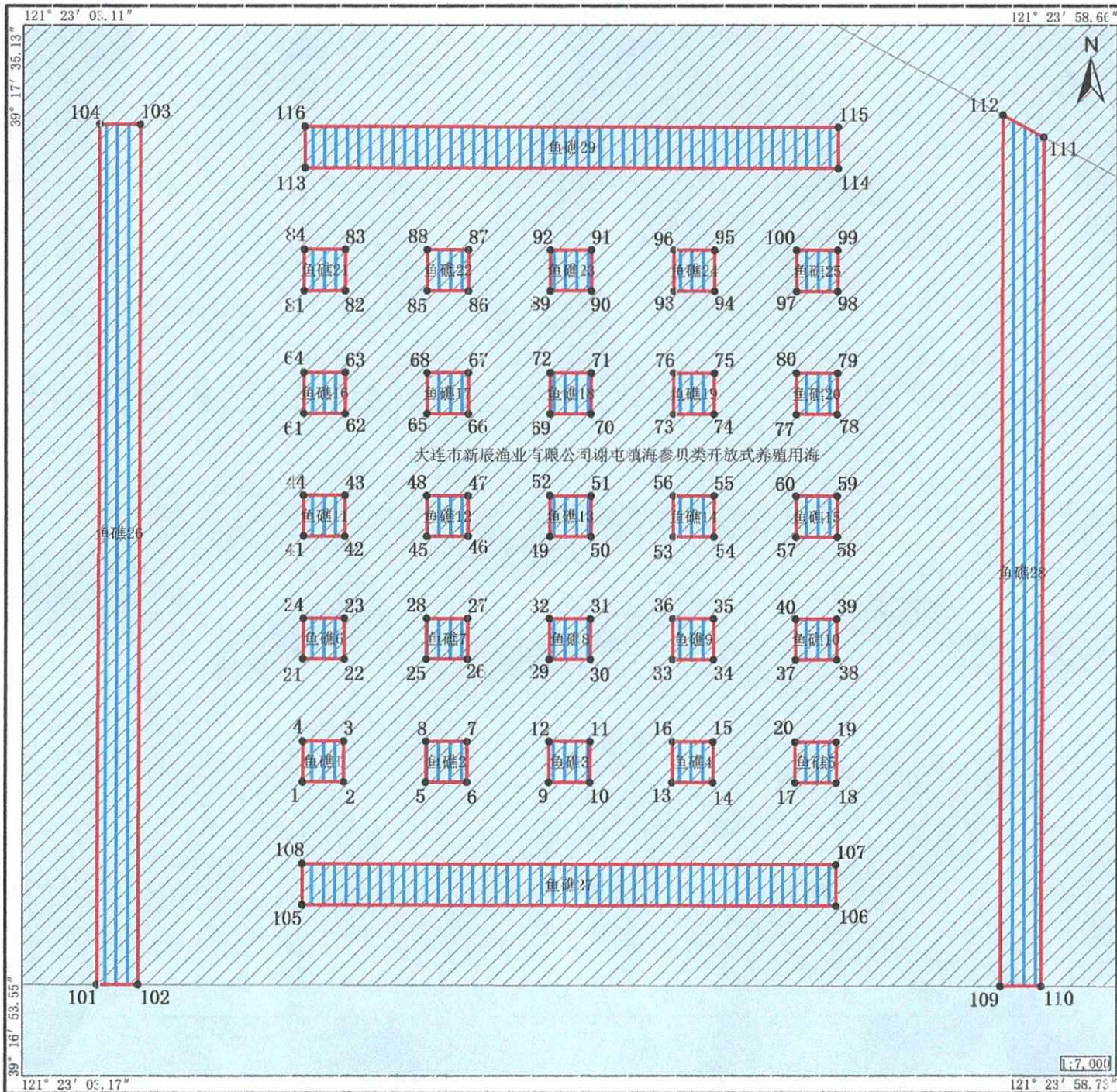


大连市新辰渔业有限公司海洋牧场人工鱼礁建设项目宗海界址图



大连市新辰渔业有限公司谢屯镇海参贝类开放式养殖用海

| 界址点编号及坐标 (北纬 东经) | | |
|---------------------------|-----------------|------------------|
| 1 | 39° 17' 05.203" | 121° 23' 17.337" |
| 2 | 39° 17' 05.207" | 121° 23' 19.423" |
| 3 | 39° 17' 06.823" | 121° 23' 19.424" |
| 4 | 39° 17' 06.829" | 121° 23' 17.338" |
| 5 | 39° 17' 05.204" | 121° 23' 23.595" |
| 6 | 39° 17' 05.203" | 121° 23' 25.682" |
| 7 | 39° 17' 06.824" | 121° 23' 25.683" |
| 8 | 39° 17' 06.823" | 121° 23' 23.597" |
| 9 | 39° 17' 05.201" | 121° 23' 29.854" |
| 10 | 39° 17' 05.193" | 121° 23' 31.941" |
| 剩余界址点编号极坐标 (北纬 东经), 见附页 | | |

| 内部单元 | 用海方式 | 界址线 | 面积 (公顷) |
