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LAST UPDATE: 24 Mar 99

R/V Urraca
 1998 FINAL SHIP OPERATING SCHEDULE 1998

| Cruise Days/ Dates Stat/Clear | Map Index/Area/ Purpose | P.I./Institution Proposal # | Ports | |
|--|--|--------------------------------|---------------------|----------|
| 24 Jan 29 Jan | NA9/Bocas del Toro, Panama/Oceanography of Coral Reef area | D=Croz/STRI | Colon | 6/SI/F |
| 26 Feb 02 Mar | NP13/Las Perlas, Panama/Biogeography of the World=s Tropical Oceans | Knowlton/STRI | Balboa | 4/SI/F |
| 09 Mar 23 Mar | NP13/Chiriqui, Panama/El Niño Impact Studies | Glynn/RSMAS OCE-9711529 | Balboa | 15/NSF/F |
| 08 Apr 19 May | NP13/Clipperton Is. [French]/Fish Population Studies | Robertson/STRI | Balboa/ Acapulco | 41/SI/F |
| 08 Jun 14 Jun | NP13/Punta Mala Panama/Collection of of E. Pacific deep- water echinoids | Lessios/STRI | Panama | 7/SI/F |
| 16 Jun 21 Jun | NA9/Bocas del Toro, Panama/Install sci. equipment in new sta. | Espino/STRI | Panama | 6/SI/F |
| 27 Sep 15 Oct | NA9/Bocas del Toro, Panama/Collection Coral reefs studies/ Benthic sampling | Guzman/Fortunato/ STRI | Panama | 18/SI/F |

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|--------|--|----------------|--------|---------|
| 16 Nov | NA9/Portobelo, | Lessios/STRI | Panama | 6/SI/F |
| 21 Nov | Panama/Collection of Caribbean deep- water echinoids | | | |
| 06 Dec | NP13 Gulf of Chiriqui | Robertson/STRI | Balboa | 14/SI/F |
| 19 Dec | Fish population studies | | | |

1998 SUMMARY

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| Agency | Funded | Pending | Total |
|-------------------------|--------|---------|-------|
| NSF | 15 | 0 | 15 |
| Smithsonian Institution | 102 | 0 | 102 |
| Total | 117 | 0 | 117 |