

TRIP REPORT
05-CSP-1A
R/V Medeia Aug. 2005

The R/V Medeia is a State of Alaska research boat that was under contract to the Auk Bay NMFS Lab. Auk Bay graciously agreed to our piggy backing on their cruise to deploy the Cross Sound mooring. Dave Clausen and Joe Orsi of Auk Bay NMFS Lab were extremely helpful in coordinating shipping, loading, accommodations and travel for this trip.

The Medeia is available for contract work at a rate of \$4500 per day. The vessel has a main articulating crane, a pot hauler, a net reel and two small trawl winches. The trawl winches do not have line counters, each wire is marked to determine wire out.

The mooring equipment was shipped to NMFS Subport in Juneau and loaded aboard the Medeia prior to my arrival. At 0830 on Aug. 10th we left the dock and steamed for Cross Sound arriving at the mooring location at 1930 hours on Wed. Aug. 10th (local time).

A brief survey of the bottom depth was conducted to locate a depth of approximately 300 meters. The 75 Khz ADCP mooring was set up on deck and deployed anchor first in two picks using the main crane on the vessels back deck. Following the deployment we steamed toward Elfin cove where prior arrangements had been made for a small boat pick up and transit to the Cross Sound Lodge in Elfin cove. The mail plane stops in Elfin Cove once or twice a day weather depending. It only holds 1500 lbs of cargo and or people. During the summer months there are a number of people coming and going to the fishing lodges at Elfin Cove so space is limited on the plane. The owners of Cross Sound Lodge do take a boat to Juneau on occasion but is an 80 mile one way trip and very weather dependent.

0438 GMT 11 Aug. 2005 mooring 05-CSP-1A was deployed in 304 meters of water at 58 degrees 09.826 N and 136 degrees 34.163 W.

Wm. Floering

William.floering@noaa.gov

206-526-6480

Mooring I.D.: 05CSP-1A Deployment date (L): 10 Aug 2005
 Cruise No: _____ Actual deployment depth (m): 307 m
 Project: _____ Est. deployment depth (m): 300
 Ship: MEDEIA Time of release: 0438 GMT
 Chief Sci: Floering Time on bottom: _____
 Timekeeper: Floering Position _____
 CTD cast no.: none GPS latitude: 58° 09.826 N
 Bottom temp: _____ GPS longitude: 136° 34.163 W
 Magnetic variation: 0.0°

INSTRUMENT	SERIAL NUMBER	DEPTH (M)		TIME ON		DEPLOYMENT		RECOVERY		TIME OFF	
		Actual	Est	JD	Time	JD	GMT Time	JD	Time	JD	Time
RDI 75 KHz ADCP/cage	1883		290	222	12:00:00	223	0438				
Microcat/SG	2337		292			223	0438				

RECOVERY				FLOATS	Top	Mid	Bottom
Cruise number:				Type:	Float Tech	McLane	
Time released fm anchor:				Size:	40"	30"	
Recovery time at surface:				S/N:	2841-3	30-45	
CTD cast number:				Color:	orange	yellow	
				Depth (m):			

RELEASE	PRIMARY	SECONDARY
Type: <u>EGG</u>		
Serial Number: <u>020284</u>		

Comments:

ACOUSTIC RELEASE DATA

TYPE	SER NO	PROJECT	New Battery	RECOVERY	COMMENTS	
8242	020284		7/19/2005		NEW 05-08-96	
	INTERROGATE FREQ	11.0 KHZ	MECHANISM	ROTARY	TRANSPONDER	YES
	REPLY FREQ	10.0 KHZ			ENABLE/DISABLE	YES
	CMD 1/A CODE-FUNCTION-REPLY				624531 - RELEASE - VERT 16 P; HORIZ 8 P @ 1 SEC INTERVAL	
	CMD 2/B CODE-FUNCTION-REPLY				603666 - DISABLE - VERT 16 P; HORIZ 8 P @ 2 SEC INTERVAL	
	CMD 3/C CODE-FUNCTION-REPLY				603717 - ENABLE	
	CMD 4/D CODE-FUNCTION-REPLY					

ADDITIONAL COMMENTS:

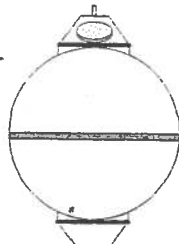
Rubber Boot

Cross sound

COBB

290 METER

75 KHZ-ADCP
40" SYNTACTIC FLOAT



1/2" SAS

1 METER CHAIN

1/2" SAS

292 METERS

MICROCAT

1/2" SAS

1 METER CHAIN

5/8" SAS



30" FLOAT

5/8" SAS

2.75 METERS CHAIN

5/8" SAS

EG&G RELEASE

5/8" SAS

1.5 METER CHAIN

5/8" SAS



1400 POUND ANCHOR

INSTRUMENT	DEPTH M	SN
75KHZ ADCP	290	
MICROCAT	292	
BOTTOM	300	



NOAA-PMEL-FOCI

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MOORING: 05CSP-1A

LOCATION:

DRAWN BY: Rick Miller	DATE: 29 JUNE 2005
	DATE:

