

APPENDIX V. GEOPHYSICAL APPENDIX

Robert B. Whitmarsh, National Institute of Oceanography, Wormley, Godalming, Surrey, United Kingdom

The purpose of this appendix is to show the seismic reflection profiles obtained with an air-gun system by *Glomar Challenger* during Leg 23. Above each profile hourly time marks, the date, and day number are given (note that time increases from right to left). Beneath the profiles, course changes of 10 degrees or more are indicated by an asterisk. Since the horizontal time scale is variable, the ship's speed over the ground is given in knots (± 0.5) and appears as a circled figure with short vertical bars indicating speed changes. From these data the actual horizontal distance represented by any portion of the profile can be computed. The vertical scale of the profiles is constant at 5 seconds, (two-way time) = 2 inches.

The track followed by *Glomar Challenger* is shown on the small-scale chart Figure 1, preceding the seismic profiles.

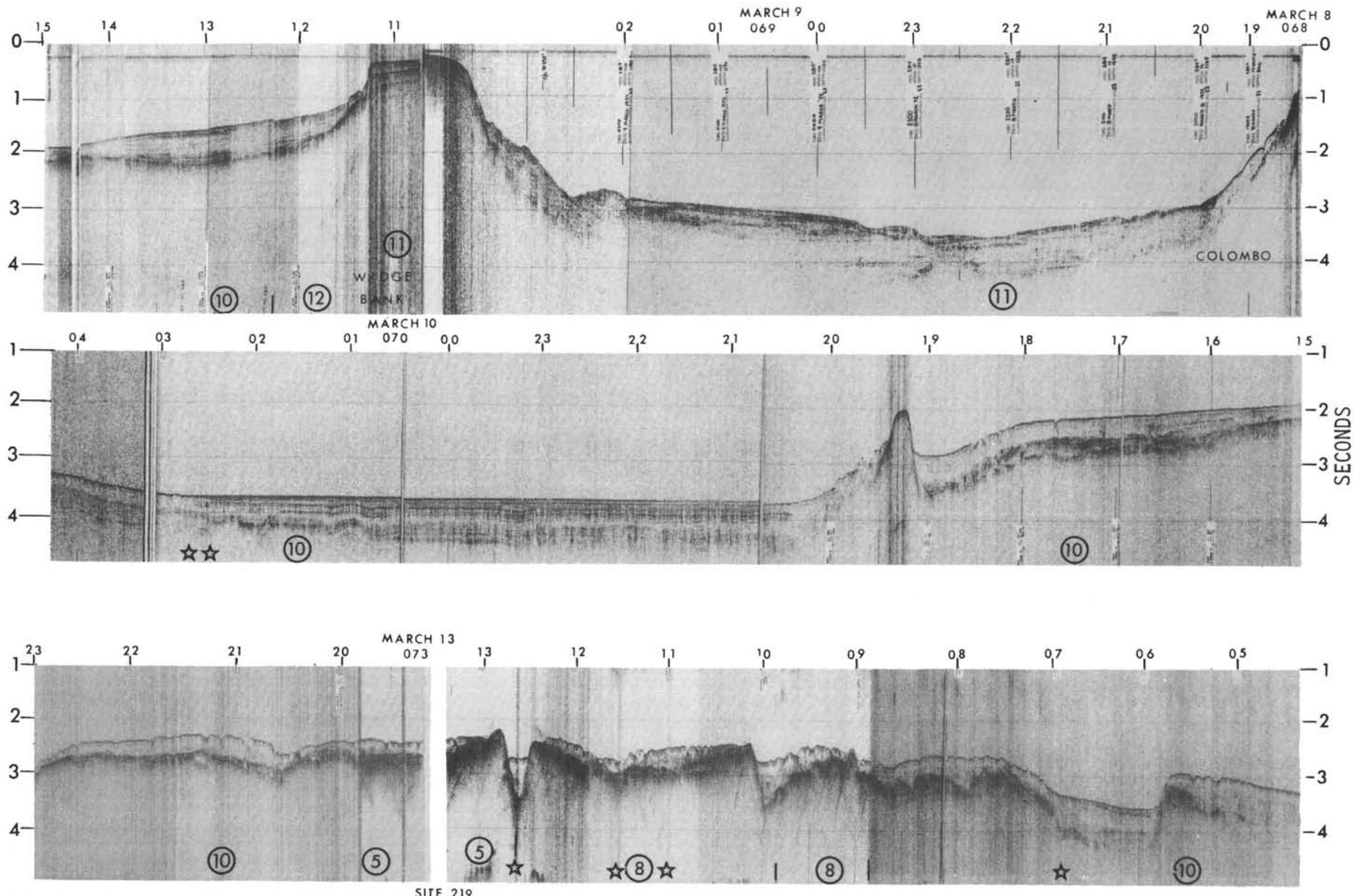


Figure 2. Seismic Profiles.

SITE 219

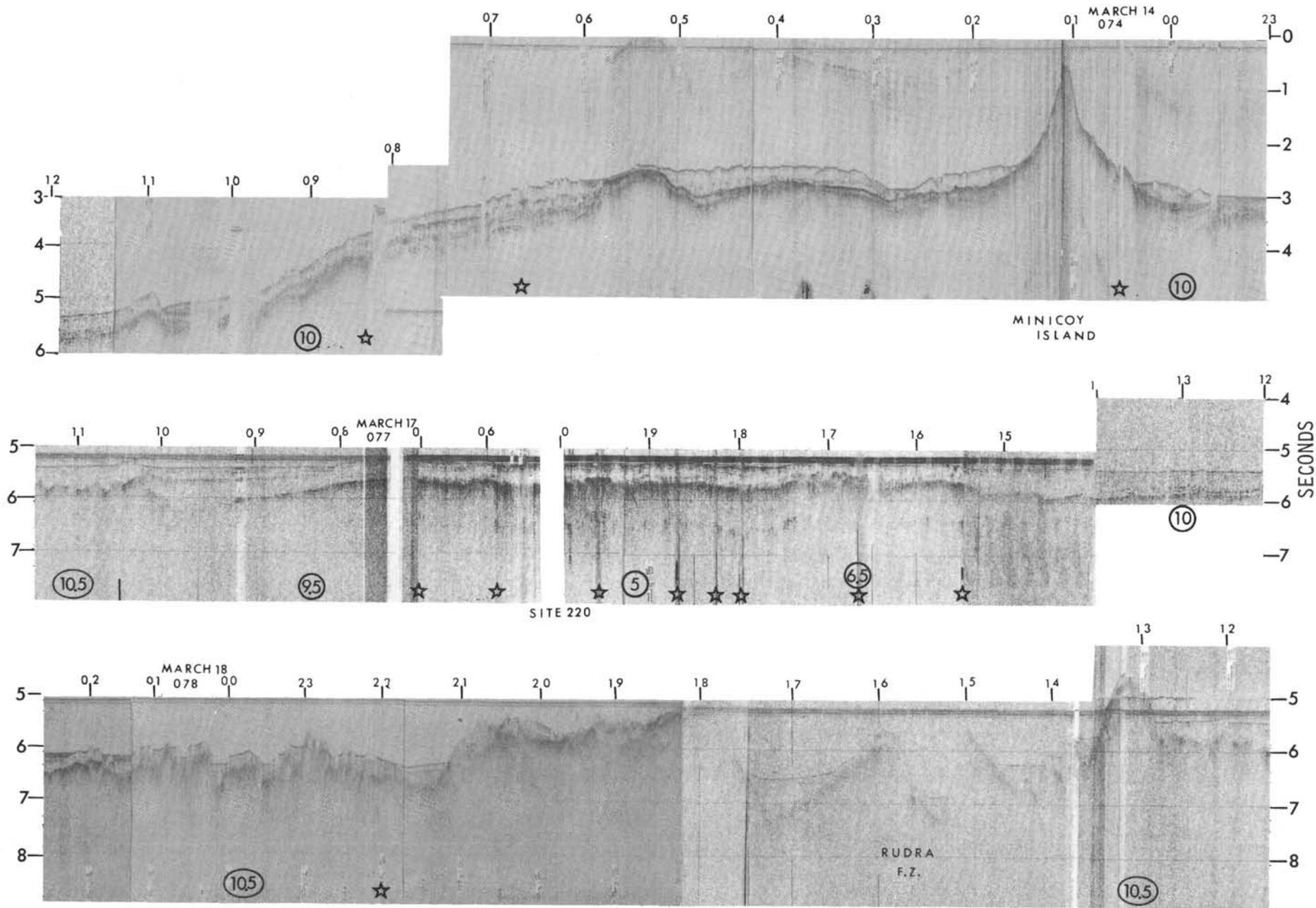
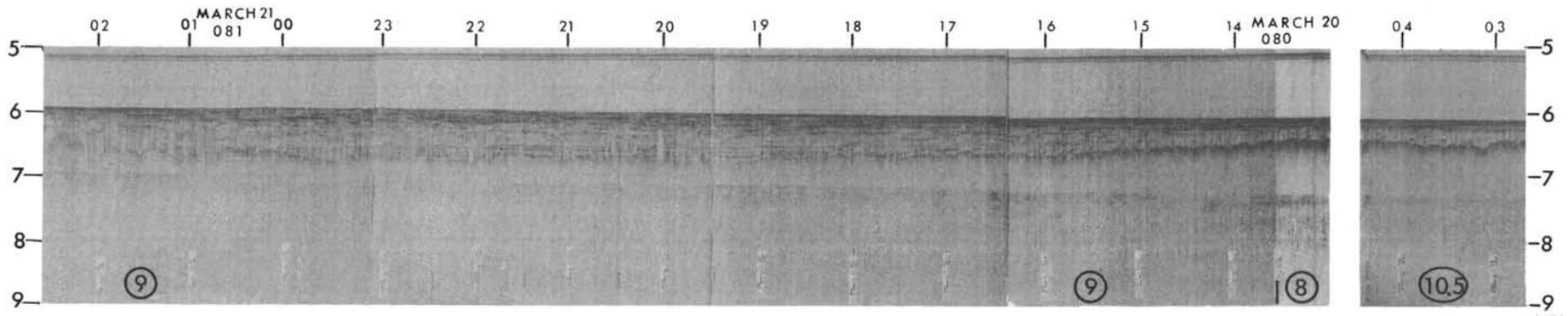


Figure 2. Continued



ARABIAN ABYSSAL PLAIN

SITE 221

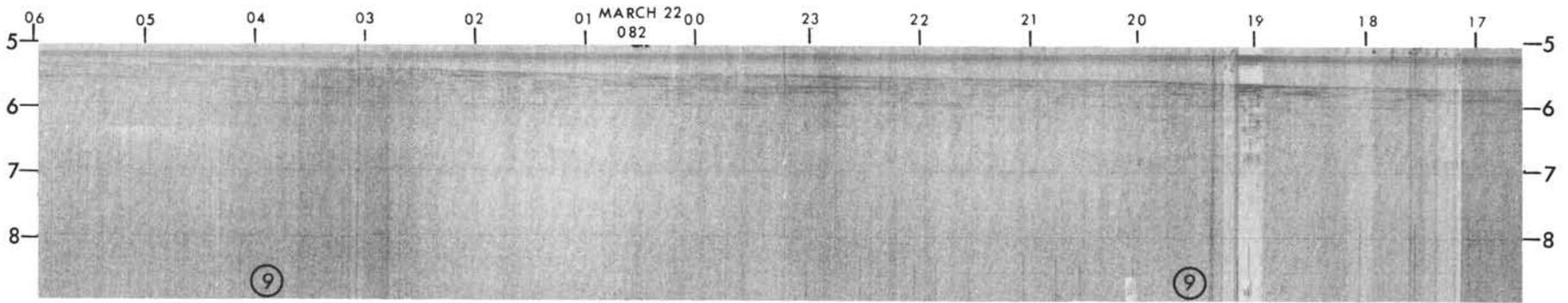
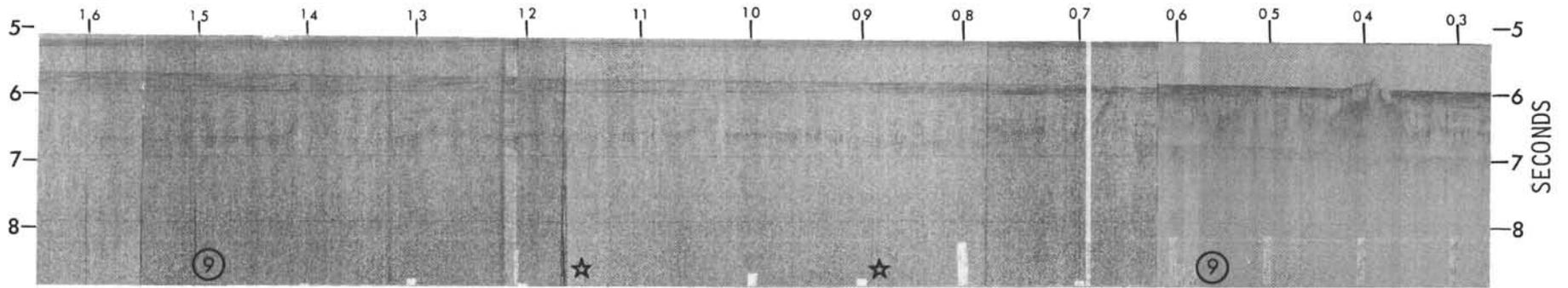


Figure 2. *Continued*

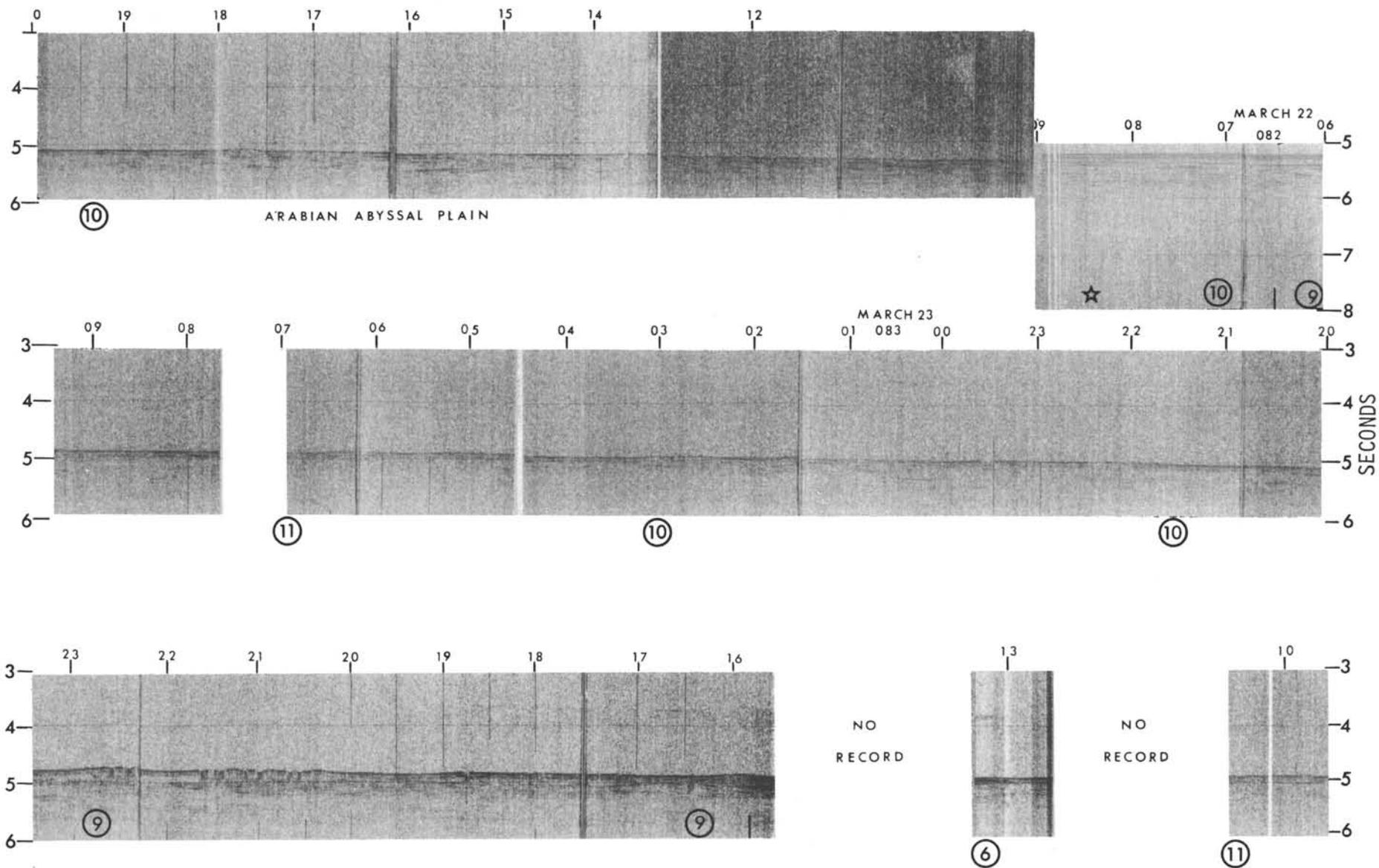


Figure 2. *Continued*

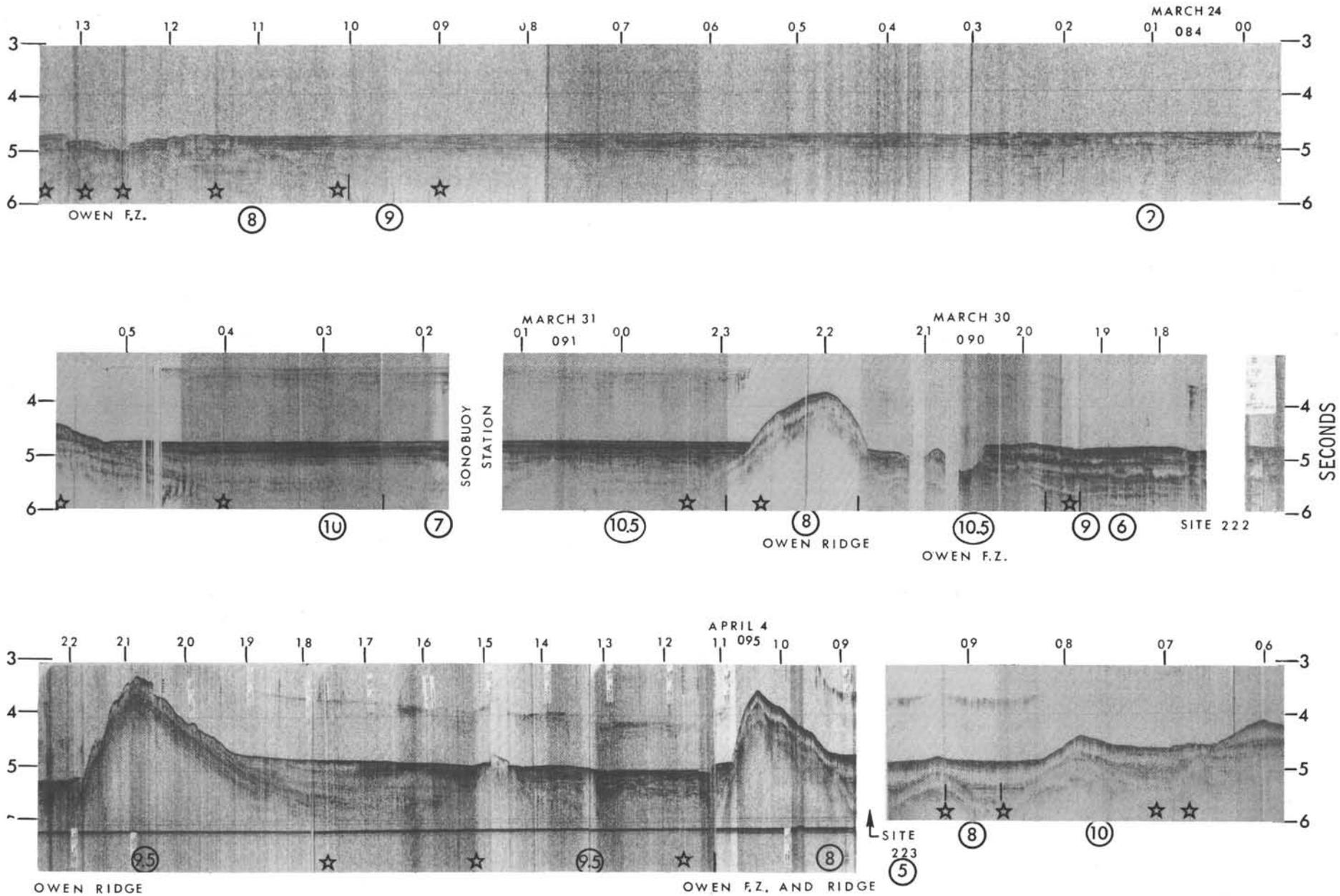


Figure 2. Continued

