DATE: 9 August 1984 SAMPLE: 23 FE Camera sled
CRUISE ID: SO 33
LOC: III
AREA: C (Kingman Reef)

	time (GMT)	LAT (N)	LON (W)	water depth (m)	wire ou
ON BOTTOM =	0343	6° 32.4784	162° 26.5118	3474	~350
OFF BOTTOM =	—	/			2595
END =	0633	6° 29.9158	162° 22.3810	2015	

RECOVERY WEIGHT = /

CRUST THICKNESS = /

SUBSTRATE = /

COMMENTS: Camera went to a watery grave
LOST.

No crust was ever observed, saw much sed. cover w/ bioturbation. First ripples at 2425 m. Many steep cliffs with overhangs, also terraces. Strong currents at tops of cliffs.

Camera lost going up a cliff, caught on an overhang

23 FE

area C

Lok III / Station 23 FE

So 33

PROTOKOLL / KAMERA - EINSATZ

FE Nr. 23

Schiff: Sonne
Fahrt: (Mangan-Krusten)
Seegebiet:
Fahrtleitung: Halbach
Operationsltg./Protokoll: Halbach / Sliney

Fahrtabschnitt:
M.-Sq.

(222

Datum: 9.08 1984
Beginn Operation: 0220
Ende Operation: 0633
(Stationszeit)

Koordin. Schiff: (geograph.)	von	Lat.	Long.
(Gerät am Boden)	bis		
Koordin. Gerät (Max.-Aweichg.)	X	Z	
	Y	R	

Wind α: V:
Seegang: Dünung:
Bewölkg.:
Trend:

Unterwasserphoto (mono/stereo): I. II. Mono
TV-Dokumentation (Film):
TV-Bandaufzeichnung: yes
Classimat-Ausdruck:
Bodenphysikal. Parameter:

Pingerdiagramm: no pinger
Echogramm:
Geräteposit. Liste:

	Beginn Fieren	Bodenkontakt	Ende Bodenkontakt	Ende Hieven
Zeit time	0229	X 0343	06 12 Totalverlust	0633
Seil m	0 ( )	3507		0 ( )
Wassert. m (Korr.) (water depth)	34561)	3474 ( )	( )	2026 ( )
geograph/Koord Magna-vox				
Sat. Fixe Lat.	6°33.108 N	6°32.743 N		6°30.083
Lon.	162°26.330 W	162°26.940 W		162°22.445
V Schiff (Log)	0.1	0.3		3.5
Gesamtzeit am Boden	2 hr 35 min	Profil-Länge(m):	Boden-Topogr.:	

Bemerkungen: (comments)
X Tape turned on at 0345 GMT.
6°32.739 N
162°26.951 W
X N 6° 32.574 W 162° 26.580

Kontinuierliches Protokoll

Datum Zeit (von-bis)	Position: Lat. Long.	Wassertiefe m (Korr.)	Seillänge m	V-Schiff	Kurs rw	Boden-photos I/II Nr.	TV-Band-aufzeichnung m	Dokum. TV	Knollen Popul. %	Bemerkungen
0347	6°32.733 162 26.965	3474	3507	.3	228					sediment coverage w/ bioturbation
0351	6°32.712 162°26.991	3392	3518	.5	240					sediment cover
0356	6°32.657 162°27.012	3360	3545	1.5	179					rock outcrops: Difficult to tell if crust coverage
0358	6°32.616 162°27.006	3359	3567	1.2	138					more sediment coverage
0358	"	"	"	1	"					cliff and terrace structure
0400	.575 .984	3348	3572	.6						sediment strongly bioturbated. NO RIPPLES

weitere Bemerkungen vgl. Anlageprotokoll — Anschlussblatt

AMR - Dr. Fel.

FE 23

ANSCHLÜSSBLATT:
PROTOKOLL KAMERA-EINSATZ

Station: So 33

Kontin. Protokoll

Datum Zeit (von-bis)	Position Lat. Long.	Wassertiefe m (Korr.)	Seillänge m	V-Schiff	Kurs rw	Boden-photos I	Boden-photos II Nr.	Film-typ	Blende	Kamera-Entfer.	Bemerkungen
0403	6°32.515 162°26.945	3302	3558	.1	64						Steep cliff structure seen on Seabeam record
0411	6°32.067 162°26.106	3281	3518	1.4	115						steep cliff with sed. terraces
0413	6°32.031 162°26.065	3235	3493	1.8	143						50% rock outcrop coverage
0421	6°31.877 162°25.927	3159	3482	1.6	135						10% Bedeckung
0432	6°31.655 162°25.709	3072	3481	1.6	130						<5% rock coverage Sediment, NO RIPPLES
0439	6°31.545 162°25.594	3007	3477	1.1	109						5% coverage (MUCH BIOTURBATION) crust fragments
0448	6°31.441 162°25.440	2874	3427	1.2							50% rock coverage steep cliff. Different from
〃	〃	〃	〃	〃	〃						Area B → No Ripples and much bioturbation
〃	〃	〃	〃	〃	〃						Geomorph. structure of cliff & terrace is the same
0459	6°31.336 162°25.235	2767	3394	1.2	115						Medium gray sediment, darker than previous sed.
0508	6°31.257 162°25.059	2709	3361	1.2	115						Cliff structure with outcrop = 80%
0517	6°31.185 162°24.898	2613	3282	1.1	130						continuing TOP of cliff
0521	6°31.132 162°24.816	2527	3180	1.3	131						Beginning another cliff
0524	6°31.107 162°24.775	2450	3156	1.1	121						Pillow Lava-bulbous outcrops on cliff
0527	6°31.074 162°24.724	2425	3136	1.2	131						FIRST RIPPLES!
0538	6°30.932 162°24.570	2292	3106	1.4	147						strange black areas - may be coral or discoloration
0554	6°30.623 162°24.312	1914	2962	1.2	122						Cliff with overhangs
0558	6°30.570 162°24.243	1789	2883	1.4	113						Strong current obscured view with sediment
0602	6°30.514 162°24.157	1730	2869	1.5	118						Cliff
0609	6°30.409 162°23.994	1703	2733	1.6	119						Steep cliff
0612	6°30.365 162°23.917	1701	2595	1.4	102						Steep cliff, sled banging on cliff
		Totalverlust!									Lost Camera

weitere Bemerkungen vgl. Anlageprotokoll

Anschlußblatt AMR - Dr. Fel
15.2.1973