# USGS DREDGE OPERATIONS LOG

| | | JD | LOCAL |
|---|---|---|---|
| CRUISE | KODOS 98-3 | DATE 227 | 8/15/98 |
| STATION | D4 | CHIEF SCIENTIST | Moon |
| DREDGE NO. | D4 | TECH ON WATCH | |

DEPTH INTERVAL (m) (on-off bottom) 2,700 – 2,388

| | ON STATION | DREDGE ON BOTTOM | DREDGE OFF BOTTOM | OFF STATION |
|---|---|---|---|---|
| GMT | 16:58 | 18:31.51 | 22:25:21 | 23:09.06 |
| latitude | 08°.22.030 N | 8°22.100 N | 8°23.059 N | 8°22.606 N |
| longitude | 160°.50.489 E | 160° 49.193 E | 160° 44.45 E | 160°43.541 N |
| water depth | 3004 | 2,700 m | 2388 | |

Site Description and Target:

Depth is 2,700 m

| Operation* | GMT | Depth (m) | Wire Out (m) | Tension | HDG/SPD | Comments |
|---|---|---|---|---|---|---|
| Wire out | 18:31.51 | 2,700 m | 3,600 | 1.6 | 255.6 / 1.5 | |
| start dredge | | | | 1.6, 1.7 ~ 1.8 | | |
| | 19:49.26 | 2421 | 3,291 | 1.6 | 229.2 / 1.3 | |
| | 19:59.51 | 2440 | 3,216 | 1.7, 1.5 | 241.6 / 0.3 | |
| Nothing (:) | 20:13.26 | 2444 | 3,119 | 1.6 | 244.9 / 0.5 | |
| | 20:28.21 | 2396 | 3012 | 1.6 | 217.6 / 0.5 | |
| | 20:41.06 | 2360 | 2920 | 1.5, 1.7 | 284 / 0.4 | |
| | 20:51.06 | 2350 | 2858 | 1.7, 1.9 | 295.7 / 0.3 | |
| Slow ship from | 21:17.49 | 2349 | 2805 | 1.6 | 271 / 0.5 | |
| 1.5 To 0.5, so | 21:48.86 | 2362 | 2693 | 1.4 | 280 / 0.6 | |
| wire out to 2800 | 22:06.51 | 2409 | 2632 | 1.5 | 292 / 0.4 | |
| off bottom | 22:24.51 | | | | | |
| | | | | | | |
| | | | | | | |

*on/off bottom, bites, etc.

Other Comments: