic.		lobster				erites spg		torm ripples			у,
$\vdash$	brachiopod	_ <del>.</del>		moon			squid			crests:	sha	arp	roun
	bushy bry/h		_	musse				ate, B pilu		vl in ripple tro	ughs		<u> </u>
	juvenile coo		-	ocean			yello	w encr. sp		mall ripples		aroual	<u>y</u> ,
	cancer crab cod	,	+		astia spg		ł			and partial ve ravel paveme		graver	<u> </u>
	cunner		$\vdash$	red en		_	<del> </del>			and lance in		olumn	<u>у</u> у,
- Children -	dk yellow sp	202	10	sand d				· · · · · · · · · · · · · · · · · ·		and lance in			<u>y</u> , y
	Didemnum		- K.	Sanuuu	ionars	-	ł			and lance in			<u>y</u>
	dogfish	CUIS	+			_	<u>+</u>			L size:			ed y
	Eucratea lo	ricata	+	scallop	ne .	_	ł — —			10S:	5111	1116	u .
	Filograna in			sculpin			<u> </u>			105.			
h +	finger spg	ipieza	Ľ	_sea sta		_	ł			awled/dredge	d shall f	1000	(y
	flounder				& fragments		440	T. H. a		awi/dredge m		lays	
	haddock			silver h				3417× C-		mbient light	di Ka		<u>y</u>
	o (Onset TidbiT TAL VIDEO S			ed deg C OS: GO			m) deg sec ir	C;	Differe	ence deg C No. of photo	s =		
No.	Cumul. No.			DT) I SS	JPG image #	D۱	/D #		)escrip = in p		Auk20	Filenai 15074	
1									F				
2													
3													
4													
5									1				
					SEABED =	СМ		OTALICE OF	TAREA	PARALLEL LA	SERS = 20 USGS _, CON	Ch4	

CRU	ISE: USG	S ALIK	201	5074		E EST		JD EST 3	35	NAV FILE NO	<b>D</b> .	GO PRO	
SBN				2015		De					the up	UP CAM:	- 7
										FWD /		LO CAM:	9
USG	<b>S</b> , /	S	BNI	MS	CON	ISEC.		15				<b>GP STILI</b>	
STA	4425	S	ITE	us 53	•	TION	5	DAY-I	NIGHT	35	7		
VIDE	O START				IDEO EN								N
	HH MM SS	AT 50			DT HH MI			Suns		30, 2015			
~								1613	EST =	2113 UTC			G
VIDEO		EST H				PH, m	2	Lat N //	=1,	<u> </u>	Lon W		
SEAB		10	5	324	<sup>L</sup> , )	2	-3	42 deg[[,	54	7 min	70 deg	116.46	, > /
		EST H	IH M	MSS		PH, m		Lat N	.548	3	Lon W	.453	1
SAMF	PLE							42 deg		min	70 deg		1
	20	EST H	H M	M SS		PH, m		Lat N			Lon W		
VIDEO		10	54	10				42 deg //	.552	S min		16.48	50
LOIH			7 / 7 Hi	TIDE ES	ST L		. /					CTD CAST	
HH M			I MM		SIA	Lo / Hi	+/-			JTC = EST +	5 HRS		
					HH	MM		·	hrs				
NO S	SAMPLE pr	e-tripp	ed; r	no smpl a	attempted	l; jaws	partly o	oen; washo	ut; refu	isal; too gra	velly/she	elly; smpl t	toc
		T									191	MPLE TY	/D
TIDE	AT SCITUATE	MA											
			_								(sed g	rab) tei	mp
											sand	Tanco Ci	du
	att epifauna			herring	eggs		skate			A CONTRACTOR OF	ED DES	CRIPTION	1
	Boltenia tun	ic.		lobster				rites spg		m ripples			у,
-	orachiopod			moon s			squic			ests: in rinnle fre	sha	arp ro	ur
	oushy bry/h			mussel				ate, B pilu.	the state of the s	in ripple tro	ugns		<u>_</u>
	uvenile cod			ocean p	istia spg		yeno	w encr. spg		all ripples d partial ve	neer on	aravel	(y y
	cod			red end			+			vel paveme		graver	_y _y
+	cunner			red hak			1			d lance in		olumn	v
	dk yellow sp	g	V	sand do		6				d lance on			y
	Didemnum						T		san	d lance in	sed san	nple	(y
	dogfish								SL	size:	sml	(med)	
h	Eucratea lo	-		scallop	A second s				no	S:			
	Filograna in	plexa		sculpin			+		_ <u>_</u>				
	inger spg		-	sea sta		4-		<u> </u>		vled/dredge		rags	<u> </u>
the second se	lounder naddock		+	silver h	k fragmer	its	-			vl/dredge m bient light	arks		<u>}</u>
	Taddock		1	silverna	аке		1		am	Sent light		· · · · · ·	y
Tomo	(Onset TidbiT	1001-	Cook	edideg C		Surface (	-1 m) deg	с ·	Difference	n dog C			
remp		V2].	Seau	an nað c	, <u> </u>		- inj deg	<u> </u>	Dinerent	le deg C			
DIGIT	AL VIDEO S	TILL P	HOT	os: Go	PRO (3, 3	+) @	sec in	terval;		No. of photo	s =		
	Cumul.	Tim	e (F	DT)	JPG	T		De	escriptio	n		Filename	
No.	No.			SS	image #	, C	)VD #		= in pho		Auk20	15074_sta	
1				3					1				-
						+							_
2													
						1		1					-
3						-		-				a. 1919	_
4													
	8	2.52						-					-
5						-					- spectato		_
100000	OF FWD UPF					CM				ARALLEL LA			

	JISE: USG				DATE NØV		_/	JD EST 3	35	NAV FILE NO	<b>)</b> .	HD \	PRO FWE /IDEO, FI AM: 291
SBN	AIN 2	NU		2015						FWD			AM: 982
USG	20		DNI	MS	CONS	FC		100		VIDEO	r		TILLS FIL
STA					STAT		6	DAY N	IGHT	UP CAM		GF 3	TILLO FIL
							0			358			
	EO START	AT SU	RFA		IDEO END		URFA	CE Sunse	t: Nov 3	0. 2015	QUA	D	NAV
EUI	HH MM SS			E	DT HH MM	55				113 UTC	2	-	000
1	~	ESTH	R M	M SS	DP	H, m		Lat N		1	Lon W		GPS
VIDEC				40		2	3	42 deg //.	57-7	min		16	552 m
OEAD	ED SHIFT.	(		· ·			/						
SAM	PIE	EST-HĮ	HIM	M SS	DP	H, m			.575	-	Lon W	.5	386
								42 deg		min	70 deg		m
VIDEC	OOFF	EST HI		o 11	DP	H, m		Lat N	.5795	-	Lon W		
	ED I SMPL	11	08	3 14				42 deg //	.5 775	' min	70 deg /	16.50	553 m
LOTH	HI TIDE ES			TIDE E	ST STAL	o / Hi	+/-		T			CTD C	AST NO.
HH N	MM	нн	MM		HH M			_	ITS UT	C = EST +	5 HRS		
						141			118				
NO \$	SAMPLE pr	e-trippe	ed; r	no smpl	attempted;	jaws p	partly o	pen; washou	it; refusa	al; too grav	velly/shel	lly; sn	npl too sm
TIDE	AT SCITUATE										SA		TYPES
TUE	AT SCHUATE	- MA					1						
-											sed gr	ab)	temp log
											sand		ctd upca
					<u>.</u> .								<u> </u>
	att epifauna				g eggs		skate				DESC	RIPT	
	Boltenia tur			lobster				erites spg		ripples			<u>y,</u> n
	brachiopod			moons		_	squid		cres		shar	p	rounded
	bushy bry/h juvenile coc			musse				ate, B pilu.		ripple trou	ugns		<u> </u>
	cancer crab			ocean	astia spg		yeno	w encr. spg		ripples partial ver		rouol	<u>v</u>
	cod	,		red end			+			partial ver pavemer		lavel	<u>y,</u> y,
	cunner			red hal			1			lance in v		lumn	
the second se	dk yellow sp	Da		sand d			+		+	lance on			<u>y.</u> <u>y</u> , (
	Didemnum						t			lance in s			y, (
	dogfish						T		SL si	ze:	sml	m	ed t
the second se	Eucratea lo	and the second se		scallop			I		nos:				
	Filograna in	nplexa		sculpin									
	finger spg			sea sta						d/dredge		ags	y r
	flounder				& fragments	\$	ļ			dredge ma	arks		<u>y</u> , I
	haddock			silver h	lake				ambie	ent light			<u>y, r</u>
	Onset TidbiT			ed deg C OS: GO			1 m) deg sec in	<u>C;</u>	Difference (	deg C o. of photos	s =		
	Cumul.	Time	- /E		JPG	r		Der	orintian			Filena	
No.	No.	Time HH i			image #	ע	VD #		scription in photo				ine _sta_img ;
_		••••		00	inage #			•	in photo		MUNEOT	<u> </u>	្នុងដេ្ឋាយទូ
1													
2									A.1026030 778				
3										-			
U					t	+							
4								5.0					
4													
4 5	OF FWD UPF			10015		СМ		STANCE BETV				<u></u>	