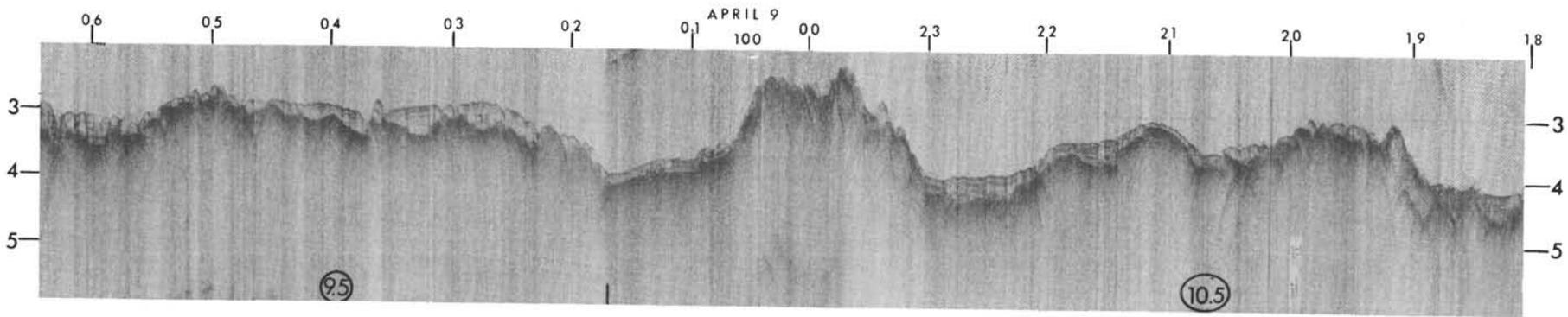
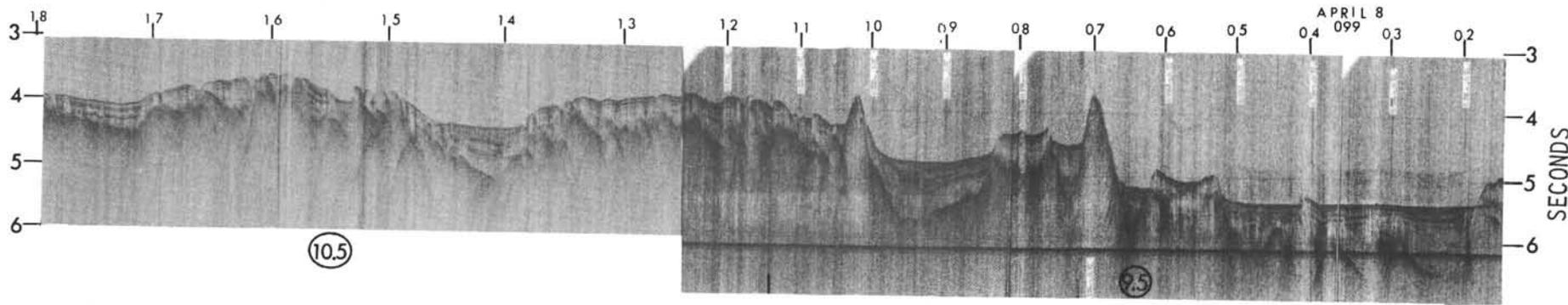
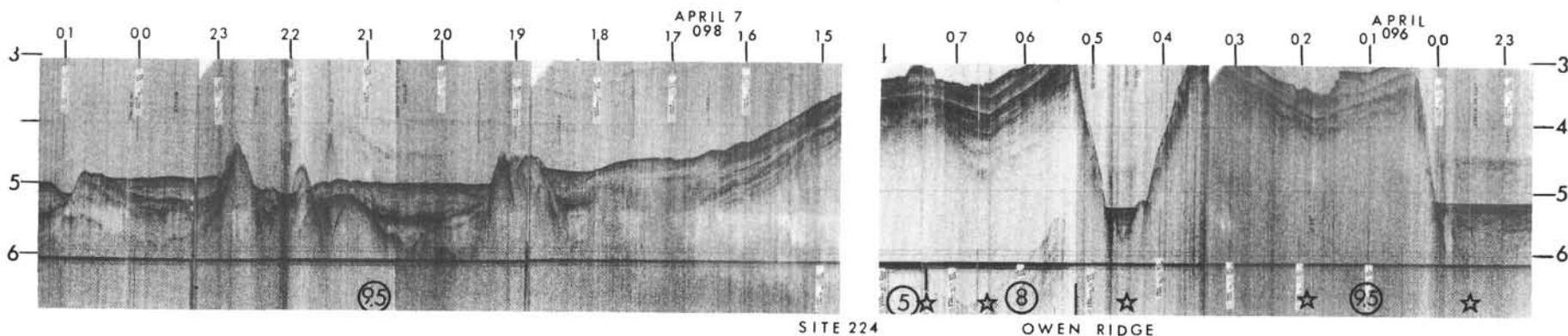
