

## Notice to Mariners - Hornsea Project Two

## Notice of Export Cable Corridor Boulder Clearance - Updated Vessel Details 12/03/2021

## 1. INTRODUCTION

Mariners are advised that Ørsted will be recommencing boulder clearance activities within the export cable corridor for the Hornsea Project Two Offshore Wind Farm on or around $25^{\text {th }}$ March 2021. Updated vessel details for Atlantic Tonjer have been provided in Section 6 of this notice.

## 2. AREA OF OPERATIONS

Activities will focus on the Hornsea Project Two offshore wind farm as shown in Figure 1. The coordinates of the proposed survey are appended to the end of this Notice. Mariners are advised that MaxSea and Olex plotter files of the proposed works area can be provided by the Project's Commercial Fisheries Advisors at Brown and May Marine Limited and the Project's onshore fisheries liaison. Contact details are provided in Section 5 of this Notice.

Note that these works will be carried out alongside ongoing survey and seabed preparation and construction activities for Hornsea Project Two.

## Orsted

Figure 1. Proposed Boulder Clearance Area


## 3. PROPOSED ACTIVITIES

### 3.1 Boulder Clearance

Please be advised that Hornsea Project Two will be continuing boulder clearance within the export cable corridor using the Atlantic Tonjer on or around $25^{\text {th }}$ March 2021. The works will continue intermittently through to Q2 2021. This Notice will be updated and re-issued when works are completed.

Note that the vessels will have limited manoeuvrability and it is requested that all vessels operating near the vessels maintain a safe distance (at least 500 m ) and pass all vessels at minimum speed.

### 3.2 Safety

It is requested that anybody having knowledge of any potential objects submerged or moored on the seabed within the works area that could be damaged or form a hazard to the vessel and its equipment advises the Project's Fishing Industry Liaison of their position and nature. The Project has also requested the clearance of static fishing gear within the boundary shown in Figure 1 and described in Section 7 of this Notice. When works commence a listening watch will be maintained on VHF Channel 12 and 16 when within the appropriate port authority area and will actively transmit an AIS signal.

## 4. IMMEDIATE CONTACTS

The contents of this notice are based upon our current understanding of Project Two requirements. A further notice will be issued once operations are completed.

Enquiries regarding the contents of this Notice to Mariners or any other matters should be directed to:

| Project Manager (Ørsted - <br> Export Cables) <br> (Office hours only) | James Grieve |  |
| :--- | :--- | :--- |
|  | Tel: +447554187847 | E-mail: xgrie@orsted.co.uk |
| Project Manager <br> (Boskalis - Export Cables) <br> (Office hours only) | Paul Schipper | Tel: +31650084231 |

## 5. FISHERIES LIAISON

Onshore Fisheries Liaison is provided by Nick Garside and Sophie Farenden who can be contacted on:

| E-mail: nick.garside@live.co.uk | Mob: $+44(0) 7538827013$ |
| :--- | :--- |
| Email: sophie.farenden@brownmay.com | Mob: $+44(0) 7525128344$ |

An Offshore Fisheries Liaison Officer is onboard the Emswind Guard Vessel and Defiant Guard Vessel, contactable on VHF channel 16, if required.

In the event the Onshore Fisheries Liaison is not contactable please direct fisheries enquiries related to the works to the Ørsted Company Fisheries Liaison Officer:

| Company Fisheries Liaison Officer - <br> Courtney French | Tel: $+44(0) 7796447372$ | E-mail: CONFR@orsted.co.uk |
| :--- | :--- | :--- |

6. VESSELS

Operations will be conducted by the Atlantic Tonjer. Additional vessels may mobilise to site to continue works. Contact can be made directly with the vessels, where necessary, using the contact details listed below. Client and contractor contact details are provided in Section 4 and 5 of this NtM.

| Vessel Details - Atlantic Tonjer |  |
| :---: | :---: |
|  |  |
| Vessel Type / Function | Boulder Relocation |
| Vessel telephone | VOIP phone Bridge: 01273974231 |
| Vessel email | tonjer@castleshiptm.com Master.Tonjer@castleshiptm.com |
| Call Sign | HOBO |
| MMSI | 374032000 |