					E EST Vec	-1	JD EST 33	5	NAV FILE NO		HD V	PRO FW IDEO, F AM: 29
280	Civil S	NOV	2015						FWD		LOC	AM: 98
1100	29	epi		CON	SEC		-		VIDEO			rills Fi
STA	4427		E 53	STAT		7	DAY - NI	GHT	UP CAM 35	7		
		T SURF				JRFAC	Sunset		0, 2015		<u> </u>	NAV
· ·		ST HH	MM SS		PH, m	T	Lat N			Lon W		GPS
	ED SMPL		152		2	3	42 deg //	355	min	70 deg	16.	480
SAMI	PLE				PH, m		Lat N 42 deg	552	s min	Lon W 70 deg		6 5 <u>78</u> r
	OOFF	<u>st нн</u> 120	mm ss > 24	D	PH, m		Lat N 42 deg //	.557	3 min	Lon W 70 deg	16.4	<i>902</i> r
Loth HH M		Lo/H HH M		ST STA	Lo / Hi /M	+/-	h	UT	C = EST +	5 HRS	CTD C	AST NO.
NO	SAMPLE pre-	-tripped;	; no smpl a	attempted	; jaws p	artly op	en; washou	t; refusa	al; too gra	velly/she	elly; sm	pl too si
TIDE	AT SCITUATE N	AA								SA	MPLE	TYPES
	IDEO START AT         DT       HH MM SS         IDEO ON       SMPL         EABED       SMPL         AMPLE       ES         AT SCITUATE MA       Boltenia tunic.         brachiopod       bushy bry/hyd         juvenile cod       cancer crab         cod       cunner         dk yellow spg       Didemnum col         dogfish       Eucratea lorica         Filograna impli       finger spg         flounder       haddock         MO       No.         I       I         A       I									sed g	rab	temp log
										sand		ctd upo
TT	att epifauna		herring	eggs		skate		T	SEAB	ED DES	CRIPT	
			lobster			the second second second second	ites spg	storm	ripples		_	У,
	brachiopod		moon s	nail		squid		cres		sha	rp	rounde
		d	mussel	s		tunica	ite, B pilu.		ripple tro	ughs		У.
	and the second se		ocean p			yellow	/ encr. spg		ripples			$-\infty$
				istia spg					partial ve		gravel	<u>y,</u> y,
			red enc						l paveme			<u>у</u> ,
-			sand do	and the second se					lance in lance on			<u> </u>
-				Judi S				-	lance on			y, (
		<i>H</i> O	+					SL si		sed san	me	
		ata	scallops	S				nos:	- 2.	<u>viii</u>	110	
			sculpin			t		1				
			sea sta	rs				trawle	d/dredge	d shell fr	ags	У
-	The second se			fragmen	ts				dredge m	arks		ŷ,
	haddock		silver ha	ake				ambie	ent light			у,
			abed deg C TOS: GO I		urface (-1 -) @	m) deg ( sec int		ifference No	deg C o. of photo	s =		
No.		Time ( HH M		JPG image #	D\	/D #		cription n photo			Filenai 15074_	me sta_img
1					1		1	1	10			
2					-							
3									-			
4												
5												
							1			Sector Contractor		

.

	JISE: USGS				E EST Vec	1	JD EST 33	5	NAV FILE NO	<b>).</b>	HD '	PRO FW VIDEO, I CAM: 2.4
SBN	AIAI 2	NU	V 2015				T		FWD N			AM: 9
USC STA	y 4 28	S		SII CON		в	DAY-NI	GHT	UP CAM	:	GP S	STILLS F
	EO START		RFACE			JRFAC	Sunset		0, 2015	QUA		NA
-	-						1613 E	$ST = 2^{\circ}$	113 UTC	2		GP
VIDEO	DON		H MM SS		РН, m 2	7	Lat N 42 deg / O			Lon W 70 deg	14.	349
SAM	PLE		H-MM-68		PH, m		42 deg	6820	min	Lon W 70 deg		3390
	ED SMPL		h mm ss 1430	D	PH, m		Lat N 42 deg	6832	min	Lon W 70 deg		549
Lo/H HH M			/Hi TID MM	E EST STA	Lo/Hi //M	+/-	h		C = EST +	5 HRS	CTD	CAST NO.
NO	SAMPLE pro	e-trippe	ed; no srr	npl attempted	; jaws p	artly op	en; washou	t; refusa	al; too gra	velly/she	elly; si	mpl too s
TIDE	AT SCITUATE	MA								SA	MPL	E TYPES
						-+				sed g		temp k
	- 16 18							·	0540	sand	·	Ctd up
	att epifauna Boltenia tun		lobs	ring eggs		skate	rites spg	storm	ripples	ED DES	URIP	
	brachiopod	<u>IU.</u>		on snail		squid	the second s	cres	the state of the s	sha	rn	y, round
	bushy bry/h	vd		sels			ate, B pilu.		ripple tro		<u>пр</u>	v
	juvenile cod		1-1	an pout			v encr. spg		ripples	ugiis		- Å
	cancer crab		and the second	mastia spg		10.00	enon opg		partial ver	neer on	arave	the second se
	cod			encr. spg					l paveme			<u>y,</u>
	cunner			hake		r			lance in		olumr	n y,
	dk yellow sp	g	√ san	d dollars				sand	lance on	/in subs	trate	
	Didemnum (	cols							lance in			у,
	dogfish							SL si	ze:	sml	m	ned
	Eucratea lor			lops				nos:				
_	Filograna im	iplexa	✓ scu	and the second								
	finger spg			stars					ed/dredge		ags	у
-	flounder			lls & fragmen	ts				dredge m	arks		<u> </u>
	haddock		Silve	er hake				ambie	ent light	<u> </u>		y,
	Onset TidbiT		Seabed deg	3 C ; S GO PRO (3, 3+	urface (-1	m) deg ( sec int		ifference	deg C o. of photo:			
			e (EDT)	JPG	T			cription			Filena	me
No. 1	No.		MM SS	image #		/D #		n photo				_sta_im
2					+							
3												
4												
5							TANCE BETW	or 23 m				
	OF FWD UPP				CM							

	JISE: USGS				DATE I NOV	EST De	c1	JI	о <sup>57</sup> 37	5	NAV FILE NO	<b>)</b> .	HD \	PRO F /IDEO AM: 24
SBN	IMS	NC	)V :	2015							FWD M			AM: 9
USC	SS LHCQC		BNI	vis 512	CONSE			10		GHT		:		TILLS
VID	EO START A					AT SL	JRFA	CE	 Sunset	: Nov 3	<u> </u>	QUA	D	N
EDI					A THEF MEDIUS &				1613 ES	ST = 2	113 UTC	12	-	G
VIDE		ST H		M SS 3 ()	DPH	, m 2L	f	Lat 42 c	N leg)()	. 634	¢ min	Lon W 70 deg		
SAM		ST H	H-M	MISS	DPH	l, m	8	Lat 42 c		632	/ min	Lon W 70 deg		671
VIDE	DOFF )	ST H		m ss 72	DPH	, m		Lat 42 c		.637	/ min	Lon W 70 deg		-860
Lo/I HH I			/ Hi MM	TIDE ES	T STALO		+/-	=	h		C = EST +	5 HRS	CTD	CASTIN
NO	SAMPLE pre-	trippe	ed; r	no smpl a	ittempted; ja	aws pa	artly o	pen;	washout	; refusa	al; too gra		-	-
TIDE	AT SCITUATE N	/A										SA	MPLI	ΞΤΥΡΙ
-		-					- 1	1.00				sed g	1	temp
-							3					sand		) (ctd u
	att epifauna			herring	eggs		skate					ED DES	CRIPT	
	Boltenia tunic			lobster	noil	_		erites	spg	storm cres	ripples	obo		<u>y,</u> roun
-	brachiopod bushy bry/hyd			moon si mussels			squie		3 pilu.		ripple tro	sha	iip	TOUN
	juvenile cod			ocean p					cr. spg		ripples	ugiis		<u> </u>
	cancer crab			Polyma		+	yeno		01. opg_	And in case of the local division of the loc	partial ver	neer on	arave	
	cod			red enci							paveme			ý
	cunner			red hak						sand	lance in	water co	olumr	
	dk yellow spg		V	sand do	ollars						lance on			У
	Didemnum co	ols									lance in			<u>()</u>
	dogfish					_				SL si	ze:	(sml)	. An	ed
	Eucratea lorio		$\vdash$	scallops	<u> </u>	_				nos:	45	3	24	71
-	Filograna imp	lexa	-	sculpin sea star						troude	ed/dredge	d shall fi		v
	finger spg flounder		+		fragments						dredge m		ays	y
	haddock			silver ha							ent light			y y
Temp	o (Onset TidbiT v	2): :	Seab	ed deg C	;_Surl	ace (-1	m) deg	1 C	; Di	fference	deg C			
DIGI	TAL VIDEO ST					0	sec ir	nterva			D. of photo		<b></b>	
No.	Cumul. No.			DT) ISS	JPG image #	D١	/D #	-		cription n photo		Auk20	Filena 15074	
1			_					+-						
3										7 mm - 47 - 1				
4									2002					
5														
		R GO		ABOVESI	EARED =	CM	D	ICTAN	CE DETM		RALLEL	ERS = 20 USGS	CM	

	JISE: USG				DATE NOV	est )ec	_1	J	D ST ろろ	5	NAV FILE NO	<b>)</b> .	GO P HD VI UP CA	IDEO,
SBN	NIVIS	N	υv	2015							FWD M		LOCA	
USG	20	Te	BN	MS	CONSE						VIDEO		GP ST	•
STA	443	2 S	SITE	512	STATIC	ON	10		AY	GHT	UP CAM 3 C	52		
	EO START HH MM SS	AT SU	RFA		DEO END		JRFA	CE			<b>0, 2015</b> 113 UTC	QUA 2	1	N/
	~				<u> </u>	_				51 - 2	113 010			G
VIDEO		EST F		m ss 336	DPH	l, m 2	5	Lat 42 (	N deg ( O	.55	2-min	Lon W 70 deg		346
SAM	PLE	EST	1H-M	M 88	DPF	ł, m		Lat 42 (	N , deg	551	7 min	Lon W 70 deg		294
VIDEO		EST H			DPH	l, m		Lat	N /o	CEL		Lon W	10 0-	
SEAB		12	214	410				42 (	deg /o	.>>4	/ min	70 deg	16,35	66
LOTH HH M		T Lo	/ Hi H MN	TIDE E	ST STALO		+/-	-			C = EST +	5 HRS	CTD C	AST NO
NO	SAMPLE pi	re-tripp	ed; ı	no smpl a	attempted; ja		artly o	pen;	washout		al; too gra	velly/she	eliy; sm	pl too
TIDE			5			_						SA	MPLE	TYPE
TIDE	AT SCITUATE	= MA											-	
			-				-					sed g	rab	temp
			Ì									sand	ance	çtd u
	att epifauna			herring			skate					ED DES	CRIPTI	ON
	Boltenia tur		-	lobster				erites	spg	-	ripples			y,
	brachiopod			moon s			squid		7	cres		sha	rp	roun
	bushy bry/h		+	musse					B pilu.		ripple tro	ugns		<u> </u>
	juvenile coo cancer crat			ocean	pout astia spg	_	yeilo	wen	cr. spg		ripples partial ver		aravel	y,
	cod	J	+	red end		-					partial ve		giavei	<u> </u>
- +	cunner		+	red hal							lance in		olumn	<u>у.</u>
	dk yellow s	pa		sand d			+				lance on			y,
	Didemnum						-				lance in			_ (ý
	dogfish									SL s	ize:	(sm)	/me	d)
	Eucratea lo			scallop						nos:			-6	de
	Filograna ir	nplexa	+	sculpin						29			210	
	finger spg		+	sea sta							d/drédge		ags	<u>y</u>
	flounder haddock		+	silver h	& fragments	$\rightarrow$					dredge m ent light	arks		<u> </u>
	Haddock		1	Silvern	ake						ant light			y
	Onset Tidbil			ed deg C			m) deg			fference N	deg C o. of photo			
				DS: GO	PRO (3, 3+)		sec ir			cription	·		Filenar	ne
No.	No.			ss	image #	ע)	/D #	-		n photo		Auk201		
1	-							+						
3														
4														
5														
-					Contraction of the second second									

	JISE: USGS				st Dec 1	I EST 33		IAV	).	HD V	RO FV IDEO, I M: 2
SBN	IMS	NOV	2015		,			WD NE			M: 98
1100		Lon		00105				IDEO F	'ILE ⊦		ILLS F
USC STA	4431		ESIZ			DAY - NI	GHT U	763	3		
	EO START / HH MM SS	AT SURF		DEO END A		Sunset	: Nov 30, ST = 2113		QUA 2		NA
$-\overline{\rho}$	<u> </u>	FOT HU	HUL 00					T			GP
	DON ED SMPL	<u> </u>	23540		24		0.561	min	Lon W 70 deg		· ·
SAM		EST HH	MM SS	DPH,	m	Lat N 42 deg	5597	min	Lon W 70 deg	.4(	09
VIDEO	OFP -	EST HH	-	DPH,	m	Lat N	CT 27		Lon W	11 4	212
BEAB	ED I SMPU	12	3616			42 deg /0	.5637	min	70 deg	10.7	263
Lo/H		Lo/H HH N		STALO HH MM	/Hi +/	h		= EST +5		CTD C	AST NO.
NO	SAMPLE pre	e-tripped	; no smpl at	tempted; ja	ws partly o	open; washout	; refusal; f	too grav	velly/she	lly; sm	pl too s
TIDE	AT SCITUATE	MA				T			SA	MPLE	TYPE
						<u> </u>			sed gr	51	temp-l
							1		sand la		ctd up
	att epifauna		herring	eggs	ska				DDESC	RIPT	
	Boltenia tun	ic.	lobster	- 11		erites spg	storm rip	oples			у,
	brachiopod		moon sn	all	squ		crests:	nlo trou	shar	р	round
	bushy bry/h juvenile cod	/a	mussels	N. et		cate, B pilu. ow encr. spg	gvl in rip small rip		igns		y.
_	cancer crab		ocean po Polymas		yen	ow encir. spg	sand pa		eer on o	ravel	<u></u> 
	cod		red encr.	the second se	+ +		gravel p			lavei	<u> </u>
	cunner		red hake		+ +		sand la			lumn	<u> </u>
-	dk yellow sp	a	sand doll				sand la				y.
	Didemnum o						sand lar	nce in s	sed sam	ple	(Yr
	dogfish						SL size	;	smi	me	d
	Eucratea lor	-	scallops				nos:	1	$\leq$		
	Filograna im	plexa	sculpin								
	finger spg		sea stars		_		trawled/			ags	у
	flounder			fragments	+ +		trawl/dre		arks		<u> </u>
	haddock		silver hal	<u>ke</u>			ambient	lignt			у,
	onset TidbiT		abed deg C		ice (-1 m) de		fference deg	_			
DIGI	TAL VIDEO S			RO (3, 3+) @		interval;	No. c	of photos		Filenar	no
No.	No.		(EDT) M SS	image #	DVD #		n photo		Auk201		
1											
3											
4											
5		<b>B</b> 00 5						1	500 - 01	<u></u>	
IEIGH1	f of FWD UPP	'ER GO PF	RO ABOVE SE	ABED =	CM E	DISTANCE BETW	EEN PARAL	LEL LAS	ERS = 20 USGS S	CM	

				DATE			JD EST 33	5	NAV FILE NO			RO FW
	JISE: USGS /				Vle	21		2		· .		AM: 29
SBN	NN S	NOV	2015				_					AM:98:
USC	35	SB	MS	CONS	FC		15				GP ST	
STA		SIT		STATI		2	DAY - NI	GHT	366			
	EO START AT	T SURF		DEO END	AT SUI		Sunset	Nov 3	0, 2015	QUA	D	NAV
EDT	HH MM SS		ED	т нн мм	SS				113 UTC	12		GPS
1	TE	ST HH	MM SS	DP	H, m		at N			Lon W		GPS
	DON SMPL	12	4318	7)	25	> 4	2 deg/D,		min	70 deg	16.0	
SAM		ST~HH_	MINL 35		H, m		at N 2 deg	616	4 min	Lon W 70 deg		73
		<del>ят нн</del> 12,4	and the second se	DPI	H, m	L 4	at N 2 deg / Ø	.628	6 <sub>min</sub>	Lon W 70 deg	16.6	657 r
LOTI	HI TIDE EST	Lo/H	TIDE ES	T STAL	. / Hi	+/-		T		T	CTD C	AST NO.
HH N	MM	HH M	M	HH M		=	h		C = EST +	5 HRS		
NO	SAMPLE pre-	tripped;	no smpl at	ttempted; j	jaws pai	rtly opei	n; washout	; refusa	al; too gra	velly/she	elly; sm	ipl too si
TIDE	AT SCITUATE M	A								SA	MPLE	TYPES
										sed g	rab	temp lo
										sand	ance	ctd upc
	att epifauna		herring	eggs		skate				DESC	CRIPT	ION
	Boltenia tunic.		lobster			Suberit	es spg		ripples			<u> </u>
	brachiopod		moon sr			squid		cres		sha	rp	rounde
	bushy bry/hyd		mussels			the second s	, B pilu.		ripple tro	ughs		<u> </u>
	juvenile cod		ocean p	-	-++	yellow e	encr. spg		ripples partial ve	noor on a	araval	<u>y, C</u>
	cancer crab		Polymas red encr						partial ve		ylavei	<u> </u>
	cunner		red hake						lance in		Jumn	<u> </u>
	dk yellow spg		sand dol						lance on			(V)
	Didemnum co	IS						sand	lance in	sed san	ple	- (y)
	dogfish							SL si	ze:	(sml)	(me	ed)
	Eucratea loric	A REAL PROPERTY AND A REAL	scallops					nos:	40			
	Filograna impl	exa	sculpin		$\rightarrow$							0
	finger spg		sea star			fute	the in		d/dredge		ags	(y
	flounder haddock			fragments		avag	1		dredge m ent light	arks		<u>y</u> ,
	nauuock		silver ha	Ke					nungnu			у,
	) (Onset TidbiT v2	1	abed deg C		face (-1 n			fference				
DIGI	TAL VIDEO STI				@ :	sec inter			o. of photo			<u>-</u>
No.	Cumul. No.	Time ( HH M		JPG image #	DV	D#		cription n photo			Filena   5074_	me sta_img
1												
2												
3												
4												
_	1											
5	17				and the second sec							