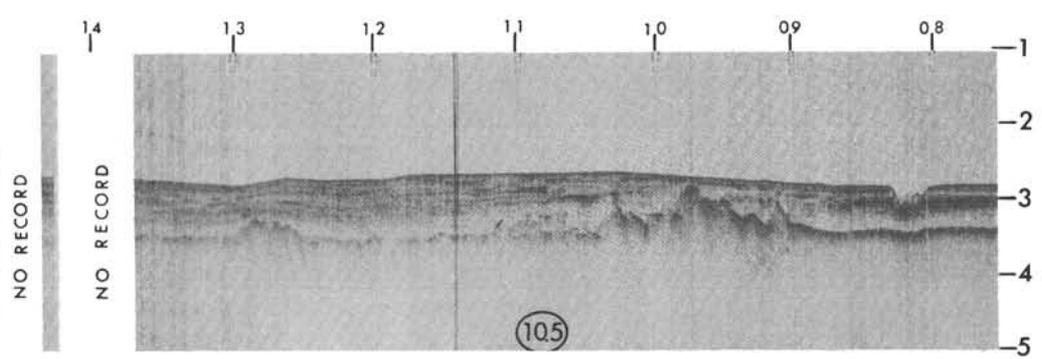
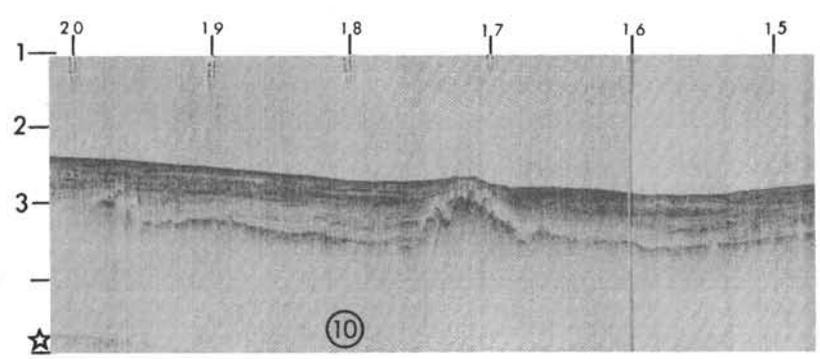
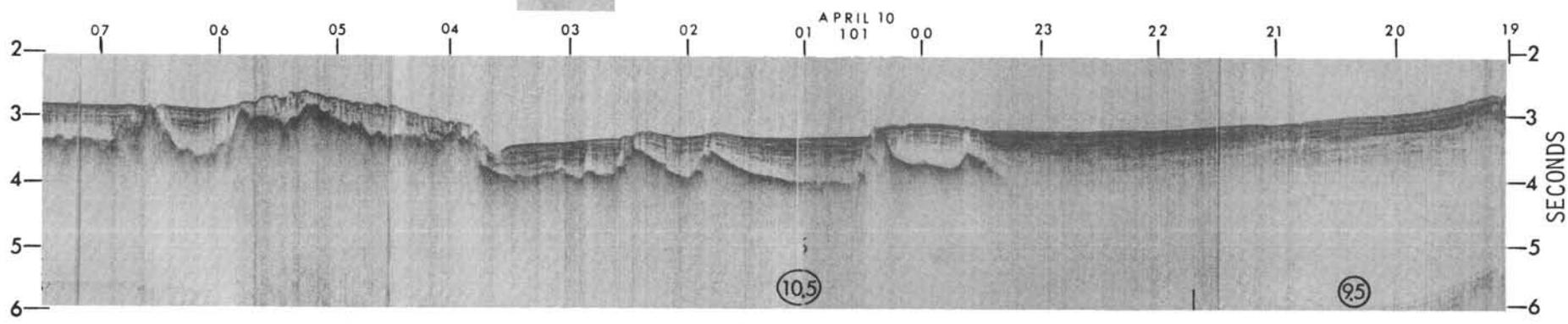
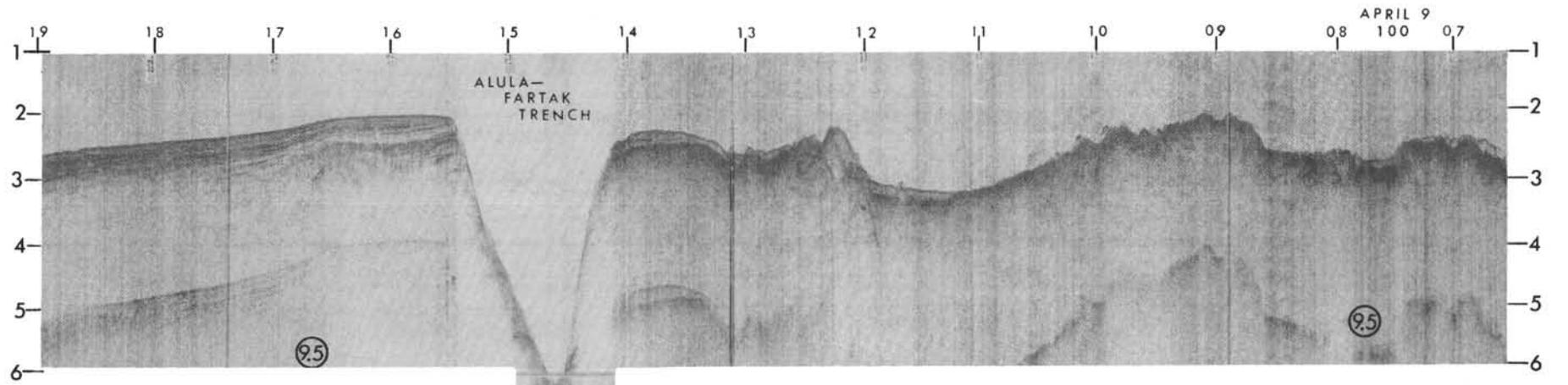