## 7. COORDINATES

| Latitude | Longitude |
| :---: | :---: |
| (WGS84) | (WGS84) |
| $53^{\circ} 59 ' 47,212^{\prime \prime} \mathrm{N}$ | $2^{\circ} 4^{\prime} 13,879{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 57{ }^{\prime} 33,751^{\prime \prime} \mathrm{N}$ | $2^{\circ} 6^{\prime} 35,650$ " E |
| $53^{\circ} 57{ }^{\prime} 15,701^{\prime \prime} \mathrm{N}$ | $2^{\circ} 6^{\prime} 36,035{ }^{\prime \prime} \mathrm{E}$ |
| 53 $57{ }^{\prime} 6,478{ }^{\prime \prime} \mathrm{N}$ | $2^{\circ} 6^{\prime} 18,896{ }^{\prime \prime}$ E |
| $53^{\circ} 56{ }^{\prime} 59,777{ }^{\prime \prime} \mathrm{N}$ | $2^{\circ} 5^{\prime}$ 28,497" E |
| $53^{\circ} 56{ }^{\prime} 42,915^{\prime \prime} \mathrm{N}$ | $2^{\circ} 5^{\prime} 36,351^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 56{ }^{\prime} 28,883^{\prime \prime} \mathrm{N}$ | $2^{\circ} 5^{\prime} 17,519^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 56{ }^{\prime} 3,483 " \mathrm{~N}$ | $2^{\circ} 2^{\prime} 8,588{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 55^{\prime} 27,479^{\prime \prime} \mathrm{N}$ | $2^{\circ} 2^{\prime} 46,083^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 55^{\prime} 15,410^{\prime \prime} \mathrm{N}$ | $2^{\circ} 2^{\prime} 44,720 " \mathrm{E}$ |
| $53^{\circ} 55{ }^{\prime} 6,438{ }^{\prime \prime} \mathrm{N}$ | $2^{\circ} 2^{\prime} 32,255^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 54{ }^{\prime} 43,304 " \mathrm{~N}$ | $1^{\circ} 59$ ' 50,397" E |