|------|-------|-------------------------------------|---------|
| 鱼礁1 | 透水构筑物 | 1-2-3-4-1 | 0.2500 |
| 鱼礁2 | 透水构筑物 | 5-6-7-8-5 | 0.2500 |
| ... | ... | ... | ... |
| 鱼礁24 | 透水构筑物 | 93-94-95-96-93 | 0.2500 |
| 鱼礁25 | 透水构筑物 | 97-98-99-100-97 | 0.2500 |
| 鱼礁26 | 透水构筑物 | 101-102-103-104-101 | 5.2500 |
| 鱼礁27 | 透水构筑物 | 105-103-107-108-105 | 3.2500 |
| 鱼礁28 | 透水构筑物 | 109-110-111-112-109 | 5.2495 |
| 鱼礁29 | 透水构筑物 | 113-114-115-116-113 | 3.2500 |
| 宗海 | | 1-2-3-4-1; ...; 113-114-115-116-113 | 23.2495 |

| | | | |
|------|----------------|------|-------------------|
| 坐标系 | CGCS2000 | 投影 | 高斯-克吕格 (121° 30') |
| 高程基准 | 1985国家高程基准 | 深度基准 | 当地理论最低潮面 |
| 测绘单位 | 辽宁米测地理信息科技有限公司 | | |
| 测量人 | 张凯翔 | 绘图人 | 张凯翔 |
| 测绘日期 | 2024年7月 | 审核人 | 郑记伟 |

1:7,000

附页 大连市新辰渔业有限公司海洋牧场人工鱼礁

建设项目宗海界址点（续1）

| 界址点编号及坐标（北纬 东经） | | | 界址点编号及坐标（北纬 东经） | | |
|-----------------|-----------------|------------------|-----------------|-----------------|------------------|
| 11 | 39° 17' 06.821" | 121° 23' 31.942" | 42 | 39° 17' 14.934" | 121° 23' 19.432" |
| 12 | 39° 17' 06.822" | 121° 23' 29.856" | 43 | 39° 17' 16.556" | 121° 23' 19.433" |
| 13 | 39° 17' 05.197" | 121° 23' 36.113" | 44 | 39° 17' 16.557" | 121° 23' 17.347" |
| 14 | 39° 17' 05.196" | 121° 23' 38.199" | 45 | 39° 17' 14.932" | 121° 23' 23.604" |
| 15 | 39° 17' 06.817" | 121° 23' 38.201" | 46 | 39° 17' 14.931" | 121° 23' 25.691" |
| 16 | 39° 17' 06.818" | 121° 23' 36.115" | 47 | 39° 17' 16.552" | 121° 23' 25.692" |
| 17 | 39° 17' 05.193" | 121° 23' 42.372" | 48 | 39° 17' 16.553" | 121° 23' 23.606" |
| 18 | 39° 17' 05.192" | 121° 23' 44.458" | 49 | 39° 17' 14.929" | 121° 23' 29.864" |
| 19 | 39° 17' 06.813" | 121° 23' 44.460" | 50 | 39° 17' 14.927" | 121° 23' 31.950" |
| 20 | 39° 17' 06.815" | 121° 23' 42.374" | 51 | 39° 17' 16.549" | 121° 23' 31.951" |
| 21 | 39° 17' 10.072" | 121° 23' 17.341" | 52 | 39° 17' 16.550" | 121° 23' 29.865" |
| 22 | 39° 17' 10.070" | 121° 23' 19.427" | 53 | 39° 17' 14.925" | 121° 23' 36.123" |
| 23 | 39° 17' 11.692" | 121° 23' 19.429" | 54 | 39° 17' 14.924" | 121° 23' 38.209" |
| 24 | 39° 17' 11.693" | 121° 23' 17.342" | 55 | 39° 17' 16.545" | 121° 23' 38.211" |
| 25 | 39° 17' 10.068" | 121° 23' 23.600" | 56 | 39° 17' 16.546" | 121° 23' 36.124" |
| 26 | 39° 17' 10.067" | 121° 23' 25.686" | 57 | 39° 17' 14.921" | 121° 23' 42.382" |
| 27 | 39° 17' 11.688" | 121° 23' 25.688" | 58 | 39° 17' 14.920" | 121° 23' 44.468" |
| 28 | 39° 17' 11.689" | 121° 23' 23.601" | 59 | 39° 17' 16.541" | 121° 23' 44.470" |
| 29 | 39° 17' 10.065" | 121° 23' 29.859" | 60 | 39° 17' 16.542" | 121° 23' 42.383" |
| 30 | 39° 17' 10.063" | 121° 23' 31.945" | 61 | 39° 17' 19.800" | 121° 23' 17.350" |
| 31 | 39° 17' 11.685" | 121° 23' 31.947" | 62 | 39° 17' 19.798" | 121° 23' 19.436" |
| 32 | 39° 17' 11.686" | 121° 23' 29.860" | 63 | 39° 17' 21.420" | 121° 23' 19.438" |
| 33 | 39° 17' 10.061" | 121° 23' 36.118" | 64 | 39° 17' 21.421" | 121° 23' 17.351" |
| 34 | 39° 17' 10.060" | 121° 23' 38.204" | 65 | 39° 17' 19.796" | 121° 23' 23.609" |
| 35 | 39° 17' 11.681" | 121° 23' 38.206" | 66 | 39° 17' 19.795" | 121° 23' 25.695" |
| 36 | 39° 17' 11.682" | 121° 23' 36.119" | 67 | 39° 17' 21.416" | 121° 23' 25.697" |
| 37 | 39° 17' 10.057" | 121° 23' 42.377" | 68 | 39° 17' 21.417" | 121° 23' 23.611" |
| 38 | 39° 17' 10.056" | 121° 23' 44.463" | 69 | 39° 17' 19.792" | 121° 23' 29.868" |
| 39 | 39° 17' 11.677" | 121° 23' 44.465" | 70 | 39° 17' 19.791" | 121° 23' 31.955" |
| 40 | 39° 17' 11.678" | 121° 23' 42.378" | 71 | 39° 17' 21.413" | 121° 23' 31.956" |
| 41 | 39° 17' 14.936" | 121° 23' 17.345" | 72 | 39° 17' 21.414" | 121° 23' 29.870" |

| | | | |
|------|----------------|------|--------------------|
| 坐标系 | CGCS2000 | 投影 | 高斯投影 (121° 30') |
| 高程基准 | 1985 国家高程基准 | 深度基准 | 当地理论低潮面 |
| 测绘单位 | 辽宁米测地理信息科技有限公司 | | |
| 测量人 | 张凯翔 | 绘图人 | 郑记伟 |
| 测绘日期 | 2024年7月 | 审核人 | 郑记伟 |

