

Deep-towing investigations including environmental measurements

Towing log

日付 Date	時間 Local Time	内容 Note	特記事項 Description		本船位置 / 気象 / 海況 Position/Weather/Wind/ Sea condition	内容(日本語)
5-Aug-12		Submarine Canyon off MIYAKO site and 39N site			8/5 12:00 (UTC+9h)	宮古沖海底谷 サイト 39N サイト
	4:30	Finish drifting			39-26.0'N, 142-17.0'E	ドリフト終了
	6:58	Launch YKDT (YKDT#151dive)			Off SANRIKU	YKDT(151dive)潜航開始
	7:33	YKDT Lands and start towing (782m)	39.42114	142.34889	SSE-4(Moderate breeze)	YKDT 着底
	10:13	YKDT Finding Rope (699m)	39.42789	142.31214	3 (Sea slight)	YKDT ロープ確認
	10:18	YKDT Finding Rope (700m)	39.42777	142.31111	1 (Low swell short or Average)	YKDT ロープ確認
	11:28	YKDT Finding Rope (625m)	39.43100	142.29284	Visibly: 6'	YKDT ロープ確認
	11:38	YKDT Finding Rope (628m)	39.43147	142.29075		YKDT ロープ確認
	12:48	YKDT Finding Rope (562m)	39.43383	142.27596		YKDT ロープ確認
	12:53	YKDT Finding Rope (558m)	39.41730	142.27508		YKDT ロープ確認
	12:57	YKDT Finding Rope (550m)	39.43382	142.27413		YKDT ロープ確認
	13:01	YKDT Finding Rope (544m)	39.43386	142.27340		YKDT ロープ確認
	13:05	YKDT Finding Rope (531m)	39.43377	142.27258		YKDT ロープ確認
	13:31	YKDT Finding Net (514m)	39.43497	142.26652		YKDT 漁網確認
	13:35	YKDT Finding Rope (514m)	39.43520	142.26567		YKDT ロープ確認
	13:40	YKDT Finding Net (496m)	39.43556	142.26457		YKDT 漁網確認
	15:50	YKDT Release Dredger (329m)	39.44224	142.21443		YKDT 採泥器投下
	16:00	YKDT Leaves the bottom(320m)	39.44216	142.21204		YKDT 離底
	16:23	YKDT On deck				YKDT 揚収

Towing List:

YKDT#	Day	Area	Landing			End Point			Dredge	Marker Deployed		
			Time	Point	Depth(m)	Time	Point	Depth(m)				
151	2012 8.5	Submarin Canyon Off Miyako	7:33	39.42114	142.34889	782	16:00	39.44216	142.21204	320	+	-

YKDT#151

Sample	Sample ID	Time	Latitude	Longitude	Depth	Others
Dredge sample (Yellow)	YKDT#151-S01	15:50	39.44224	142.21443	329 m	2 l pet-bottle modified by Y. Furushima, called ZAMA#1 sampler
Dredge sample (White)	YKDT#151-S02	15:50	39.44224	142.21443	329 m	2 l pet-bottle modified by Y. Furushima, called ZAMA#2 sampler