<table>
<thead>
<tr>
<th>Date used</th>
<th>RP#</th>
<th>Notes</th>
<th>PK Description</th>
<th>Bearing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan-97</td>
<td>RP1</td>
<td></td>
<td>PK nail in palm tree</td>
<td>-</td>
</tr>
<tr>
<td>Jan-95</td>
<td>RP2</td>
<td></td>
<td>PK nail on flag in crevice base of ironwood tree</td>
<td>-</td>
</tr>
<tr>
<td>Jan-95</td>
<td>RP3</td>
<td></td>
<td>PK nail on flag in crack near culvert</td>
<td>-</td>
</tr>
<tr>
<td>Jan-95</td>
<td>RP4</td>
<td></td>
<td>PK nail on flag in base of Norfolk pine</td>
<td>-</td>
</tr>
<tr>
<td>Jan-95</td>
<td>RP5</td>
<td></td>
<td>PK nail in hole of westernmost basalt boulder</td>
<td>-</td>
</tr>
<tr>
<td>Jan-99</td>
<td>RP6</td>
<td></td>
<td>PK nail between 11 and 12th green post</td>
<td>-</td>
</tr>
</tbody>
</table>

**Start of Line**
- Notes

**Bearing**
- R1
- R1
- at BRP
- at BRP
- at BRP
- 322

**LOCATION:**
After VKHL, right on Amala Place, then left at "T" intersection, then right at weird intersection on Kaahumanu Ave. Right on Puunene, across street from Longs shopping center. Pass Chart House restaurant on left, Canoe Club on right. End of Puunene Ave, 100 ft to right towards Pier 2 industrial area. Pull up to dunes; park; walk to the right (N) towards shacks.

**LINE-UP:**
- In naupaka on top of little scarp, to the south of the line

**Horizontal**
- White PVC pipe at tide gauge at end of rock wall; NW top edge of pipe
  - RP# 1 PK nail in palm tree 8" off ground facing seaward, ~38-40 paces behind RP2
  - RP# 2 PK nail on flag, buried in crevice in base of ironwood (most front-left of cluster); nail faces west; tree is 4 paces from most seaward red building. *Jul-98 new PK next to overgrown old PK
  - RP# 3 PK nail on flag in crack at intersection between rock wall and flat top of drainage culvert
  - RP# 4 PK nail on flag in front base of Norfolk pine tree, about 8" from ground facing seaward. Norfolk is ~70 paces behind RP2
  - RP# 5 PK in hole of westernmost basalt boulder of parking lot rock wall
  - RP# 6 PK between 11th and 12th green post from NW corner post on makai side of 8' fence at groundlevel below 3" piece of wire twisted on chain link fence about 18" above ground.

**GPS**
- VKH1: temp RP online makai (1/8/95) No corresponding EDM points
- VKH2: temp RP online mauka (1/8/95) No corresponding EDM points
- VE22: Tidal BME22 on Kahului Pier (1/10 and 1/12/95)
- VKHR: Tidal BME22 on Kahului Pier (1/11/95)
- KHR2: RP3, PK nail on culvert (7/7/97)

**Notes:**
- 1/8/95 GPS Survey, VKH1, VKH2
- 1/10,12/95 GPS Survey, VE22
- 1/11/95 GPS Survey, VKHR
- 7/7/97 GPS Survey, KHR2

**GPS Positions**

<table>
<thead>
<tr>
<th>Longitude</th>
<th>Latitude</th>
<th>Elevation (meters above local tidal datum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VKHR</td>
<td>-156.467575</td>
<td>20.894096</td>
</tr>
</tbody>
</table>

*Primary GPS for elevation control: RP3/GPS2/KHR2 = 1.402

**Primary reference point: RP2/FRP = 2.102