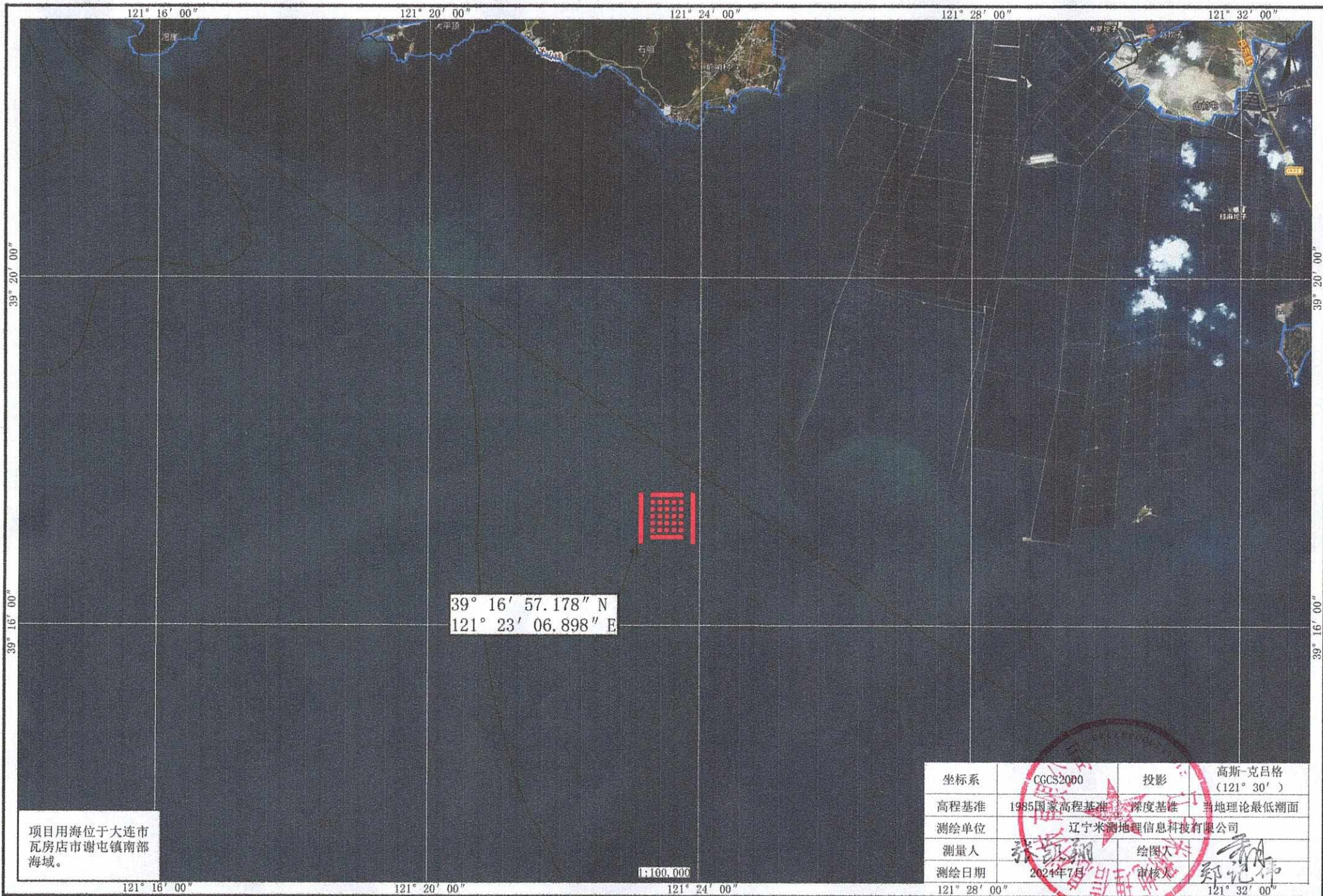
附页 大连市新辰渔业有限公司海洋牧场人工鱼礁

建设项目宗海界址点（续2）

| 界址点编号及坐标（北纬 东经） | | | 界址点编号及坐标（北纬 东经） | | |
|-----------------|-----------------|------------------|-----------------|-----------------|------------------|
| 73 | 39° 17' 19.789" | 121° 23' 36.127" | 104 | 39° 17' 31.226" | 121° 23' 06.927" |
| 74 | 39° 17' 19.788" | 121° 23' 38.214" | 105 | 39° 17' 00.344" | 121° 23' 17.332" |
| 75 | 39° 17' 21.409" | 121° 23' 38.215" | 106 | 39° 17' 00.328" | 121° 23' 44.453" |
| 76 | 39° 17' 21.410" | 121° 23' 36.129" | 107 | 39° 17' 01.949" | 121° 23' 44.455" |
| 77 | 39° 17' 19.785" | 121° 23' 42.387" | 108 | 39° 17' 01.965" | 121° 23' 17.334" |
| 78 | 39° 17' 19.784" | 121° 23' 44.473" | 109 | 39° 16' 57.152" | 121° 23' 52.819" |
| 79 | 39° 17' 21.405" | 121° 23' 44.475" | 110 | 39° 16' 57.150" | 121° 23' 54.906" |
| 80 | 39° 17' 21.406" | 121° 23' 42.388" | 111 | 39° 17' 30.759" | 121° 23' 54.941" |
| 81 | 39° 17' 24.663" | 121° 23' 17.349" | 112 | 39° 17' 31.631" | 121° 23' 52.855" |
| 82 | 39° 17' 24.662" | 121° 23' 19.435" | 113 | 39° 17' 29.527" | 121° 23' 17.376" |
| 83 | 39° 17' 26.284" | 121° 23' 19.434" | 114 | 39° 17' 29.512" | 121° 23' 44.500" |
| 84 | 39° 17' 26.285" | 121° 23' 17.348" | 115 | 39° 17' 31.133" | 121° 23' 44.502" |
| 85 | 39° 17' 24.660" | 121° 23' 23.608" | 116 | 39° 17' 31.149" | 121° 23' 17.377" |
| 86 | 39° 17' 24.659" | 121° 23' 25.695" | | | |
| 87 | 39° 17' 26.280" | 121° 23' 25.693" | | | |
