



## Marine Notice No. 50 of 2025

*Notice to all Shipowners, Fishing Vessel Owners, Agents, Shipmasters, Skippers, Fishers, Yachtsmen and Seafarers*

### Codling Wind Park Benthic and Intertidal Surveys

#### 1. Notice of Activity

The Department of Transport has been advised that benthic (seafloor ecology) and intertidal surveys will be undertaken in the Irish Sea, off the coast of counties Wicklow and Dublin. The surveys will involve the use of Drop Down Video (DDV) to record footage of the seafloor and the lowering of a Hamon grab. The survey work is anticipated to run intermittently between **24 August 2025 and 30 September 2025**, subject to weather and operational constraints.

#### 2. Location of Activity

The benthic survey will be confined to the foreshore licence area as outlined in Codling Wind Park's foreshore licence FS007546. The intertidal walkover survey will be undertaken on the south side of Poolbeg Peninsula. A map and coordinates table of the operations area are set out in the Appendix to this Marine Notice.

#### 3. Details of Vessels

The surveys will be conducted by the following two vessels:

- “Rós Áine 1” (Call Sign: EI-ZG05)
- “AMS Panther” (Call Sign: 2EHC2)

Due to the deployment of equipment from the vessels during the survey, the vessels may be restricted in their ability to manoeuvre when surveying. Mariners are advised to keep continuous watch on VHF Channel 16 when navigating the area. The vessels will display all appropriate lights and signals.

#### 4. Contact Details

Enquiries regarding the content of this marine notice, or any other relevant matters, should be directed to the following:

- **Brian Cunningham**  
Fishing Industry Representative (FIR)  
Telephone: +353 (0) 872493817
- **Erlend Christiansen**  
Licensing Manager  
Email: [erlend.christiansen@codlingwindpark.ie](mailto:erlend.christiansen@codlingwindpark.ie)

**All mariners are reminded of their responsibilities under the International Collision Regulations and of [MarineNoticeNo.17of2007](#), which gives general advice in relation to the activities of vessels engaged in survey work for hydrographic, seismic, fishing research and underwater operations.**

The International Regulations for Prevention of Collisions at Sea (COLREGS) are implemented in Irish law by the *Merchant Shipping (Collision Regulations) (Ships and Water Craft on the Water) Order 2012* (S.I. No. 507 of 2012) and the *Signals of Distress (Ships) Rules 2012* (S.I. No.170 of 2012). [See Marine Notice No. 06 of 2013](#). These Statutory Instruments may be purchased by mail order from Government Publications, Office of Public Works, Mountshannon Road, Dublin, D08 XA06 Tel: (046) 9423100. They are also available online at: [www.irishstatutebook.ie](http://www.irishstatutebook.ie).

**Note:** Marine Notices are issued purely for maritime safety and navigation reasons and should not be construed as conferring rights or granting permissions.

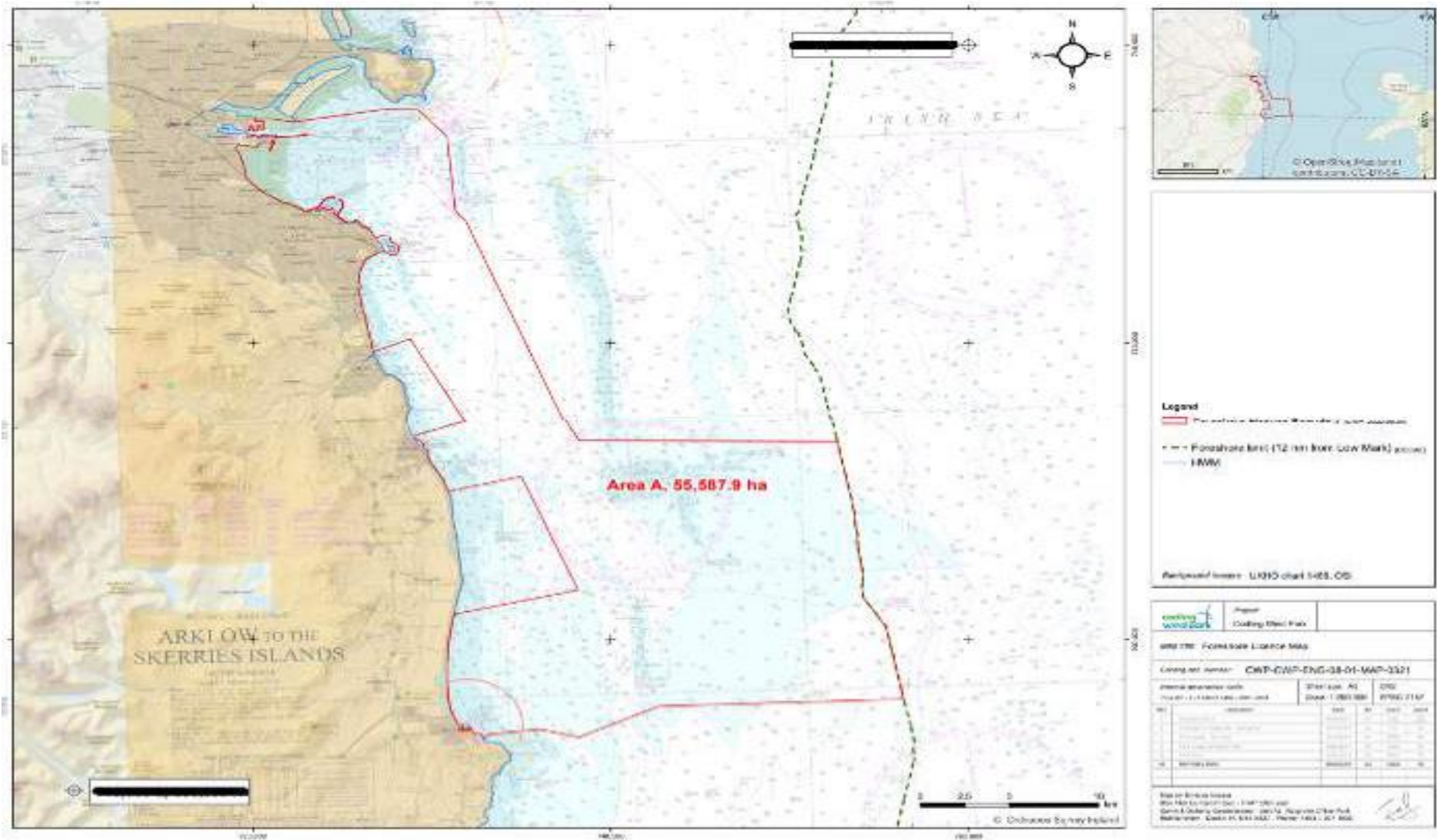
Irish Maritime Administration,  
Department of Transport,  
Leeson Lane, Dublin 2, D02 TR60, Ireland.