HH MM NO SAMPLE TIDE AT SCITU att epifar Boltenia brachiop bushy br juvenile cancer of cod cunner dk yellov Didemni dogfish Eucratea Filogran finger sp flounder haddock Temp (Onset Tr DIGITAL VIDE No. 1	1433	NOV 2	074 015	NOV	e est Dec	)	JD EST 33	5	NAV FILE NO		HD V UP C	PRO FWI VIDEO, F AM: 29
STA UU VIDEO STAR EDT HH MM VIDEO ON SEABED SMP SAMPLE VIDEO OFF SEABED SMP Lo / HI TIDE HH MM NO SAMPLE TIDE AT SCITU IDE AT SCITU IDE AT SCITU IDE AT SCITU IDE AT SCITU DIGITAL VIDE No. Cumul No. 1			.015						FWD N		LO C	AM: 98
VIDEO STAR EDT HH MM VIDEO ON SEABED SMF SAMPLE VIDEO OFF SEABED SMF Lo / HI TIDE HH MM NO SAMPLE TIDE AT SCITU att epifa Boltenia brachiop bushy bi juvenile cancer of cod cunner dk yellov Didemmi dogfish Eucratea Filogran finger sp flounder haddock Temp (Onset Tr DIGITAL VIDE No. Cumul No. 1		SBNN	115 512	CON STAT		3		GHT		:		TILLS FI
SAMPLE SAMPLE VIDEO OFF SEABED SMP Lo / HI TIDE HH MM NO SAMPLE TIDE AT SCITU att epifar Boltenia brachiop bushy bi juvenile cancer C cod cunner dk yellov Didemm dogfish Eucratea Filogran finger sp flounder haddock Temp (Onset Tr DIGITAL VIDE No. Cumul No. 1		SURFA					Sunset		0, 2015	QUA	D	NAV
SAMPLE SAMPLE VIDEO OFF SEABED SMP Lo / HI TIDE HH MM NO SAMPLE TIDE AT SCITU att epifar Boltenia brachiop bushy bi juvenile cancer C cod cunner dk yellov Didemm dogfish Eucratea Filogran finger sp flounder haddock Temp (Onset Tr DIGITAL VIDE No. Cumul No. 1							1613 55	H = 21	113 UTC	<u> </u>		GPS
VIDEO OFF SEABED SMP Lo / HI TIDE HH MM NO SAMPLE TIDE AT SCITU att epifa Boltenia brachiop bushy bi juvenile cancer of cod cunner dk yellov Didemni dogfish Eucrates Filogran finger sp flounder haddock Temp (Onset Tr DIGITAL VIDE No. Cumul No. 1	SMPL	V	0 58	3' )	РН, m 2 5	>	Lat N 42 deg   ()			Lon W 70 deg	16.	
SEABED SMP Lo / Hi TIDE HH MM NO SAMPLE TIDE AT SCITU att epifa Boltenia brachiop bushy bi juvenile cancer o cod cunner dk yellov Didemni dogfish Eucratea Filogran finger sp flounder haddock Temp (Onset Tr DIGITAL VIDE No. Cumul No. 1		T THE M	<u>M_SS</u>		PH, m		Lat N 42 deg	6100	min	Lon W 70 deg		238
HH MM NO SAMPLE TIDE AT SCITU att epifar Boltenia brachiop bushy br juvenile cancer of cod cunner dk yellov Didemni dogfish Eucratea Filogran finger sp flounder haddock Temp (Onset Tr DIGITAL VIDE No. 1		т ни мі 1301		D	PH, m		Lat N 42 deg    / º	.6113	min	Lon W 70 deg	16.7	494 r
TIDE AT SCITU att epifa Boltenia brachiop bushy bi juvenile cancer o cod cunner dk yellov Didemni dogfish Eucratea Filogran finger sp flounder haddock Temp (Onset Tr DIGITAL VIDE No. 1	TIDE EST	Lo/Hi HH MM	TIDE ES	ST STA HH I	Lo / Hi VM	+/-	, hr		C = EST +	5 HRS	CTDC	AST NO.
att epifa Boltenia brachiop bushy bi juvenile cancer o cod cunner dk yellov Didemni dogfish Eucratea Filogran finger sp flounder haddock Temp (Onset Tr DIGITAL VIDE No. 1	<b>NPLE</b> pre-tr	ripped; r	io smpl a	attempted	; jaws pa	artly op	en; washout	; refusa	al; too gra			
Boltenia brachiop bushy bi juvenile cancer o cod cunner dk yellov Didemni dogfish Eucrates Filogran finger sp flounder haddock Temp (Onset Tr DIGITAL VIDE No. Cumul No.	SCITUATE MA	A								S/	AMPLE	TYPES
Boltenia brachiop bushy bi juvenile cancer o cod cunner dk yellov Didemni dogfish Eucrates Filogran finger sp flounder haddock Temp (Onset Tr DIGITAL VIDE No. Cumul No.										⊥ sed g	rab	temp lo
Boltenia brachiop bushy bi juvenile cancer o cod cunner dk yellov Didemni dogfish Eucrates Filogran finger sp flounder haddock Temp (Onset Tr DIGITAL VIDE No. Cumul No.										ند م	lance	ctd upo
Boltenia brachiop bushy bi juvenile cancer o cod cunner dk yellov Didemni dogfish Eucrates Filogran finger sp flounder haddock Temp (Onset Tr DIGITAL VIDE No. Cumul No.	epifauna		herring	eggs		skate			SEAB	ED DES	CRIPT	ION
bushy bi juvenile cancer c cod cunner dk yellov Didemni dogfish Eucratea Filogran finger sp flounder haddock Temp (Onset Ti DIGITAL VIDE No. Cumul No.	tenia tunic.		lobster			Suber	ites spg	storm	ripples			У,
juvenile cancer of cod cunner dk yellov Didemm dogfish Eucratea Filogran finger sp flounder haddock Temp (Onset Tr DIGITAL VIDE No. Cumul No. 1	chiopod		moon s	nail		squid		cres		sha	arp	rounde
Cancer of cod cunner dk yellov Didemni dogfish Eucratea Filogran finger sp flounder haddock Temp (Onset Ti DIGITAL VIDE No. Cumul No.	shy bry/hyd		mussel				ite, B pilu.		ripple tro	ughs		<u> </u>
cod       cunner       dk yellov       Didemni       dogfish       Eucratea       Filogran       finger sp       flounder       haddock   Temp (Onset Tri DIGITAL VIDE No.       No.       1	enile cod		ocean			yellow	encr. spg		ripples_			
cunner       dk yellov       Didemmi       dogfish       Eucratea       Filogran       finger sp       flounder       haddock   Temp (Onset Tri DIGITAL VIDE No.       No.       1				istia spg					partial ve		grave	
dk yellov       Didemni       dogfish       Eucratea       Filogran       finger sp       flounder       haddock         Temp (Onset Tri       DIGITAL VIDE       No.       1	and the second sec		red end						l paveme lance in		olumr	<u>y,</u> y, (
Didemni dogfish Eucratea Filogran finger sp flounder haddock Temp (Onset Ti DIGITAL VIDE No. Cumul No. 1			red hak				·		lance on			<u> </u>
dogfish Eucratea Filogran finger sp flounder haddock Temp (Onset Ti DIGITAL VIDE No. Cumul No. 1			Sand ut	Jilais					lance in			- 15
Eucratea Filogran finger sp flounder haddock Temp (Onset Ti DIGITAL VIDE No. Cumul No. 1							<u> </u>	SL si		sml		y, y, ed
Filogran finger sp flounder haddock Temp (Onset Ti DIGITAL VIDE No. Cumul No.	cratea lorica	ata	scallop	S				nos:	5.14	and.	4 à	ead
finger sp flounder haddock Temp (Onset Tr DIGITAL VIDE No. Cumul No. 1	grana imple		sculpin							11 /	7	ning
Temp (Onset Ti DIGITAL VIDE No. Cumul No. 1			sea sta	rs					ed/dredge		rags	$(\mathbf{y})$
Temp (Onset Ti DIGITAL VIDE No. Cumul No. 1				k fragmer	its				dredge m	iarks		<u> </u>
DIGITAL VIDE No. Cumul No. 1	ldock		silver h	ake				ambie	ent light		<u>.</u>	<u>y,</u>
No. Cumu No. 1			ed deg C		Surface (-1	m) deg ( sec inf		fference N	deg C o. of photo			
1		Time (E		JPG	T	/D #	Des	cription		<u> </u>	Filena	
	No. I	HH MM	SS	image #			<u>√</u> = i	n photo	)	Auk20	15074	_sta_im(
2												
3												
4 5								_			1 mm	
				-					I			

Ì

.

	JISE: USGS AU	K2015074		est Dec 1	JD EST 37		10. I	GO PRO FWD ID VIDEO, FIL JP CAM: 2916
		107 2015				FWD N VIDEO		O CAM: 9834
USC STA	s 4434	SBNMS SITE SI	2 CONSE STATIC		DAY - NI		M: C	SP STILLS FILE
	EO START AT S		VIDEO END A		Sunset	: Nov 30, 2015	QUAD	NAV
	LECT	THH MM SS	- DOU			ST = 2113 UTC		GPS
	BED I SMPL	31730		25	Lat N 42 deg / ()	/ -		16.681 mi
SAM		HH MM SS	DPH	, m	Lat N 42 deg	-6439 min	Lon W 70 deg	•6731 mi
VIDEO	DOF	HH MM SS 31802	DPH	, m	Lat N 42 deg /0.	6485 min	Lon W 70 deg (	-6869 mi
Lo/H		Lo/Hi TIDEE HH MM	STA Lo		— — h	UTC = EST		TD CAST NO.
NO	SAMPLE pre-trip	oped; no smpl	attempted	ws +			aveliy/shelly	/; smpl too sm
TIDE	AT SCITUATE MA	NO	SMPL				SAM	PLE TYPES
		100	SWAPL				sed grat	b temp logr
							sand lar	ctd upcas
	att epifauna	herrin	g eggs	ska	ate	SEAE	BED DESCR	RIPTION
	Boltenia tunic.	lobste			berites spg	storm ripples		<b>y</b> , n
	brachiopod	moon		sq	and the second se	crests:	sharp	
	bushy bry/hyd	musse			icate, B pilu.	gvl in ripple tr	ougns	<u> </u>
	juvenile cod	ocean		yei	low encr. spg	small ripples sand partial v		<u>(y,) n</u> avel y r
	cod		astia spg Icr. spg			gravel pavem	the second se	y, r
	cunner	red ha				sand lance in		
	dk yellow spg	v sand o				sand lance o		
	Didemnum cols				*	sand lance ir		
	dogfish					SL size:		med lg
	Eucratea loricata	a scallo	os	T I		nos:		
	Filograna implex	a sculpii	1					
	finger spg	sea st				trawled/dredg		gs yr
	flounder		& fragments			trawl/dredge r	marks	<u>y</u> , ı
	haddock	silver	hake			ambient light		<u> </u>
	o (Onset TidbiT v2): TAL VIDEO STILL	Seabed deg C		ace (-1 m) d ററ്റം sec	eg C ; Di interval;	fference deg C No. of phot	08 =	
	Cumul. T	ime (EDT)	JPG	DVD #	Des	cription	Fi	lename
No.	No. H	H MM SS	image #		v = 1	n photo	Auk2015	074_sta_img a
No.								
No. 1 2								
1							/	
1 2								
1 2 3 4								
1 2 3 4 5	T OF FWD UPPER C T OF FWD LOWER ( ALENTINE, USGS COA		SFARED =	СМ		EEN PARALLEL L	ASERS = 20 C	M