| 88 | 39° 17' 26.281" | 121° 23' 23.607" | | | |
| 89 | 39° 17' 24.656" | 121° 23' 29.867" | | | |
| 90 | 39° 17' 24.655" | 121° 23' 31.954" | | | |
| 91 | 39° 17' 26.277" | 121° 23' 31.953" | | | |
| 92 | 39° 17' 26.278" | 121° 23' 29.866" | | | |
| 93 | 39° 17' 24.653" | 121° 23' 36.135" | | | |
| 94 | 39° 17' 24.651" | 121° 23' 38.221" | | | |
| 95 | 39° 17' 26.273" | 121° 23' 38.220" | | | |
| 96 | 39° 17' 26.274" | 121° 23' 36.134" | | | |
| 97 | 39° 17' 24.649" | 121° 23' 42.386" | | | |
| 98 | 39° 17' 24.648" | 121° 23' 44.473" | | | |
| 99 | 39° 17' 26.269" | 121° 23' 44.471" | | | |
| 100 | 39° 17' 26.270" | 121° 23' 42.385" | | | |
| 101 | 39° 16' 57.178" | 121° 23' 06.898" | | | |
| 102 | 39° 16' 57.177" | 121° 23' 08.984" | | | |
| 103 | 39° 17' 31.224" | 121° 23' 09.014" | | | |

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|------|----------------|------|--------------------|
| 坐标系 | CGCS2000 | 投影 | 高斯投影 (121° 30') |
| 高程基准 | 1985 国家高程基准 | 深度基准 | 当地理论低潮面 |
| 测绘单位 | 辽宁米测地理信息科技有限公司 | | |
| 测量人 | 张凯翔 | 绘图人 | 郑记伟 |
| 测绘日期 | 2024 年 7 月 | 审核人 | 郑记伟 |

大连市新辰渔业有限公司海洋牧场人工鱼礁建设项目宗海位置图



39° 16' 57.178" N
121° 23' 06.898" E

项目用海位于大连市瓦房店市谢屯镇南部海域。

1:100,000

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|------|----------------|------|----------------------|
| 坐标系 | CGCS2000 | 投影 | 高斯-克吕格 (121° 30') |
| 高程基准 | 1985国家高程基准 | 深度基准 | 当地理论最低潮面 |
| 测绘单位 | 辽宁米测地理信息科技有限公司 | | |
| 测量人 | 张朝翔 | 绘图人 | 张朝翔 |
| 测绘日期 | 2024年7月 | 审核人 | 郑记伟 |