15/08/2025

Appendix: Map and Coordinates of the Operations Area

For any technical assistance in relation to this Marine Notice, please contact:  
The Marine Survey Office, email: [MSO@transport.gov.ie](mailto:MSO@transport.gov.ie).  
For general enquiries, please contact the Maritime Safety Policy Division, email:  
[MaritimeSafetyPolicyDivision@transport.gov.ie](mailto:MaritimeSafetyPolicyDivision@transport.gov.ie).  
Written enquiries concerning Marine Notices should be addressed to:  
Dept. of Transport, Maritime Safety Policy Division, Leeson Lane, Dublin 2, D02 TR60, Ireland.  
email: [MarineNotices@transport.gov.ie](mailto:MarineNotices@transport.gov.ie) or visit us at: [www.gov.ie/transport](http://www.gov.ie/transport).

## Appendix: Map and Coordinates of the Operations Area



Latitude	Longitude
53° 16' 12.72" N	006° 05' 18.85" W
53° 16' 12.36" N	006° 05' 18.31" W
53° 16' 11.28" N	006° 05' 17.02" W
53° 16' 11.28" N	006° 05' 16.58" W
53° 16' 11.28" N	006° 05' 16.37" W
53° 16' 10.92" N	006° 05' 15.97" W
53° 16' 10.92" N	006° 05' 15.79" W
53° 16' 10.56" N	006° 05' 15.22" W
53° 16' 10.2" N	006° 05' 14.53" W
53° 16' 10.2" N	006° 05' 14.24" W
53° 16' 10.2" N	006° 05' 14.17" W
53° 16' 9.84" N	006° 05' 14.03" W
53° 16' 9.84" N	006° 05' 13.92" W
53° 16' 9.48" N	006° 05' 13.52" W
53° 16' 9.48" N	006° 05' 13.38" W
53° 16' 8.76" N	006° 05' 12.62" W
53° 16' 8.4" N	006° 05' 12.16" W
53° 16' 7.68" N	006° 05' 10.82" W
53° 16' 7.32" N	006° 05' 10.54" W
53° 16' 7.32" N	006° 05' 10.32" W
53° 16' 6.96" N	006° 05' 9.13" W
53° 16' 6.24" N	006° 05' 7.44" W
53° 16' 5.88" N	006° 05' 5.64" W
53° 16' 5.88" N	006° 05' 5.42" W
53° 16' 5.88" N	006° 05' 4.78" W
53° 16' 5.88" N	006° 05' 3.59" W
53° 16' 5.88" N	006° 05' 3.26" W
53° 16' 5.52" N	006° 05' 2.72" W
53° 16' 5.52" N	006° 05' 2.26" W
53° 16' 5.52" N	006° 05' 1.75" W
53° 16' 5.52" N	006° 05' 1.28" W
53° 16' 5.52" N	006° 05' 0.17" W
53° 16' 5.52" N	006° 04' 58.84" W
53° 16' 5.52" N	006° 04' 56.89" W
53° 16' 5.88" N	006° 04' 55.06" W
53° 16' 6.24" N	006° 04' 53.36" W
53° 16' 6.96" N	006° 04' 51.78" W
53° 16' 7.68" N	006° 04' 50.41" W
53° 16' 7.68" N	006° 04' 50.38" W
53° 16' 8.04" N	006° 04' 49.94" W
53° 16' 8.76" N	006° 04' 48.83" W
53° 16' 9.12" N	006° 04' 48.61" W
53° 16' 9.12" N	006° 04' 48.54" W
53° 16' 9.84" N	006° 04' 47.89" W
53° 16' 10.92" N	006° 04' 47.32" W
53° 16' 11.64" N	006° 04' 46.81" W
53° 16' 12.0" N	006° 04' 46.74" W
53° 16' 12.0" N	006° 04' 46.67" W
53° 16' 12.0" N	006° 04' 46.63" W
53° 16' 12.0" N	006° 04' 46.49" W
53° 16' 12.36" N	006° 04' 46.34" W
53° 16' 12.72" N	006° 04' 45.95" W
53° 16' 13.44" N	006° 04' 45.59" W
53° 16' 13.44" N	006° 04' 45.41" W
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53° 16' 14.52" N	006° 04' 44.47" W
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53° 16' 15.96" N	006° 04' 43.82" W
53° 16' 16.32" N	006° 04' 43.68" W
53° 16' 16.32" N	006° 04' 43.64" W
53° 16' 16.32" N	006° 04' 43.75" W
53° 16' 17.76" N	006° 04' 43.25" W
53° 16' 17.76" N	006° 04' 43.21" W
53° 16' 18.12" N	006° 04' 43.21" W
53° 16' 18.84" N	006° 04' 43.28" W
53° 16' 19.56" N	006° 04' 42.96" W
53° 16' 19.56" N	006° 04' 42.92" W
53° 16' 20.64" N	006° 04' 42.71" W
53° 16' 21.0" N	006° 04' 42.67" W
53° 16' 22.08" N	006° 04' 42.82" W
53° 16' 23.16" N	006° 04' 43.25" W
53° 16' 24.24" N	006° 04' 43.97" W
53° 16' 24.24" N	006° 04' 44.18" W
53° 16' 25.32" N	006° 04' 45.23" W
53° 16' 26.04" N	006° 04' 46.52" W
53° 16' 26.4" N	006° 04' 46.78" W
53° 16' 26.4" N	006° 04' 47.1" W
53° 16' 26.4" N	006° 04' 47.32" W
53° 16' 28.56" N	006° 04' 48.83" W
53° 16' 28.56" N	006° 04' 49.01" W
53° 16' 28.92" N	006° 04' 49.37" W
53° 16' 29.64" N	006° 04' 50.66" W
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53° 16' 30.72" N	006° 04' 53.83" W
53° 16' 30.72" N	006° 04' 54.12" W

Latitude	Longitude
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53° 16' 31.08" N	006° 04' 55.81" W
53° 16' 31.08" N	006° 04' 55.88" W
53° 16' 31.08" N	006° 04' 55.99" W
53° 16' 31.08" N	006° 04' 56.06" W
53° 16' 31.44" N	006° 04' 56.35" W
53° 16' 31.8" N	006° 04' 57.07" W
53° 16' 31.8" N	006° 04' 57.4" W
53° 16' 32.52" N	006° 05' 0.38" W
53° 16' 32.52" N	006° 05' 0.82" W
53° 16' 32.52" N	006° 05' 2.04" W
53° 16' 32.52" N	006° 05' 2.36" W
53° 16' 32.52" N	006° 05' 3.73" W
53° 16' 33.24" N	006° 05' 4.34" W
53° 16' 33.24" N	006° 05' 4.74" W
53° 16' 33.6" N	006° 05' 4.85" W
53° 16' 33.96" N	006° 05' 5.21" W
53° 16' 33.96" N	006° 05' 5.39" W
53° 16' 34.32" N	006° 05' 5.78" W
53° 16' 34.32" N	006° 05' 6.04" W
53° 16' 34.68" N	006° 05' 6.18" W
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53° 16' 35.4" N	006° 05' 6.83" W
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53° 16' 35.76" N	006° 05' 6.58" W
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53° 16' 38.28" N	006° 05' 6.54" W
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53° 16' 39.36" N	006° 05' 6.36" W
53° 16' 39.72" N	006° 05' 6.4" W
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53° 16' 40.8" N	006° 05' 6.68" W
53° 16' 41.88" N	006° 05' 7.08" W
53° 16' 42.96" N	006° 05' 7.84" W
53° 16' 42.96" N	006° 05' 7.98" W
53° 16' 43.32" N	006° 05' 8.02" W
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53° 16' 44.4" N	006° 05' 9.64" W
53° 16' 44.76" N	006° 05' 9.85" W
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53° 16' 46.56" N	006° 05' 14.17" W
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53° 16' 48.36" N	006° 05' 26.52" W
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53° 16' 48.72" N	006° 05' 29.22" W
53° 16' 48.72" N	006° 05' 29.47" W
53° 16' 48.72" N	006° 05' 31.38" W
53° 16' 48.72" N	006° 05' 33.25" W
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53° 16' 46.2" N	006° 05' 40.42" W
53° 16' 45.84" N	006° 05' 41.03" W
53° 16' 45.84" N	006° 05' 41.1" W
53° 16' 45.48" N	006° 05' 41.39" W
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53° 16' 46.2" N	006° 05' 55.07" W
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53° 16' 52.32" N	006° 06' 1.19" W
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53° 16' 57.72" N	006° 06' 4.14" W
53° 17' 2.76" N	006° 06' 9.72" W
53° 17' 3.84" N	006° 06' 11.41" W
53° 17' 4.2" N	006° 06' 16.38" W
53° 17' 5.64" N	006° 06' 17.82" W
53° 17' 6.72" N	006° 06' 17.86" W
53° 17' 8.52" N	006° 06' 21.24" W

Latitude	Longitude
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53° 17' 8.88" N	006° 06' 26.6" W
53° 17' 8.16" N	006° 06' 26.82" W
53° 17' 6.36" N	006° 06' 26.46" W
53° 17' 7.8" N	006° 06' 29.74" W
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53° 17' 10.68" N	006° 06' 30.85" W
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53° 17' 13.56" N	006° 06' 34.74" W
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53° 17' 15.0" N	006° 06' 35.96" W
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53° 17' 16.44" N	006° 06' 37.44" W
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53° 17' 23.28" N	006° 06' 46.76" W
53° 17' 23.28" N	006° 06' 47.16" W
53° 17' 22.56" N	006° 06' 47.38" W
53° 17' 22.56" N	006° 06' 47.3" W
53° 17' 21.84" N	006° 06' 47.7" W
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53° 17' 22.56" N	006° 06' 47.95" W
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53° 17' 22.92" N	006° 06' 48.53" W
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53° 17' 23.64" N	006° 06' 48.6" W
53° 17' 23.64" N	006° 06' 49.25" W
53° 17' 23.64" N	006° 06' 49.46" W
53° 17' 24.0" N	006° 06' 50.0" W
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53° 17' 24.0" N	006° 06' 51.08" W
53° 17' 24.0" N	006° 06' 51.62" W
53° 17' 24.0" N	006° 06' 51.7" W
53° 17' 24.0" N	006° 06' 52.09" W
53° 17' 24.0" N	006° 06' 52.52" W
53° 17' 23.64" N	006° 06' 53.06" W
53° 17' 23.28" N	006° 06' 53.24" W
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Latitude	Longitude
53° 17' 22.2" N	006° 06' 53.5" W
53° 17' 21.84" N	006° 06' 53.6" W
53° 17' 21.48" N	006° 06' 53.71" W
53° 17' 21.48" N	006° 06' 53.71" W
53° 17' 21.12" N	006° 06' 53.68" W
53° 17' 18.96" N	006° 06' 53.6" W
53° 17' 18.6" N	006° 06' 54.07" W
53° 17' 18.6" N	006° 06' 54.4" W
53° 17' 18.24" N	006° 06' 54.61" W
53° 17' 17.88" N	006° 06' 55.12" W
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53° 17' 17.52" N	006° 06' 56.41" W
53° 17' 17.52" N	006° 06' 56.95" W
53° 17' 17.88" N	006° 06' 57.31" W
53° 17' 17.88" N	006° 06' 57.67" W
53° 17' 18.24" N	006° 06' 57.82" W
53° 17' 18.24" N	006° 06' 57.85" W
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53° 17' 18.96" N	006° 06' 58.36" W
53° 17' 19.32" N	006° 06' 58.75" W
53° 17' 19.68" N	006° 06' 59.47" W
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53° 17' 19.68" N	006° 07' 1.45" W
53° 17' 19.32" N	006° 07' 1.7" W
53° 17' 19.32" N	006° 07' 1.7" W
53° 17' 18.96" N	006° 07' 1.56" W
53° 17' 18.96" N	006° 07' 1.38" W
53° 17' 18.96" N	006° 07' 1.27" W
53° 17' 18.96" N	006° 07' 1.02" W
53° 17' 18.6" N	006° 07' 0.7" W
53° 17' 18.6" N	006° 07' 0.37" W
53° 17' 18.24" N	006° 07' 0.23" W
53° 17' 18.24" N	006° 06' 59.94" W
53° 17' 17.88" N	006° 06' 59.72" W
53° 17' 17.88" N	006° 06' 59.69" W
53° 17' 17.88" N	006° 06' 59.69" W
53° 17' 17.88" N	006° 06' 59.87" W
53° 17' 17.88" N	006° 07' 0.37" W
53° 17' 17.88" N	006° 07' 0.95" W
53° 17' 17.88" N	006° 07' 1.16" W
53° 17' 17.88" N	006° 07' 1.81" W
53° 17' 17.88" N	006° 07' 2.17" W
53° 17' 17.88" N	006° 07' 2.78" W
53° 17' 17.88" N	006° 07' 3.36" W
53° 17' 18.24" N	006° 07' 3.97" W
53° 17' 18.24" N	006° 07' 4.69" W
53° 17' 18.24" N	006° 07' 5.3" W
53° 17' 18.24" N	006° 07' 5.77" W
53° 17' 18.6" N	006° 07' 6.28" W
53° 17' 18.6" N	006° 07' 6.56" W
53° 17' 18.6" N	006° 07' 7.07" W
53° 17' 18.6" N	006° 07' 7.61" W
53° 17' 18.6" N	006° 07' 8.4" W
53° 17' 18.6" N	006° 07' 9.26" W
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53° 17' 18.6" N	006° 07' 9.8" W
53° 17' 18.24" N	006° 07' 10.34" W
53° 17' 17.88" N	006° 07' 11.1" W
53° 17' 17.88" N	006° 07' 11.86" W
53° 17' 17.88" N	006° 07' 13.08" W
53° 17' 18.24" N	006° 07' 13.98" W
53° 17' 18.24" N	006° 07' 14.56" W
53° 17' 18.6" N	006° 07' 14.99" W
53° 17' 18.96" N	006° 07' 15.17" W
53° 17' 18.96" N	006° 07' 15.2" W
53° 17' 19.32" N	006° 07' 15.17" W
53° 17' 19.68" N	006° 07' 15.28" W
53° 17' 20.04" N	006° 07' 15.35" W
53° 17' 20.4" N	006° 07' 15.82" W
53° 17' 20.4" N	006° 07' 16.21" W
53° 17' 20.4" N	006° 07' 16.82" W
53° 17' 20.4" N	006° 07' 17.04" W
53° 17' 20.04" N	006° 07' 17.26" W
53° 17' 20.04" N	006° 07' 17.47" W
53° 17' 20.04" N	006° 07' 18.8" W
53° 17' 20.04" N	006° 07' 19.16" W
53° 17' 20.04" N	006° 07' 19.74" W
53° 17' 20.04" N	006° 07' 20.53" W
53° 17' 20.04" N	006° 07' 21.18" W
53° 17' 20.04" N	006° 07' 21.65" W
53° 17' 19.68" N	006° 07' 22.01" W
53° 17' 19.32" N	006° 07' 22.37" W
53° 17' 19.32" N	006° 07' 22.69" W
53° 17' 19.68" N	006° 07' 22.84" W
53° 17' 20.04" N	006° 07' 23.27" W
53° 17' 20.4" N	006° 07' 23.56" W
53° 17' 20.76" N	006° 07' 23.77" W