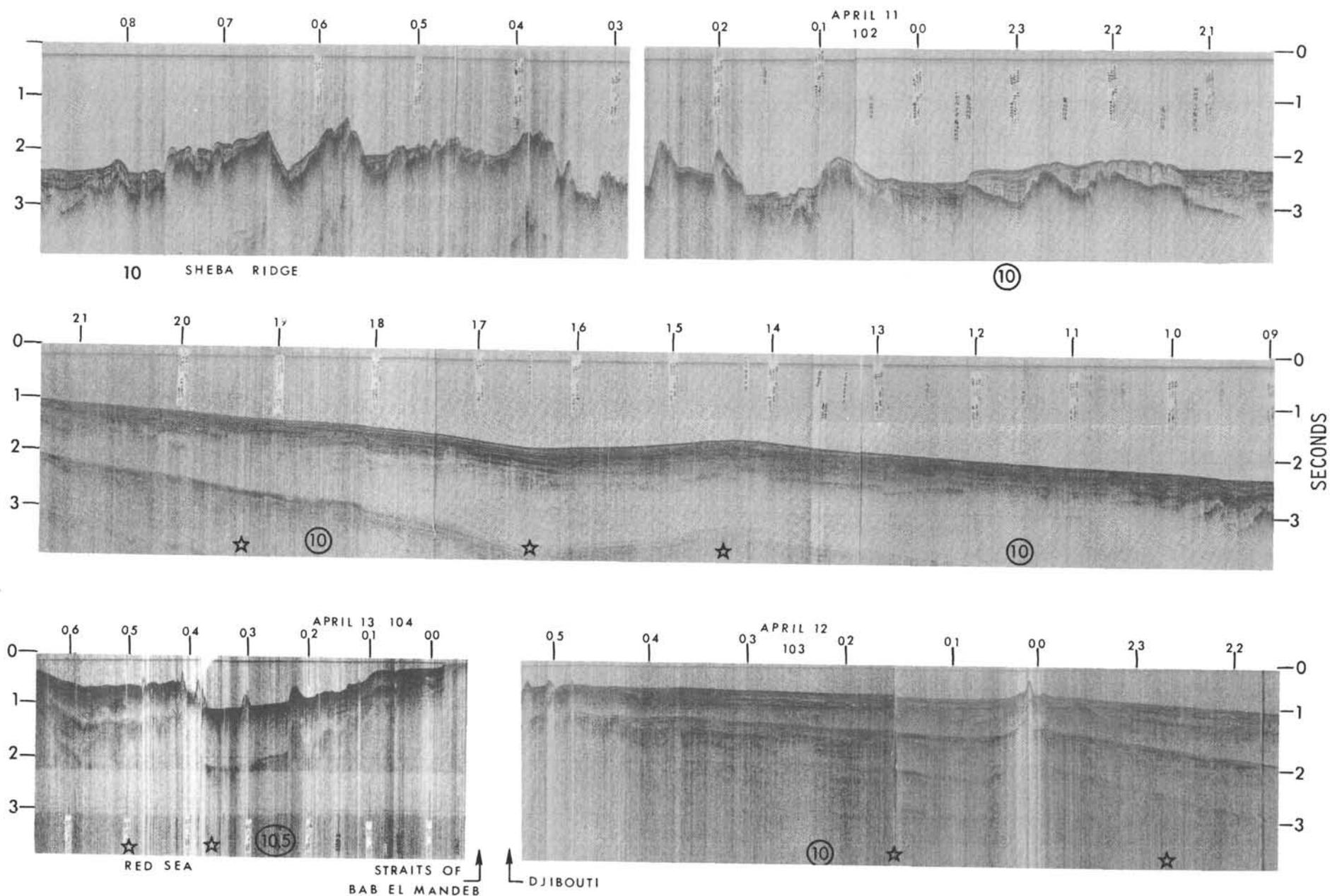
Figure 2. Continued



NO RECORD

NO RECORD

Figure 2. Continued

Figure 2. *Continued*

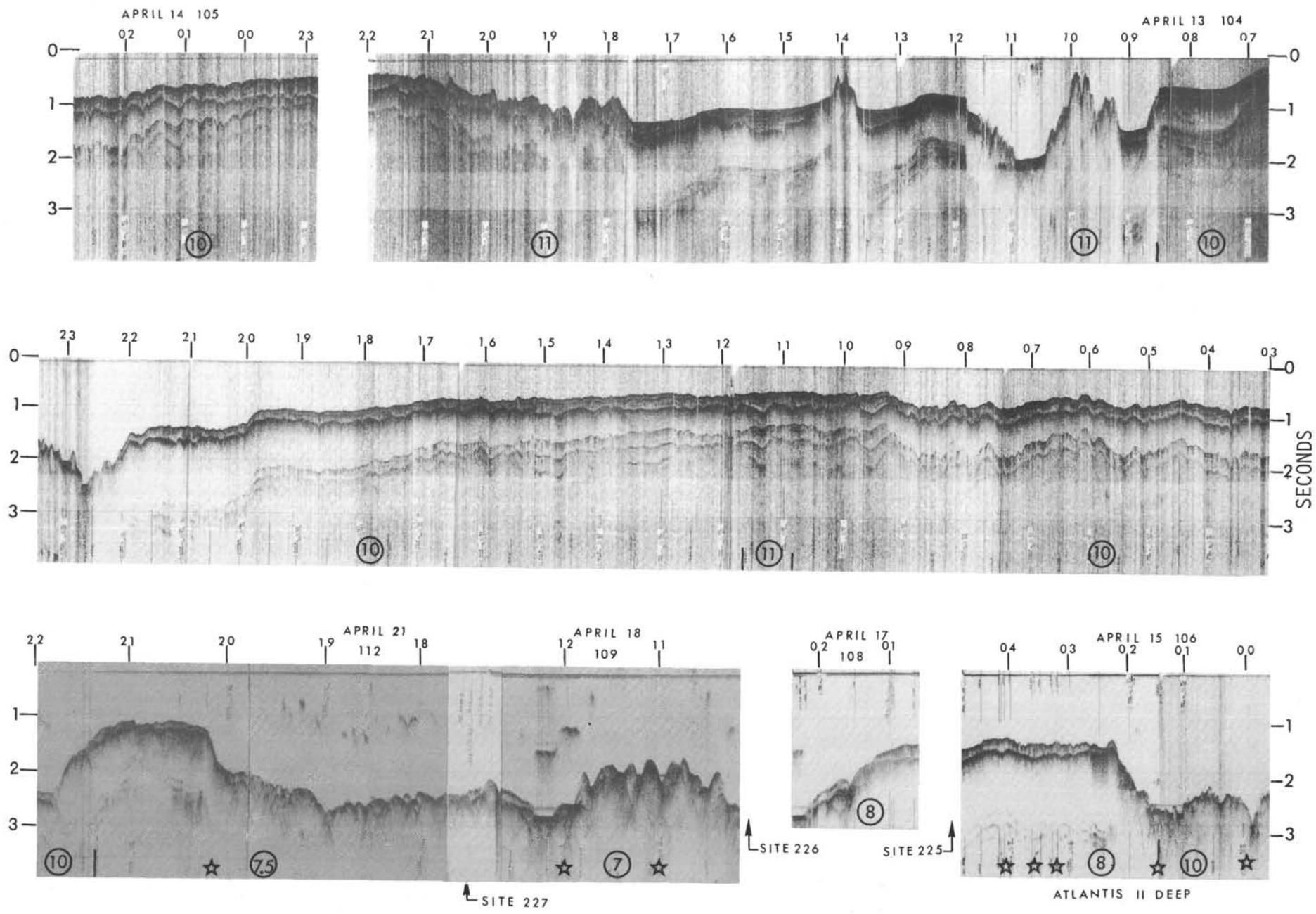


Figure 2. Continued

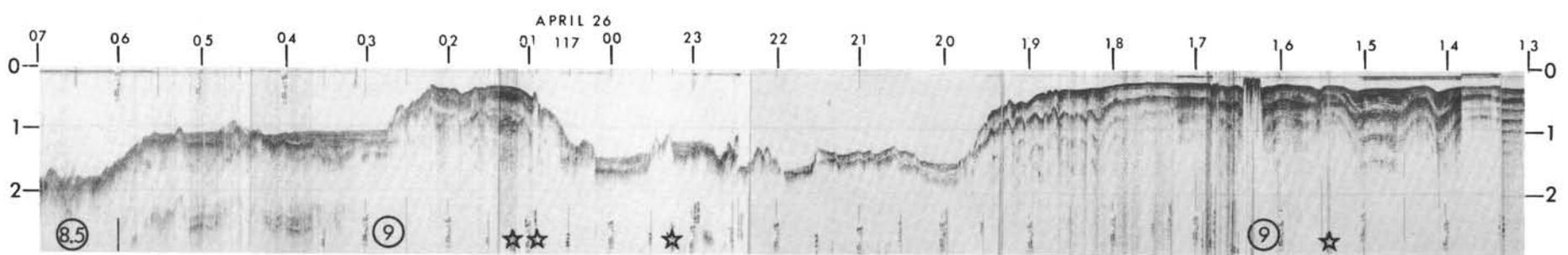
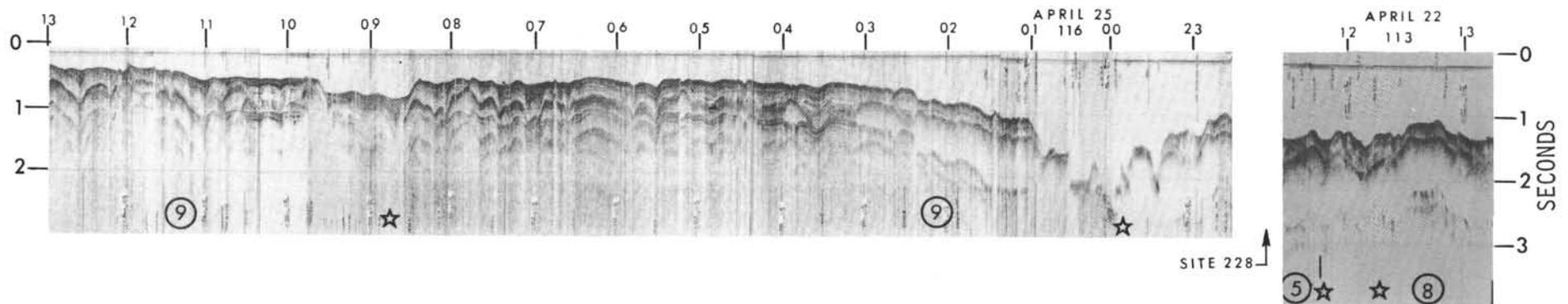
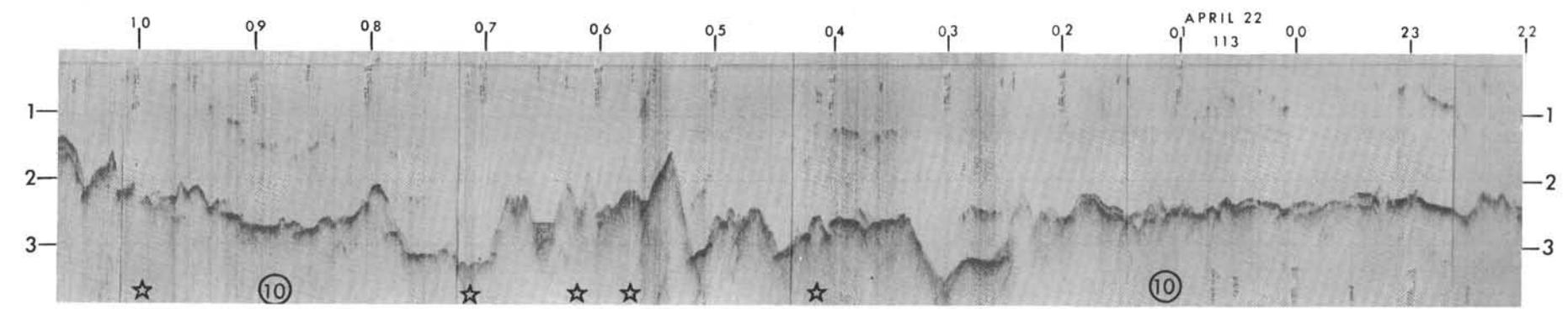


