Dredge Station Log

Cruise: F7 86 HN  sample interval 2750 – 2480m  Date: Dec 6  JD: 340

Station No.: 12

| Location: | Start | End | on bot. | off bot. |
|---|---|---|---|---|
| Lat.: | 16°58.7 | 16°59.1 | 16°59.0 | 16°59.1 |
| Long.: | 168°36.2 | 168°33.5 | 168°34.8 | 168°33.4 |

DREDGE # ~~Transponder Grid~~: JOD10

X: _____ Y: _____

Site Description and Target: central Karin Ridge – dredging up Western slope – one more time!

Dredge type: JOP  Pinger: ___ m.  ~~Transponder~~ EDR: ___ m.

Dredge in water: 1241 z  Depth: ~3500 m.  ~~CTD~~: yes ___ no X

Dredge on bottom: 1354 z  Depth: 2830 m.  Wire out: 3560 m.

Events: time; tension, wire angle, heading, speed (GPS), X-Y co-ordinates, ect.

| | tension | $H_2O$ depth | LAT | LON | heading | wo | MISC |
|---|---|---|---|---|---|---|---|
| 1300 z; | 0.9 t | 3250 | 16°58.9 | 168°35.8 | 089 | 1000 m | |
| 1308 z; | 1.1 t | 3200 | 16°58.9 | 168°35.6 | 103 | 1500m | |
| 1317 z; | 1.4 t | 3150 | 16°58.9 | 168°35.4 | 105 | 2000 m | paying out wire |
| 1326 z; | 1.6 | 3115 | 16°58.9 | 168°35.3 | 106 | 2500m | |
| 1334 z; | 1.9 | 3028 | 16°58.9 | 168°35.1 | 106 | 3000m | |
| 1338 z; | 1.95 | 2970 | 16°58.9 | 168°35.1 | 107 | 3200m | |
| 1344 z; | 2.0 | 2910 | 16°58.9 | 168°35.0 | 106 | 3560m | ▽ |
| 1354 z; | 3.9 | 2830 | 16°59.0 | 168°34.8 | 106 | 3560m | on ~~bottom~~ |
| 1352 z; | 3.3 | 2750 | 16° 59.0 | 168°34.8 | 106 | 3560m | bite |
| 1410 z; | 1.5 | 2500 | 16°58.9 | 168°34.6 | 104 | 3540 | small bite |
| 1412 z; | 3.5 | 2480 | " | " | " | 3528 | small bite |

Dredge off bottom: 1519 z  Depth: 2160 m.  Wire out: 2480 m.

X: _____ Y: _____

Notes: dredge appears to float, difficult to tell when on bottom, small bites around 2750 m to 2480 m

JOD 10 cont.

Dredge Station Log

Cruise: F7-86-HW

Date: Dec. 6. 86 JD: 340

Station No.: 12

Location: Lat.: start _____ end _____

Long.: start _____ end _____

DREDGE # ~~Transponder Grid~~: JOD 10

X: _____ Y: _____

Site Description and Target: _____

Dredge type: Jap. oval Pinger: ✓ m. ~~Transponder~~: ✓ m.

Dredge in water: _____ z Depth: _____ m. ~~CTD~~ IDR: yes ___ no ✓

Dredge on bottom: _____ z Depth: _____ m. Wire out: _____ m.

Events: time; tension, wire angle, heading, speed, X-Y co-ordinates, ect.

| | tension | $H_2O$ depth | LAT | LON | heading | WO | misc |
|---|---|---|---|---|---|---|---|
| 1446 z; | 2.9 to 2.3 | 2240 | 16° 59.1 | 168° 33.9 | 103 | 3154 | still on bottom |
| 1458 z; | 2.5 t | 2220 | 16° 59.1 | 168° 33.7 | 104 | 2900 | pulling wire |
| 1513 z; | 2.1 t | 2180 | " | 168° 33.5 | 106 | 2630 | ↓ |
| 1519 z; | — | 2160 | 16° 59.1 | 168° 33.4 | 108 | 2480 | off bottom |
| 1537 z; | 1.6 t | 2150 | 16° 59.1 | 168° 33.5 | 345 | 1550 | coming up |
| 1544 z; | 1.3 | " | " | " | 326 | 1000 | ↓ |
| 1553 z; | 1.03 | 2180 | " | " | 319 | 500 | |
| 1602 z; | | | | | | 0 | Dredge on deck |
| _____ z; | | | | | | | |
| _____ z; | | | | | | | |
| _____ z; | | | | | | | |

Dredge off bottom: _____ z Depth: _____ m. Wire out: _____ m.

X: _____ Y: _____

Notes: