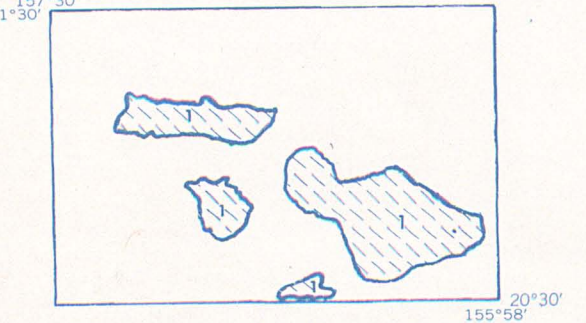


Additional triangulation on the islands of Maui, Molokai, Lanai and Kahoolawe will be found on Charts 4120, 4130 and Maui triangulation diagram.

MAUI, HAWAII  
(NF 4-16)  
DECEMBER 1979

Prepared by the Army Map Service (AMLS), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1962 from: U.S. Quadrangles, 1:24,000 and 1:62,500, U.S. Geological Survey, 1923-56; Hawaiian Islands, 1:25,000, Army Map Service, 1952-55. Coastal hydrography compiled from USCGS Chart 4116, revised 1957. Planimetric detail revised by photo-planimetric methods. Horizontal and vertical control by USGS, USCGS and Hawaiian Territorial Survey. Map field checked 1961. Universal Transverse Mercator projection. Old Hawaiian datum. This information is not intended for navigational purposes.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS  
INDEX TO COUNTY BOUNDARIES  
(See county designation list for county identification)



PLANE COORDINATE ZONE

HORIZONTAL CONTROL

- |                       |                   |                |   |
|-----------------------|-------------------|----------------|---|
| National Ocean Survey | Geological Survey | Other Agencies |   |
| ▲                     | ▲                 | ▲              | Monumented Point - First Order                    |
| ▲                     | ▲                 | ▲              | Monumented Point - Second Order                   |
| ▲                     | ▲                 | ▲              | Monumented Point - Third Order                    |
| ○                     | ○                 | ○              | Located Object - Third Order                      |
| ○                     | ○                 | ○              | See separate index for names of numbered stations |
| ○                     | ○                 | ○              | Station reported destroyed                        |
| —                     | —                 | —              | Measured Distance - First Order                   |
| —                     | —                 | —              | Line of triangulation observed from one end only  |
| —                     | —                 | —              | Line of triangulation observed from both ends     |
| —                     | —                 | —              | Measured Distance - Second Order                  |
| —                     | —                 | —              | Theodolite Traverse - Electronic Distance         |
| —                     | —                 | —              | Transit Traverse - Taped Distance Third Order     |
| —                     | —                 | —              | Transit Traverse and Leveling Third Order         |
| —                     | —                 | —              | Satellite Station                                 |
| —                     | —                 | —              | Astronomic Station                                |

VERTICAL CONTROL

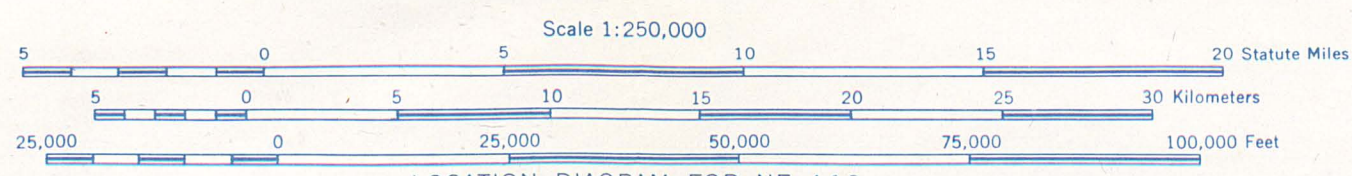
- |                       |                   |                |                  |
|-----------------------|-------------------|----------------|------------------|
| National Ocean Survey | Geological Survey | Other Agencies |                  |
| —                     | —                 | —              | First Order      |
| —                     | —                 | —              | Second Order     |
| —                     | —                 | —              | Third Order      |
| *                     |                   |                | Tidal Bench Mark |