Latitude	Longitude
53° 17' 20.76" N	006° 07' 24.06" W
53° 17' 21.48" N	006° 07' 24.56" W
53° 17' 21.84" N	006° 07' 25.14" W
53° 17' 22.2" N	006° 07' 25.5" W
53° 17' 22.56" N	006° 07' 25.82" W
53° 17' 22.56" N	006° 07' 26.11" W
53° 17' 22.92" N	006° 07' 26.08" W
53° 17' 22.92" N	006° 07' 26.18" W
53° 17' 23.28" N	006° 07' 26.18" W
53° 17' 23.64" N	006° 07' 26.72" W
53° 17' 23.64" N	006° 07' 26.83" W
53° 17' 23.64" N	006° 07' 27.19" W
53° 17' 23.64" N	006° 07' 27.44" W
53° 17' 23.64" N	006° 07' 27.66" W
53° 17' 24.0" N	006° 07' 27.7" W
53° 17' 24.0" N	006° 07' 27.84" W
53° 17' 24.36" N	006° 07' 27.91" W
53° 17' 24.36" N	006° 07' 28.2" W
53° 17' 24.36" N	006° 07' 28.24" W
53° 17' 24.72" N	006° 07' 28.38" W
53° 17' 25.08" N	006° 07' 28.34" W
53° 17' 25.44" N	006° 07' 28.56" W
53° 17' 25.8" N	006° 07' 28.6" W
53° 17' 25.8" N	006° 07' 28.85" W
53° 17' 25.8" N	006° 07' 28.96" W
53° 17' 25.8" N	006° 07' 29.64" W
53° 17' 25.44" N	006° 07' 30.43" W
53° 17' 25.44" N	006° 07' 30.25" W
53° 17' 25.08" N	006° 07' 30.11" W
53° 17' 25.08" N	006° 07' 30.32" W
53° 17' 25.08" N	006° 07' 30.5" W
53° 17' 25.08" N	006° 07' 30.72" W
53° 17' 25.08" N	006° 07' 31.12" W
53° 17' 25.44" N	006° 07' 31.51" W
53° 17' 25.44" N	006° 07' 31.84" W
53° 17' 25.44" N	006° 07' 32.34" W
53° 17' 25.44" N	006° 07' 32.77" W
53° 17' 25.8" N	006° 07' 33.1" W
53° 17' 25.8" N	006° 07' 33.28" W
53° 17' 26.16" N	006° 07' 34.21" W
53° 17' 26.16" N	006° 07' 34.39" W
53° 17' 26.52" N	006° 07' 34.64" W
53° 17' 26.52" N	006° 07' 35.18" W
53° 17' 26.52" N	006° 07' 35.33" W
53° 17' 26.88" N	006° 07' 35.83" W
53° 17' 27.24" N	006° 07' 36.34" W
53° 17' 27.96" N	006° 07' 36.19" W
53° 17' 28.32" N	006° 07' 36.34" W
53° 17' 28.68" N	006° 07' 36.41" W
53° 17' 29.04" N	006° 07' 36.44" W
53° 17' 29.4" N	006° 07' 37.63" W
53° 17' 30.84" N	006° 07' 39.11" W
53° 17' 30.84" N	006° 07' 39.43" W
53° 17' 31.2" N	006° 07' 40.08" W
53° 17' 31.92" N	006° 07' 41.16" W
53° 17' 32.64" N	006° 07' 42.02" W
53° 17' 33.0" N	006° 07' 43.07" W
53° 17' 33.36" N	006° 07' 43.82" W
53° 17' 34.08" N	006° 07' 44.83" W
53° 17' 33.72" N	006° 07' 45.41" W
53° 17' 33.72" N	006° 07' 45.59" W
53° 17' 52.08" N	006° 07' 27.52" W
53° 18' 0.72" N	006° 07' 25.57" W
53° 18' 2.16" N	006° 07' 26.4" W
53° 18' 7.2" N	006° 07' 31.33" W
53° 18' 8.64" N	006° 07' 32.88" W
53° 18' 9.36" N	006° 07' 37.27" W
53° 18' 7.92" N	006° 07' 37.13" W
53° 18' 7.92" N	006° 07' 34.79" W
53° 18' 1.08" N	006° 07' 27.55" W
53° 17' 53.52" N	006° 07' 28.7" W
53° 17' 51.72" N	006° 07' 29.89" W
53° 17' 36.6" N	006° 07' 45.52" W
53° 17' 35.52" N	006° 07' 46.92" W
53° 17' 36.96" N	006° 07' 51.46" W
53° 17' 39.12" N	006° 07' 54.41" W
53° 17' 42.72" N	006° 07' 56.24" W
53° 17' 44.16" N	006° 07' 57.61" W
53° 17' 45.24" N	006° 07' 58.84" W
53° 17' 48.12" N	006° 07' 55.34" W
53° 17' 50.64" N	006° 08' 0.92" W
53° 17' 46.68" N	006° 08' 5.35" W
53° 17' 47.04" N	006° 08' 15.72" W
53° 17' 47.76" N	006° 08' 18.02" W
53° 17' 49.92" N	006° 08' 21.26" W
53° 17' 52.44" N	006° 08' 26.7" W
53° 17' 52.44" N	006° 08' 28.25" W

Latitude	Longitude
53° 17' 49.56" N	006° 08' 32.06" W
53° 17' 48.84" N	006° 08' 35.34" W
53° 17' 48.84" N	006° 08' 36.49" W
53° 17' 47.04" N	006° 08' 36.31" W
53° 17' 46.32" N	006° 08' 39.08" W
53° 17' 45.24" N	006° 08' 46.72" W
53° 17' 47.76" N	006° 08' 48.34" W
53° 17' 49.2" N	006° 08' 47.65" W
53° 17' 51.72" N	006° 08' 43.04" W
53° 18' 9.36" N	006° 08' 21.3" W
53° 18' 13.32" N	006° 08' 8.34" W
53° 18' 13.68" N	006° 08' 4.92" W
53° 18' 12.6" N	006° 07' 55.38" W
53° 18' 11.52" N	006° 07' 50.09" W
53° 18' 12.96" N	006° 07' 52.03" W
53° 18' 14.04" N	006° 07' 55.81" W
53° 18' 15.12" N	006° 08' 5.53" W
53° 18' 10.08" N	006° 08' 22.02" W
53° 17' 53.16" N	006° 08' 43.08" W
53° 17' 50.28" N	006° 08' 48.34" W
53° 17' 50.64" N	006° 08' 51.04" W
53° 17' 50.28" N	006° 08' 56.87" W
53° 17' 49.56" N	006° 08' 58.7" W
53° 17' 47.4" N	006° 09' 1.58" W
53° 17' 46.68" N	006° 09' 1.94" W
53° 17' 49.56" N	006° 09' 2.02" W
53° 17' 49.2" N	006° 09' 2.34" W
53° 17' 48.48" N	006° 09' 3.17" W
53° 17' 48.12" N	006° 09' 4.0" W
53° 17' 47.4" N	006° 09' 5.15" W
53° 17' 47.04" N	006° 09' 5.8" W
53° 17' 46.68" N	006° 09' 7.31" W
53° 17' 46.68" N	006° 09' 8.1" W
53° 17' 46.32" N	006° 09' 8.75" W
53° 17' 46.32" N	006° 09' 9.18" W
53° 17' 46.32" N	006° 09' 9.76" W
53° 17' 46.32" N	006° 09' 10.19" W
53° 17' 46.68" N	006° 09' 12.31" W
53° 17' 44.52" N	006° 09' 13.18" W
53° 17' 44.52" N	006° 09' 13.32" W
53° 17' 45.6" N	006° 09' 21.24" W
53° 17' 49.92" N	006° 09' 33.41" W
53° 17' 54.24" N	006° 09' 36.43" W
53° 17' 53.52" N	006° 09' 38.2" W
53° 17' 57.84" N	006° 09' 55.84" W
53° 18' 1.08" N	006° 10' 6.96" W
53° 18' 3.24" N	006° 10' 10.81" W
53° 18' 5.76" N	006° 10' 27.16" W
53° 18' 10.08" N	006° 10' 41.34" W
53° 18' 11.52" N	006° 10' 41.3" W
53° 18' 11.52" N	006° 10' 45.01" W
53° 18' 27.36" N	006° 11' 24.22" W
53° 18' 35.64" N	006° 11' 41.28" W
53° 18' 45.72" N	006° 11' 56.94" W
53° 18' 56.52" N	006° 12' 12.89" W
53° 19' 3.36" N	006° 12' 17.1" W
53° 19' 6.6" N	006° 12' 18.22" W
53° 19' 8.76" N	006° 12' 20.77" W
53° 19' 10.2" N	006° 12' 21.02" W
53° 19' 15.24" N	006° 12' 20.48" W
53° 19' 30.0" N	006° 12' 23.08" W
53° 19' 37.92" N	006° 12' 28.48" W
53° 19' 44.76" N	006° 12' 30.46" W
53° 19' 49.08" N	006° 12' 32.4" W
53° 19' 55.56" N	006° 12' 37.22" W
53° 19' 58.08" N	006° 12' 38.38" W
53° 20' 0.24" N	006° 12' 41.18" W
53° 20' 2.76" N	006° 12' 45.43" W
53° 20' 3.84" N	006° 12' 46.37" W
53° 20' 5.64" N	006° 12' 46.12" W
53° 20' 7.08" N	006° 12' 45.14" W
53° 20' 13.92" N	006° 12' 35.03" W
53° 20' 11.4" N	006° 12' 29.27" W
53° 20' 8.88" N	006° 12' 8.57" W
53° 20' 6.36" N	006° 11' 40.09" W
53° 20' 13.92" N	006° 11' 35.74" W
53° 20' 15.0" N	006° 11' 30.95" W
53° 20' 15.36" N	006° 10' 57.07" W
53° 20' 18.96" N	006° 10' 55.78" W
53° 20' 20.4" N	006° 10' 54.3" W
53° 20' 20.4" N	006° 10' 48.32" W
53° 20' 21.84" N	006° 10' 46.67" W
53° 20' 23.64" N	006° 10' 46.81" W
53° 20' 25.44" N	006° 10' 45.91" W
53° 20' 26.16" N	006° 10' 43.68" W
53° 20' 25.44" N	006° 10' 41.59" W
53° 20' 26.88" N	006° 10' 35.15" W

Latitude	Longitude
53° 20' 27.96" N	006° 09' 41.87" W
53° 20' 27.6" N	006° 09' 35.71" W
53° 20' 31.2" N	006° 09' 5.04" W
53° 20' 31.56" N	006° 09' 8.06" W
53° 20' 28.32" N	006° 09' 35.32" W
53° 20' 28.68" N	006° 09' 42.52" W
53° 20' 27.6" N	006° 10' 42.06" W
53° 20' 32.64" N	006° 10' 42.31" W
53° 20' 31.92" N	006° 11' 29.62" W
53° 20' 28.68" N	006° 11' 33.0" W
53° 20' 29.04" N	006° 11' 41.89" W
53° 20' 29.4" N	006° 11' 42.58" W
53° 20' 30.84" N	006° 11' 42.97" W
53° 20' 30.84" N	006° 11' 50.28" W
53° 20' 29.04" N	006° 11' 52.84" W
53° 20' 29.04" N	006° 11' 54.13" W
53° 20' 32.64" N	006° 11' 52.58" W
53° 20' 33.72" N	006° 12' 12.38" W
53° 20' 40.92" N	006° 12' 11.52" W
53° 20' 42.36" N	006° 12' 10.26" W
53° 20' 42.36" N	006° 12' 1.19" W
53° 20' 52.8" N	006° 12' 0.22" W
53° 20' 53.16" N	006° 11' 53.88" W
53° 20' 52.08" N	006° 11' 52.73" W
53° 20' 43.08" N	006° 11' 52.58" W
53° 20' 42.0" N	006° 11' 51.5" W
53° 20' 41.28" N	006° 11' 49.06" W
53° 20' 42.72" N	006° 11' 42.32" W
53° 20' 42.72" N	006° 11' 35.2" W
53° 20' 45.6" N	006° 11' 35.95" W
53° 20' 53.88" N	006° 11' 35.63" W
53° 20' 53.16" N	006° 11' 31.49" W
53° 20' 52.08" N	006° 11' 29.33" W
53° 20' 48.12" N	006° 11' 29.33" W
53° 20' 43.8" N	006° 11' 26.41" W
53° 20' 43.08" N	006° 11' 24.18" W
53° 20' 43.08" N	006° 11' 21.48" W
53° 20' 44.88" N	006° 11' 20.11" W
53° 20' 57.48" N	006° 11' 19.86" W
53° 21' 1.8" N	006° 11' 19.75" W
53° 21' 2.16" N	006° 11' 43.26" W
53° 21' 2.88" N	006° 11' 44.95" W
53° 21' 6.84" N	006° 11' 44.7" W
53° 21' 7.56" N	006° 10' 57.94" W
53° 20' 58.92" N	006° 09' 48.85" W
53° 21' 22.68" N	006° 05' 4.27" W
53° 21' 20.16" N	006° 03' 32.94" W
53° 20' 20.76" N	006° 02' 6.97" W
53° 17' 38.04" N	006° 01' 48.43" W
53° 17' 15.0" N	006° 01' 17.98" W
53° 09' 55.8" N	005° 56' 42.18" W
53° 09' 6.12" N	005° 55' 58.8" W
53° 08' 50.28" N	005° 43' 4.26" W
53° 06' 39.96" N	005° 42' 26.86" W
53° 06' 34.92" N	005° 42' 26.89" W
53° 06' 13.32" N	005° 42' 20.7" W
53° 05' 52.8" N	005° 42' 20.88" W
53° 05' 31.2" N	005° 42' 14.69" W
53° 04' 58.44" N	005° 42' 14.94" W
53° 04' 40.44" N	005° 42' 9.79" W
53° 04' 34.68" N	005° 42' 9.86" W
53° 04' 13.08" N	005° 42' 3.67" W
53° 03' 51.84" N	005° 42' 3.85" W
53° 03' 46.8" N	005° 42' 5.8" W
53° 03' 43.2" N	005° 42' 4.93" W
53° 03' 34.92" N	005° 42' 8.32" W
53° 03' 21.96" N	005° 42' 5.11" W
53° 03' 16.92" N	005° 42' 7.31" W
53° 02' 8.52" N	005° 40' 58.91" W
52° 59' 33.36" N	005° 40' 14.52" W
52° 59' 33.0" N	005° 40' 21.47" W
52° 59' 31.56" N	005° 52' 27.48" W
52° 58' 41.52" N	005° 55' 39.68" W
52° 58' 28.92" N	005° 56' 29.22" W
52° 58' 47.64" N	005° 58' 23.99" W
52° 58' 40.44" N	006° 00' 55.98" W
52° 58' 34.68" N	006° 01' 8.62" W
52° 58' 34.68" N	006° 01' 8.62" W
52° 58' 34.68" N	006° 01' 8.69" W
52° 58' 31.08" N	006° 01' 16.54" W
52° 58' 30.72" N	006° 01' 17.58" W
52° 58' 32.16" N	006° 01' 18.77" W
52° 58' 34.32" N	006° 01' 19.49" W
52° 58' 35.76" N	006° 01' 18.16" W
52° 58' 36.84" N	006° 01' 19.02" W
52° 58' 40.08" N	006° 01' 25.21" W
52° 58' 40.44" N	006° 01' 39.79" W

Latitude	Longitude
52° 58' 41.16" N	006° 01' 41.56" W
52° 58' 44.76" N	006° 01' 45.23" W
52° 58' 46.2" N	006° 01' 45.48" W
52° 58' 46.56" N	006° 01' 47.6" W
52° 58' 49.8" N	006° 01' 51.46" W
52° 58' 51.24" N	006° 01' 50.12" W
52° 58' 52.68" N	006° 01' 51.42" W
52° 58' 53.76" N	006° 01' 55.74" W
52° 58' 59.52" N	006° 02' 3.12" W
52° 58' 57.36" N	006° 02' 1.25" W
52° 58' 54.48" N	006° 01' 57.86" W
52° 58' 50.16" N	006° 02' 0.1" W
52° 58' 49.8" N	006° 02' 2.0" W
52° 58' 48.72" N	006° 02' 5.86" W
52° 58' 49.08" N	006° 02' 8.63" W
52° 58' 49.08" N	006° 02' 15.0" W
52° 58' 50.52" N	006° 02' 27.92" W
52° 58' 51.6" N	006° 02' 29.58" W
52° 58' 52.32" N	006° 02' 29.83" W
52° 58' 52.68" N	006° 02' 27.74" W
52° 58' 51.6" N	006° 02' 24.83" W
52° 58' 50.16" N	006° 02' 16.66" W
52° 58' 50.16" N	006° 02' 7.62" W
52° 58' 51.6" N	006° 02' 5.78" W
52° 58' 53.04" N	006° 02' 5.86" W
52° 58' 52.68" N	006° 02' 13.78" W
52° 58' 54.12" N	006° 02' 17.84" W
52° 58' 57.72" N	006° 02' 21.48" W
52° 58' 59.88" N	006° 02' 13.09" W
52° 58' 57.72" N	006° 02' 23.14" W
52° 58' 58.44" N	006° 02' 24.94" W
52° 59' 4.92" N	006° 02' 31.99" W
52° 59' 13.92" N	006° 02' 39.37" W
52° 59' 23.28" N	006° 02' 45.89" W
52° 59' 28.32" N	006° 02' 48.52" W
52° 59' 36.6" N	006° 02' 52.01" W
52° 59' 53.88" N	006° 02' 56.83" W
52° 59' 56.04" N	006° 02' 56.76" W
53° 00' 9.36" N	006° 02' 58.06" W
53° 00' 24.48" N	006° 02' 59.57" W
53° 01' 5.16" N	006° 02' 58.31" W
53° 01' 31.44" N	006° 02' 55.46" W
53° 01' 45.48" N	006° 02' 53.95" W
53° 02' 3.48" N	006° 02' 50.28" W
53° 02' 35.52" N	006° 02' 40.31" W
53° 02' 59.64" N	006° 02' 31.78" W
53° 03' 0.72" N	006° 02' 22.52" W
53° 03' 0.72" N	006° 02' 22.38" W
53° 03' 45.36" N	005° 56' 18.28" W
53° 07' 51.96" N	005° 58' 57.18" W
53° 07' 24.6" N	006° 02' 29.87" W
53° 07' 24.6" N	006° 02' 29.98" W
53° 07' 23.16" N	006° 02' 37.82" W
53° 07' 27.84" N	006° 02' 39.98" W
53° 07' 48.0" N	006° 02' 52.26" W
53° 08' 4.2" N	006° 03' 5.15" W
53° 08' 18.24" N	006° 03' 19.01" W
53° 08' 23.28" N	006° 03' 24.8" W
53° 08' 38.4" N	006° 03' 35.68" W
53° 08' 39.84" N	006° 03' 36.22" W
53° 08' 41.64" N	006° 03' 36.18" W
53° 08' 44.88" N	006° 03' 34.49" W
53° 08' 47.76" N	006° 03' 33.7" W
53° 08' 52.8" N	006° 03' 35.78" W
53° 08' 53.52" N	006° 03' 37.66" W
53° 08' 54.96" N	006° 03' 45.61" W
53° 08' 56.04" N	006° 03' 46.87" W
53° 08' 59.28" N	006° 03' 46.26" W
53° 09' 1.08" N	006° 03' 46.37" W
53° 09' 1.44" N	006° 03' 45.68" W
53° 09' 2.16" N	006° 03' 46.37" W
53° 09' 2.52" N	006° 03' 45.54" W
53° 09' 3.96" N	006° 03' 45.79" W
53° 09' 5.04" N	006° 03' 46.15" W
53° 09' 5.4" N	006° 03' 46.48" W
53° 09' 7.2" N	006° 03' 46.48" W
53° 09' 8.28" N	006° 03' 48.2" W
53° 09' 9.0" N	006° 03' 50.54" W
53° 09' 9.72" N	006° 03' 51.37" W
53° 09' 12.6" N	006° 03' 55.3" W
53° 09' 14.4" N	006° 03' 58.86" W
53° 09' 15.48" N	006° 04' 2.21" W
53° 09' 16.2" N	006° 04' 4.15" W
53° 09' 16.92" N	006° 04' 5.92" W
53° 09' 17.64" N	006° 04' 7.07" W
53° 09' 18.36" N	006° 04' 8.69" W
53° 09' 18.36" N	006° 04' 10.52" W

Latitude	Longitude
53° 09' 18.36" N	006° 04' 13.98" W
53° 09' 19.8" N	006° 04' 15.02" W
53° 09' 21.96" N	006° 04' 16.82" W
53° 09' 21.96" N	006° 04' 17.51" W
53° 09' 24.12" N	006° 04' 19.06" W
53° 09' 25.2" N	006° 04' 14.56" W
53° 09' 25.2" N	006° 04' 13.73" W
53° 09' 48.6" N	006° 02' 10.36" W
53° 09' 55.08" N	006° 01' 35.72" W
53° 10' 40.8" N	006° 02' 14.21" W
53° 11' 21.84" N	006° 02' 49.92" W
53° 11' 52.08" N	006° 03' 16.16" W
53° 13' 3.36" N	006° 04' 16.86" W
53° 12' 37.44" N	006° 06' 5.76" W
53° 12' 37.44" N	006° 06' 5.76" W
53° 12' 37.08" N	006° 06' 8.86" W
53° 12' 38.88" N	006° 06' 9.97" W
53° 12' 46.8" N	006° 06' 12.74" W
53° 13' 0.84" N	006° 06' 15.88" W
53° 13' 16.32" N	006° 06' 21.2" W
53° 13' 25.32" N	006° 06' 23.18" W
53° 13' 41.52" N	006° 06' 28.3" W
53° 13' 48.72" N	006° 06' 28.66" W
53° 13' 55.56" N	006° 06' 29.84" W
53° 14' 5.64" N	006° 06' 36.43" W
53° 14' 15.72" N	006° 06' 39.17" W
53° 14' 26.16" N	006° 06' 42.55" W
53° 14' 37.68" N	006° 06' 43.7" W
53° 14' 45.96" N	006° 06' 45.32" W
53° 14' 52.44" N	006° 06' 45.0" W
53° 14' 53.88" N	006° 06' 44.6" W
53° 14' 57.12" N	006° 06' 42.8" W
53° 15' 0.0" N	006° 06' 42.7" W
53° 15' 11.88" N	006° 06' 44.42" W
53° 15' 24.48" N	006° 06' 43.63" W
53° 15' 32.04" N	006° 06' 41.62" W
53° 15' 39.6" N	006° 06' 37.04" W
53° 15' 47.52" N	006° 06' 30.89" W
53° 15' 49.32" N	006° 06' 28.98" W
53° 15' 50.76" N	006° 06' 28.87" W
53° 15' 56.16" N	006° 06' 24.8" W
53° 15' 59.4" N	006° 06' 20.34" W
53° 16' 0.84" N	006° 06' 13.1" W
53° 16' 1.92" N	006° 06' 12.71" W
53° 16' 3.0" N	006° 06' 11.05" W
53° 16' 5.52" N	006° 06' 3.13" W
53° 16' 7.32" N	006° 05' 59.75" W
53° 16' 8.04" N	006° 05' 56.98" W
53° 16' 7.68" N	006° 05' 53.95" W
53° 16' 8.4" N	006° 05' 51.83" W
53° 16' 11.64" N	006° 05' 47.72" W
53° 16' 14.16" N	006° 05' 40.81" W
53° 16' 12.36" N	006° 05' 32.28" W
53° 16' 13.08" N	006° 05' 29.04" W
53° 16' 14.16" N	006° 05' 28.9" W
53° 16' 13.8" N	006° 05' 25.04" W
53° 16' 12.72" N	006° 05' 18.85" W
53° 20' 16.44" N	006° 10' 48.36" W
53° 20' 15.36" N	006° 10' 53.08" W
53° 19' 58.08" N	006° 11' 4.34" W
53° 19' 58.08" N	006° 11' 0.2" W
53° 20' 16.44" N	006° 10' 48.36" W