Figure 2. Continued

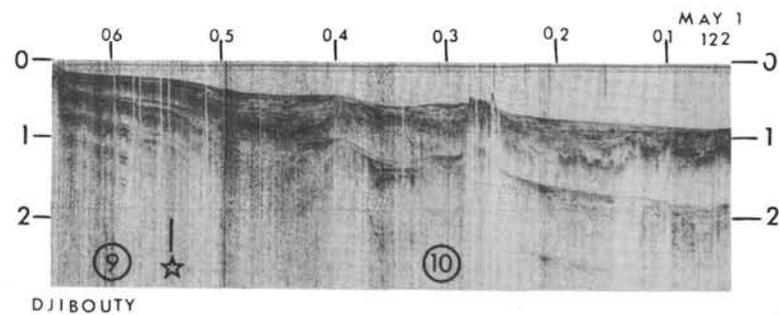
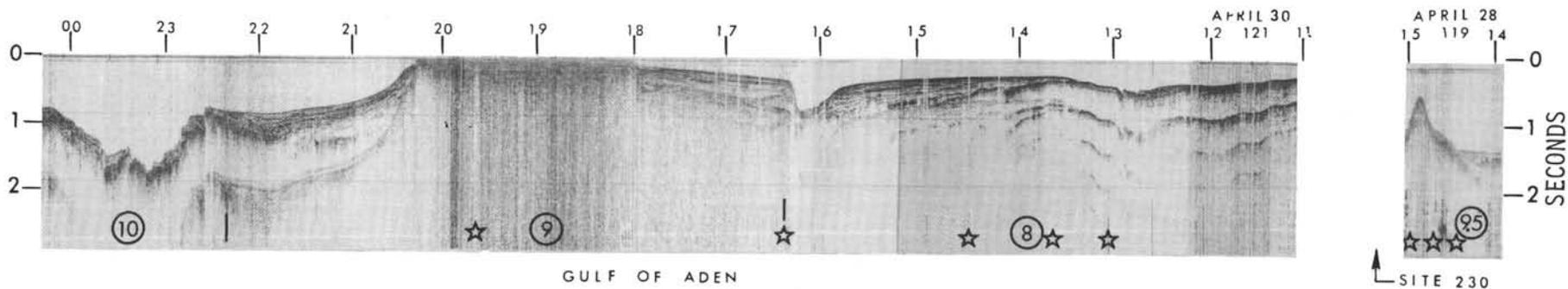
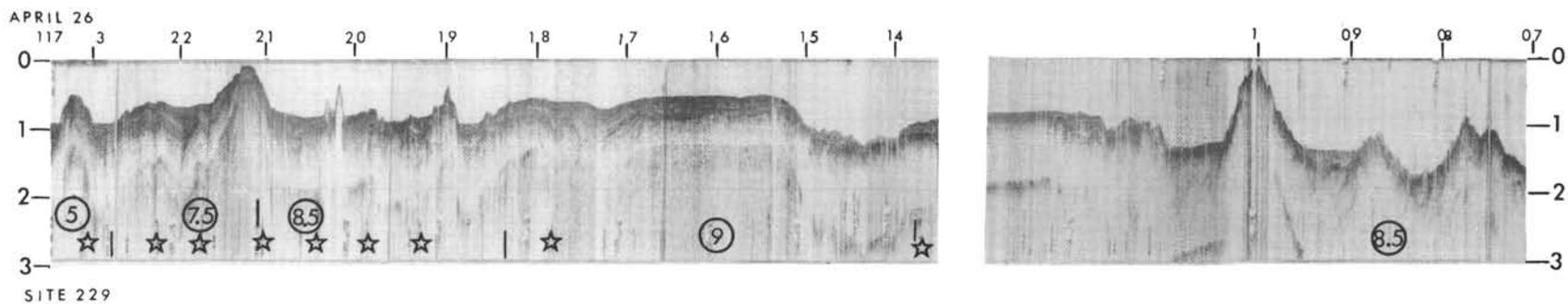


Figure 2. *Continued*