STATE SURVEY CONTROL

- |   |   |   |                        |
|---|---|---|------------------------|
| — | — | — | Horizontal or Vertical |
| — | — | — | State Survey Control   |

CODE OF OTHER AGENCIES

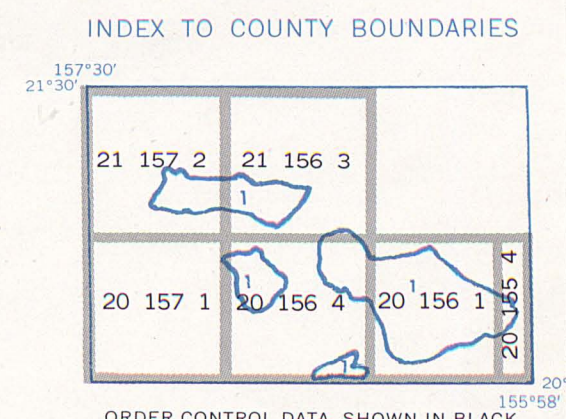
- |   |   |   |   |
|---|---|---|---|
| — | — | — | Defense Mapping Agency  |
| — | — | — | Geodetic control established by other agencies, shown in brown, may be obtained from National Ocean Survey, National Oceanic and Atmospheric Administration, Rockville, Maryland 20852. |



LEGEND

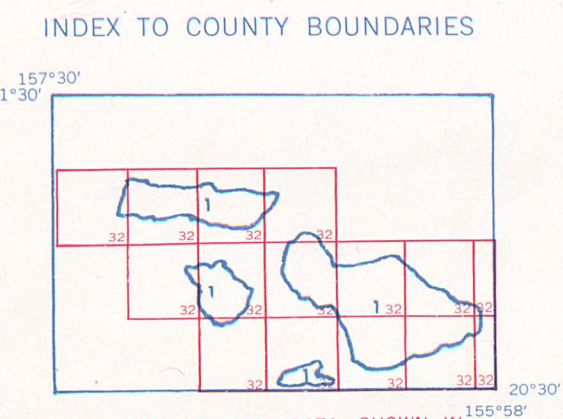
- |   |   |   |   |
|---|---|---|---|
| — | — | — | Roads: Hard surface, heavy duty; More than two lanes wide; Two lanes wide; Federal route marker; Hard surface, medium duty; More than two lanes wide; Two lanes wide; State route marker; Improved light duty; Unimproved dirt; Trail |
| — | — | — | Railroad: Normal gauge (3 feet); Single Track; Double Track   |
| — | — | — | County boundary   |
| — | — | — | Reservation boundary  |
| — | — | — | Horizontal control point  |
| — | — | — | Spot elevation in feet  |
| — | — | — | Crevise   |
| — | — | — | Landmark feature  |
| — | — | — | Rocks: Sunken; Awash  |
| — | — | — | Marsh or swamp  |
| — | — | — | Reef; Limit of danger   |
| — | — | — | Foreshore flats   |
| — | — | — | Depth curve in fathoms  |

NATIONAL OCEAN SURVEY  
THIRTY MINUTE QUADRANGLE DESIGNATION



ORDER CONTROL DATA, SHOWN IN BLACK OR BROWN, BY 30 MINUTE QUADRANGLE UNITS FROM NATIONAL OCEAN SURVEY, NOAA, ROCKVILLE, MARYLAND 20852.

GEOLOGICAL SURVEY  
FIFTEEN MINUTE QUADRANGLE DESIGNATION



ORDER CONTROL DATA, SHOWN IN RED, BY 15 MINUTE QUADRANGLE UNITS FROM U.S. GEOLOGICAL SURVEY, N.C. MENLO PARK, CALIFORNIA 94025