CRL SBN	JISE: USGS	AUK201 NOV		DATE NOV	EST	= 1	JD EST 33	35	NAV FILE NC		HD \	PRO FW /IDEO, F AM: مح
JDN			2013						FWD N VIDEO I		LO C	AM: 98
USC STA		SBN SITE	MS 512	- CONS		5	DAY -NI	GHT	UP CAM	: [	GP S	TILLS FI
	EO START AT	T SURF	-	DEO END		JRFAC	Sunset				D	NA
	<u> </u>											GPS
	DON BED I SMPL		912	2)	H, m	2	Lat N 42 deg( ()					646
SAMI	PLE	ST_HH_N			H, m		42 deg	6167	min	Lon W 70 deg	•69	f00 
	DOFF	<del>st нн м</del> 132	nm ss 946	DPI	H, m		Lat N 42 deg <i>10</i> .	.6219	min	Lon W 70 deg	16.6	6527-r
LOTH HH N		Lo/Hi HH MM	TIDE ES	STALC		+/-	•h		C = EST +	5 HRS	СТВ С	CAST NO.
NO	SAMPLE pre-	tripped;	no smpl a	attempted; j	aws p	artly op	en; washout	; refusa	al; too grav	velly/she	lly; sn	npl too s
TIDE	AT SCITUATE N	1A		(	01					SA	MPLE	E TYPES
		/ /	VO	Sm	PL					sed gr	ab	temp to
										sand la	ance	ctd upo
	att epifauna		herring	eggs		skate				D DESC	RIPT	
	Boltenia tunic		lobster			-	rites spg	+	ripples			у, ζ
	brachiopod		moon s		$\rightarrow$	squid		cres		sha	rp	rounde
	bushy bry/hyd		mussel		$\rightarrow$		ate, B pilu.		ripple trou	ughs		<u> </u>
	juvenile cod		ocean p		$\rightarrow$	yellov	v encr. spg		ripples		roval	<u> </u>
	cancer crab		the second s	stia spg	$\rightarrow$				partial ver I pavemer		jiavei	
	cunner		red enc		$\rightarrow$				lance in v		lumn	<u> </u>
	dk yellow spg		sand do			mar	114		lance on			- A
	Didemnum co		Sand ut		-	a-t	19 -7		lance in s			<u> </u>
	dogfish	10	+			100	unting.		ze:			
	Eucratea lorio	ata	scallops	 S	-	-96~	in party	nos:				
	Filograna imp	-	sculpin	the second se	+		#					
	finger spg		∠sea sta			t	1. 0	trawle	d/dredge	d shell fra	ags	(y)
	flounder	V		fragments	;	Ludg	THE		dredge ma			<u> </u>
	haddock		silver h			J	1	ambie	ent light			у,
	o (Onset TidbiT v TAL VIDEO ST		bed deg C TOS: GO			l m) deg sec int		fference No	deg C o. of photos	s =		
No.	Cumul. No.	Time (I HH MM		JPG image #	D۱	VD #		cription n photo			Filena 5074	ame _sta_img
1	<u>†                                    </u>			<del>_</del>								
2												
3												
				8								
4							12					

	UISE: USG NMS				DATE	EST Dec	)	E	ID IST 33	5	NAV FILE NO		HD V UP C	PRO FW /IDEO, F AM: 29
386	NNIS	NC	)V 1	2015							FWD M	<u>(</u>	LO C	AM: 98
USC	29	<b>S</b>	BN	21	CONS	SEC.		+	$\sim$		VIDEO	FILE		TILLS FI
STA	443k	) <mark>S</mark>	ITE	517	STAT	ION	16			GHT		_		
	EO START HH MM SS		RFA		DEO END		JRFAC	E	Sunset:					NA
									1613 ES	$51 = 2^{\circ}$	113 UTC	6	-	GP\$
	O ON BED SMPL	EST H			T) DP	чн, m 7.(		La 42	tN deg/O	.61	2 min	Lon W 70 deg		680
SAM	PLE	EST H	H-M	MSS	DP	PH, m		La 42	t N deg '	6104	f min	Lon W 70 deg		.99
		EST H		A	DP	ΥH, m		Lat 42	t N deg /Ø	6142	2 min	Lon W 70 deg	16.6	882,
Lo			<u> / 0</u> / Hi	TIDE ES	<del></del>					Т				CAST NO.
НН			MM		'STAL HH M		+/-	=	hr		C = EST +	5 HRS	0.00	
NO	SAMPLE p	re-trippe	ed; r	no smpl a	ttempted;	jaws p	artly or	pen;	washout	; refusa	al; too gra	velly/she	elly; sn	npl too s
TIDE	AT SCITUATI	E MA						-				SA	MPLE	E TYPES
-			_					_				sed g	rab	temp lo
												sand	lance	Ctd up
	att epifauna	a		herring	eggs		skate	è			SEABE	ED DES	CRIPT	ION
	Boltenia tu			lobster			Sube	rites	s spg	storm	ripples			у,
1	brachiopod			moon sr	nail		squid	1		cres	ts:	sha	rp	round
	bushy bry/h	hyd		mussels			tunica	ate,	B pilu.		ripple tro	ughs		У,
	juvenile co	d		ocean p	out		yellow	w er	ncr. spg		ripples			<u>    (Y.)</u>
	cancer cral	b		Polymas	stia spg					sand	partial ve	neer on	gravel	<u> </u>
	cod			red encr	spg						l paveme			у,
	cunner			red hake	9		T			sand	lance in	water co	olumn	і <u>У</u> ,
	dk yellow s	pg	V	sand do	lars	T				sand	lance on	/in subs	strate	$\overline{\mathbf{v}}$
	Didemnum	cols									lance in			<b>y</b> ,
	dogfish									SL si	ze:	sml	(m	ed)
	Eucratea lo	oricata		scallops			T			nos:	7 ku	9.4	100	and -
	Filograna ir	mplexa		sculpin			1					11		
	finger spg			sea star	S		T		-	trawle	ed/dredge	d shell fi	rags	У.,
	flounder			shells &	fragments	s		-		trawl/	dredge m	arks		у,
	haddock			silver ha			1			ambie	ent light		-	<u>y.</u>
Temj	p (Onset Tidbi	T v2):	Seab	ed deg C	; Su	urface (-1	l m) deg	с	; Di	fference	deg C			
DIGI						)@	sec in	terva			o. of photo	s =		
No.	Cumul. No.			DT) SS	JPG image #	יס	VD#			cription n photo		Auk20 <sup>-</sup>	Filena 15074	ame _sta_im
1														
2														
1														
3	++					1								
3						-								
								-			RALLEL LA			

	ISE: USGS A				EST )ec		JD EST 33	35	NAV FILE NO	Э.	HD \	PRO FW /IDEO, I AM: 20
SBN	S	NOV SBN SITE	MS			7 (	DAY-N	IGHT	FWD N VIDEO UP CAN	FILE I:	LOC	AM: 9 8
	EO START AT			DEO END	AT SL	JRFACI			3 <i>6</i> 0, 2015	QUA		NA
EDT	HH MM SS		EC	DT HH MM :	55				113 UTC	2	.	GP
VIDEC	ED / SMPL	<u>т нн п</u> 357	1M 56 52	DPI	<sup>1, m</sup> 2 5		Lat N 42 deg /(	0.60	7 min	Lon W 70 deg	16.	
SAMF	-	T HH N	IM_S8	DPI	i, m		Lat N 42 deg	6049	min	Lon W 70 deg	-	(13
VIDEC	OFF	т нн N 135	1M SS 230	DPI	l, m		Lat N 42 deg     / C	0.6117	min	Lon W 70 deg	16.	6243
Lo/F HH N		Lo/Hi HH MM		T STALC		+/-		urs UT	C = EST +	5 HRS	CTD	CAST NO.
NO S	SAMPLE pre-t	ri <b>pped;</b>	no smpl a	attempted; j	aws pa	artly op	en; washou	ıt; refusa	al; too gra	velly/sh	elly; sr	npl too ຄ
TIDE	AT SCITUATE MA	4								S	MPL	E TYPE
										sed g	rab	temp lo
										sand	lance	ctd up
	att epifauna		herring	eggs		skate			SEAB	ED DES	CRIP	ΓΙΟΝ
	Boltenia tunic.		lobster			The second se	ites spg		ripples			У,
	brachiopod		moon s			squid		cres		sha	arp	round
	bushy bry/hyd		mussels		_		te, B pilu.	Aug. 10. 10. 10. 10.	ripple tro	ugns		У
	juvenile cod	<del> </del>	ocean p			yellow	encr. spg		ripples partial ve		arave	<u> </u>
	cancer crab		red enc	stia spg r_sog				and the second se	el paveme		giave	y,y, y,
	cunner		red hak		_				lance in		olumi	
	dk yellow spg		sand do						lance or			د جسکی
	Didemnum col	S						sand	lance in	sed-sar	nple	Q.
	dogfish			_	Ī			SL s	ize:	(sml	n	ied
	Eucratea lorica	and the second se	scallops	The second se				nos	5			
	Filograna imple	exa	sculpin		_							
	finger spg		sea sta			2.7	1 100		ed/dredge		rags	(Y)_
	flounder haddock	¥	shells a silver ha	fragments		avin	176		dredge m ent light	larks		<u> </u>
Temp	) (Onset TidbiT v2) TAL VIDEO STII		bed deg C	; Su		m) deg ( sec inte		Difference		9S =		_
No.	Cumul. No.	Time (I HH MN		JPG image #	D۱	/D #	De	scriptior in phote	ן ו	Auk20	Filen: 15074	ame sta im
1	110.		. 00	inaye #				in prior	-	, unz0		
2												
3												
4												
5									RALLEL LA			
	OF FWD UPPER			THAT IS NOT THE	CM							

Ì

	UISE: USGS A			DATE	est De	re/	JD EST 3	35	NAV FILE NO	D.	GO PR HD VIC UP CA	DEO, I
	NMS	NOV	2015						FWD W		LO CAI	N:98
USC	S. C.C.	SBN	MS -	CONS	EC.				VIDEO UP CAM	1	GP STI	*
STA	ss 4438	SITE		STATI		18	DAY	NGHT	37			
	EO START AT HH MM SS	SURF/	ACE VID EDT	EO END HH MM		JRFAC	Sunse	et: Nov 3	<b>30, 2015</b> 113 UTC	QUA	D	NA
				1				_01 - 2	110 010	6		GP
		140	1M SS 400		H, m 25		Lat N 42 deg / C	2.60	7. min	Lon W 70 deg	16.5	99
SAM				DPI	H, m		Lat N 42 deg	-605	9 min	Lon W 70 deg	.59	46
VIDEO	O OFF BED / SMPL	т нн N 4 64	im ss f 3 4	DPI	H, m		Lat N 42 deg /	0.610	5 min	Lon W 70 deg	16.60	36
E6/I HH N		Lo/Hi HH MN	TIDE EST	STA Lo HH MM		+/	· · · · · · · · · · · · · · · · · · ·	hrs UT	'C = EST +	5 HRS	CTD CA	ST NO.
NO	SAMPLE pre-ti	ripped;	no smpl att	empted; j	aws p	artly op	en; washo	ut; refus:	al; too gra	velly/she	lly; smp	l too s
TIDE	AT SCITUATE MA	•								SA	MPLE	YPE
_		-						- 42		sed gr	57	
										sand l		ctd upo
	att epifauna		herring e	eggs		skate				ED DESC	RIPTIC	
	Boltenia tunic.		lobster				rites spg		ripples			<u>y, (</u>
	brachiopod		moon sna	ail	_	squid		cres		sha	rp	rounde
	bushy bry/hyd		mussels				ite, B pilu.		ripple tro	ughs		<u> </u>
	juvenile cod		ocean po	Contraction of the local division of the loc	_	yellow	encr. spg		ripples			<u>у. (</u>
	cancer crab		Polymast		_				partial ver		gravel	у,
	cod		red encr.	spg	-+				l paveme			у,
	cunner		fed hake						lance in			<u>y</u> ,
	dk yellow spg	<u> </u>	sand doll	ars	_	ļ		-	lance on			
	Didemnum col	s	+			l			lance in		A COLORADO AND A COLO	<u>.</u>
	dogfish	_	· · · · ·		$\rightarrow$				ze:	sml	mec	
	Eucratea lorica		scallops					nos:	139,1	at 1	me+	ya
	Filograna imple	exa	sculpin					_				~
	finger spg		∠sea stars			1	-fr		ed/dredge		ags	<u>(Y)</u>
	flounder	$\sim$	shells & f			wan	WU_		dredge m	arks		<u> </u>
[L	haddock		silver hak	e			<u> </u>	ambi	ent light			<u> </u>
Temp	p (Onset TidbiT v2)	: Seat	oed deg C	; Sur	face (-1	m) deg (	<u>;</u>	Difference	deg C			
DIGI					@ 	sec int	-		o. of photo			
No.		Time (E HH MN		JPG mage #	D\	/D #		scription in photo		Auk201	Filenam 5074_s	
1											2.03	
2							1					
4							1					
	+			-			1					
5												

	JISE: USGS			DATE NOV	Decl	J	D st 33	5	NAV FILE NO		HD \	PRO FV /IDEO, I AM: 24
SBN	IMS	NOV	2015			1			FWD 🕅			AM:98
1100		Len		CONC		-			VIDEO			TILLS F
USG STA	1111 71	SBN SITE	512				DAY - NI	GHT	UP CAM	l: /	Gr a	
	EO START A	AT SURF		DEO END		ACE			<b>0, 2015</b> 113 UTC		AD	NA
	~ _	EST HH I	VM SS	001	1, m							GP
VIDEC	ED I SMPL	(141)	920	)	25		deg 🖉 .			Lon W 70 deg	16	615
SAMI		est_hh_i	VIM_SS	DPI		La1 42	deg	63(0	min	Lon W 70 deg		97
VIDEC	OFF	EST HH	-	DPI	ł, m	Lat		1.01		Lon W	16.6	175
SEAB	ED I SMPL	1410	152			42	deg /Ø	.636.	3 min	70 deg		
Lo/F HH N		Lo/Hi HH Mi		T STALC			hr		'C = EST +	5 HRS	CTD	CAST NO.
NO S	SAMPLE pre	e-tripped;	no smpl a	ittempted; j	aws partly	open;	washout	; refusa	al; too gra			
TIDE	AT SCITUATE	MA								S	AMPLI	E TYPE
										sed g	irab	temp k
											lance	dtd up
<b>T</b> - T	att epifauna		herring	0008	ska	ato		<u> </u>	SEAR	ED DES		
	Boltenia tuni	ic	lobster	ะบูบูร		berites		storm	ripples			y, I
_	brachiopod		moon si	nail	squ	the second se	, opg	cres		sha	arp	round
	bushy bry/hy	/d	mussels				B pilu.		ripple tro			<u>У</u> ,
	iuvenile cod		ocean p				ICF. SPg		ripples			У. (
	cancer crab			stia spg				sand	partial ve	neer on	grave	у, `
	cod		red enc						l paveme			у,
	cunner		red hak					and the second se	lance in			<u>y</u> , (
	dk yellow sp		sand do	llars					lance on			<u> </u>
	Didemnum o dogfish	cols	+			·			lance in ize:			ed 🔰
	Eucratea lor	icata	scallops	•						0 T		
	Filograna im		sculpin	<u> </u>				1103.	-211	4	-5	
-	finger spg	piena	sea star	s	-+	,		trawle	ed/dredge	d shell f	rags	N
	flounder			fragments	del	9/f	Ú.		dredge m			Y.
	haddock		silver ha			11	÷	ambi	ent light			<u>у</u> ,
Temp	(Onset TidbiT	v2): Sea	bed deg C	; Sur	face (-1 m) d	eg C	; Di	fference	deg C			
DIGI	TAL VIDEO S				@ sec	; interva			o. of photo	s =	-	
No.	Cumul. No.	Time (I HH MM		JPG image #	DVD #			cription n photo		Auk20	Filena 15074	ame _sta_im
1						_						
2												
4												
5												
				EABED =	CM				RALLELLA			10N44

	JISE: USG					EEST	z	_	E	ID IST 32	5	NAV FILE N		HD	PRO I VIDEC CAM:
SBL	MS	NC	DV 20	015					T			FWD M	ON-HD	LOO	CAM:0
USG	29		BNM	<u>c</u>	0	ISEC.		-	-	$\frown$		VIDEO		4	STILLS
STA			ITE	<u> </u>		TION		20		DAY NI	GHT	UP CAN 37			
	EO START HH MM SS	AT SU	RFAG		DEO EN		SL	JRFAC	E			30, 2015	QU/ 2		N
					-					1613 E	ST = 1	2113 UTC			G
VIDE	DON BED I BMPL	EST H		1 20		<b>ОРН, т</b> 2	5	-	La1 42	deg ( O	1.61	) min	Lon W 70 deg	1.0	601
SAM	PLE	EST-H	H_MM	SS		OPH, m			Lat 42	t N deg	.610	2. min	Lon W 70 deg	. (	6028
-	~	EST H	H MM	22		OPH, m			Lat	• N			Lon W		
	DOFF			54						deg /o,	612	o min	70 deg		6077
			-						_	acg i - /			. o acg		
Lo/H HH M			/ Hi MM	TIDE E	ST STA	Lo / Hi MM	i	+/-		h	rs U	TC = EST +	5 HRS	CID	CASTIN
NO	SAMPLE pi	re-trippe	ed; no	o smpl	attempted	d; jaws	s pa	artly op	en;	washout	t; refu	sal; too gra	velly/sh	elly; si	mpl to
TIDE	AT SCITUATE	MA											SA	MPL	ETYP
Ļ			_						-				sed g	rab)	tepa
													sand	lance	ctd
	att epifauna	a – '	П	herring	g eggs			skate				SEAB	ED DES	CRIP	TION
	Boltenia tur			lobster				Sube	rites	spg	stori	n ripples			у
	brachiopod			moon s	snail			squid			cre	sts:	sha	arp	rou
	bushy bry/h			musse	ls					B pilu.	gvl i	n ripple tro	ughs		
	juvenile coo	-		ocean	and the second se			yellov	v en	cr. spg		ll ripples			
	cancer crab	)			astia spg		_					l partial ve		grave	
$\rightarrow$	cod			red en								el paveme			
-	cunner dk volkow a	20	_	réd hal sand d	-							d lance in d lance or	in the second		
	dk yellow s Didemnum		V	sariu u	Ullais		_				_	d lance in			-7
	dogfish	0013	+				_					size:			ned
	Eucratea lo	ricata		scallop	S						nos		ve 11		6 J
	Filograna in	the state of the s		sculpin								1	7	1. m	1
	finger spg		ΙL	sea sta	ars				. 1	1 A		led/dredge		rags	$\overline{C}$
	flounder				& fragme	nts		dr. l	6.[1	VI.		l/dredge m	arks		
	haddock			silver h	ake				<u> </u>		amb	ient light			
Temp	o (Onset TidbiT	[ v2):	Seabe	d deg C	•	Surface	(-1	m) deg	c	; Di	fferenc	e deg C			
DIGI	TAL VIDEO S	STILL PI	юто	S: GO	PRO (3, 3	+)@		sec int	ierva	al;	1	No. of photo	s =		
No.	Cumul. No.		e (EC MM		JPG image i	ŧ	D٧	/D #			criptio n phoi		Auk20	Filena 15074	
1															
2						1			+						
3															
4															
5															
0												the second se	SERS = 20		

	UISE: USG NMS		2015 DV 2		NOV	est D <i>-lc</i>	.1	JD EST 33	,5	NAV FILE NO		GO PI HD VI UP CA	DEO,
30	ININ'S	NU	/V Z	015						FWD N		LO CA	M: 99
US	GS	Ts	BNM	2	CONSI	EC		10		VIDEO UP CAM		GP ST	
ST.	<u> 444</u>	S	ITE	512	STATIO	NC	21		GHT	37	13		
	DEO START	AT SUI	RFA		DEO END		JRFAC	Sunset		<b>0, 2015</b> 113 UTC	QUA		NA
					T								GP
	BED SMPL		15	736	6 DPH	l, m 2	5	Lat N 42 deg / {	0.68	7 min	Lon W 70 deg	16.1	697
SAN	NPLE	EST HI	HMN	I SS	DPH	l, m		Lat N 42 deg	.682	4 min	Lon W 70 deg	-68	76
		EST HI	н ми 5%		DPI	l, m		Lat N 42 deg 10	.691	3 min	Lon W 70 deg	(6.70	008
101				TIDE ES	T		. /		T			CTD CA	ST NO
нн			MM	1102 20	STA Lo HH MN		+/	_	UT	C = EST +	5 HRS		
NO	SAMPLE p	re-trippe	ed; no	o smpl a	ittempted; j	aws p	artly op	pen; washou	t; refusa	al; too gra			
TIDE	E AT SCITUATI	E MA									SA	MPLE	TYPE
											(sed gi	rab	temp l
											sand		ctd up
h	att epifauna			herring	eaas		skate	<u> </u>		SEABE	ED DES	RIPTIC	
i H	Boltenia tu			lobster	0990	_		rites spg	storm	ripples	D DLO		<b>y</b> ,
	brachiopod			moon si	nail	_	squid	the second se	cres		sha	rp	round
	bushy bry/h	and the second se		mussels				ate, B pilu.	gvl in	ripple troi	and the second se		<b>y</b> ,
	juvenile co	đ		ocean p	out		yello	wencr.spg		ripples			<u>(у</u> ,
	cancer crat	2		Polyma						partial ver		gravel	у,
	cod			red enc						l paveme			<u> </u>
	cunner			red hak						lance in tance on			y,
	dk yellow s Didemnum		<b> </b> • +	sand do	mars					lance in			$-\frac{\mathbf{v}}{\mathbf{v}}$
	dogfish	0013	┼─┼						-	ze:	smi	me	
	Eucratea lo	ricata	+	scallops					nos:	3114	29'4		ea
	Filograna ir			sculpin							451		
	finger spg			sea star				1. 1		ed/dredge		ags	$\mathcal{O}$
	flounder				fragments		As'de	<u>5 / <del>f</del> v l</u>	_	dredge m	arks		<u> </u>
	haddock		i	silver ha	ake			['	ambie	ent light			у,
Tem	p (Onset Tidbi⊺	r v2):S	Seabe	d deg C	; Sur	face (-1	m) deg	<u>C ; D</u>	ifference	deg C			
DIG						@	sec in	terval;		o. of photo:			
No.	Cumul. No.	HH	e (EI MM		JPG image #	D\	/D #	Des √=i	cription n photo		Auk201	Filenan 5074_s	
1													
3						2			2				
4													
5													
	IT OF FWD UP	PER CO I	PRO	ABOVE SI	EABED =	CM	DI	STANCE BETW	FEN PAR	RALLEL LAS	SERS = 20	CM	