| Latitude | Longitude |
| :---: | :---: |
| (WGS84) | (WGS84) |
| 53 ${ }^{\circ} 54{ }^{\prime} 49,180 " \mathrm{~N}$ | 10 59' 21,898" E |
| $53^{\circ} 55^{\prime} 12,752^{\prime \prime} \mathrm{N}$ | $1^{\circ} 59{ }^{\prime} 2,060$ " E |
| $53^{\circ} 54{ }^{\prime} 48,758^{\prime \prime} \mathrm{N}$ | $1^{\circ} 56{ }^{\prime} 10,242^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 55^{\prime} 4,977{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 55{ }^{\prime} 8,846{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 55^{\prime} 17,637^{\prime \prime} \mathrm{N}$ | $1^{\circ} 53{ }^{\prime} 38,207^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 55^{\prime} 12,551^{\prime \prime} \mathrm{N}$ | $1^{\circ} 52 \cdot 45,906{ }^{\prime \prime} \mathrm{E}$ |
| 53 ${ }^{\circ} 55^{\prime} 19,225^{\prime \prime} \mathrm{N}$ | $1^{\circ} 52{ }^{\prime} 28,565{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 56{ }^{\prime} 0,723^{\prime \prime} \mathrm{N}$ | $1^{\circ} 51{ }^{\prime} 42,606{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 55^{\prime} 28,077^{\prime \prime} \mathrm{N}$ | $1^{\circ} 47{ }^{\prime} 37,142^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 55^{\prime} 35,546^{\prime \prime} \mathrm{N}$ | $1^{\circ} 47{ }^{\prime} 20,574^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 58{ }^{\prime} 20,012^{\prime \prime} \mathrm{N}$ | $1^{\circ} 44^{\prime} 17,211^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 58{ }^{\prime} 5,598{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 42{ }^{\prime} 39,466{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 56{ }^{\prime} 39,567^{\prime \prime} \mathrm{N}$ | $1^{\circ} 44^{\prime} 13,897{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 56{ }^{\prime} 25,332^{\prime \prime} \mathrm{N}$ | $1^{\circ} 44^{\prime} 17,657^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 56{ }^{\prime} 11,448^{\prime \prime} \mathrm{N}$ | $1^{\circ} 43^{\prime} 56,913{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 55^{\prime} 46,244^{\prime \prime} \mathrm{N}$ | $1^{\circ} 41^{\prime} 19,719^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 55^{\prime} 1,973 " \mathrm{~N}$ | $1^{\circ} 40^{\prime} 23,796{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 50 ' 2,447{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 39^{\prime} 30,939{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 49 ' 49,003^{\prime \prime} \mathrm{N}$ | $1^{\circ} 39{ }^{\prime} 16,731{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 49 ' 46,428^{\prime \prime} \mathrm{N}$ | $1^{\circ} 35{ }^{\prime} 32,259$ " E |
| $53^{\circ} 46$ ' 48,702" N | $1^{\circ} 28^{\prime} 4,620$ E |
| $53^{\circ} 46$ ' 42,946" N | $1^{\circ} 27{ }^{\prime} 31,338{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 43^{\prime} 49,843^{\prime \prime} \mathrm{N}$ | $1^{\circ} 20^{\prime} 24,581{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 42^{\prime} 44,084^{\prime \prime} \mathrm{N}$ | $1^{\circ} 15^{\prime} 38,529$ " E |
| $53^{\circ} 42^{\prime} 41,344^{\prime \prime} \mathrm{N}$ | $1^{\circ} 14^{\prime} 42,628{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 41^{\prime} 21,520 " \mathrm{~N}$ | $1^{\circ}{ }^{\prime}$ ' 20,997" E |
| $53^{\circ} 40{ }^{\prime} 22,700^{\prime \prime} \mathrm{N}$ | $1^{\circ} 6^{\prime} 37,474^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 39^{\prime} 47,066^{\prime \prime} \mathrm{N}$ | $1^{\circ} 5^{\prime} 28,175{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 38{ }^{\prime} 16,403^{\prime \prime} \mathrm{N}$ | $0^{\circ} 59{ }^{\prime}$ 25,479"E |
| $53^{\circ} 38^{\prime} 2,077{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 57{ }^{\prime} 59,391 " \mathrm{E}$ |
| $53^{\circ} 38^{\prime} 4,166^{\prime \prime} \mathrm{N}$ | $0^{\circ} 56{ }^{\prime} 57,224 " \mathrm{E}$ |
| $53^{\circ} 37{ }^{\prime} 58,937^{\prime \prime} \mathrm{N}$ | $0^{\circ} 56{ }^{\prime} 42,467{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 37{ }^{\prime} 33,594 " \mathrm{~N}$ | $0^{\circ} 56{ }^{\prime} 40,248{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 37{ }^{\prime} 31,948^{\prime \prime} \mathrm{N}$ | $0^{\circ} 55{ }^{\prime} 15,847{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 37{ }^{\prime} 47,540 " N$ | $0^{\circ} 55^{\prime} 10,458{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 37{ }^{\prime} 44,942^{\prime \prime} \mathrm{N}$ | $0^{\circ} 54{ }^{\prime} 9,203 " \mathrm{E}$ |
| $53^{\circ} 37{ }^{\prime} 14,693^{\prime \prime} \mathrm{N}$ | $0^{\circ} 51{ }^{\prime} 46,505{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 37{ }^{\prime} 14,455^{\prime \prime} \mathrm{N}$ | $0^{\circ} 49^{\prime} 47,661^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 36{ }^{\prime} 44,170^{\prime \prime} \mathrm{N}$ | $0^{\circ} 47{ }^{\prime} 39,734{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 36{ }^{\prime} 0,540 " \mathrm{~N}$ | $0^{\circ} 43 ' 53,312{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 35^{\prime} 29,375^{\prime \prime} \mathrm{N}$ | $0^{\circ} 42 ' 55,137{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 33^{\prime} 22,426^{\prime \prime} \mathrm{N}$ | $0^{\circ} 40$ ' 48,516" E |


| Latitude | Longitude |
| :---: | :---: |
| (WGS84) | (WGS84) |
| 53³ $32{ }^{\prime} 7,546{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 39 ' 51,893 " \mathrm{E}$ |
| $53^{\circ} 31{ }^{\prime} 43,170{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 38^{\prime} 30,952^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 31^{\prime} 12,017^{\prime \prime} \mathrm{N}$ | $0^{\circ} 38{ }^{\prime} 4,665{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 30^{\prime} 18,230 " \mathrm{~N}$ | $0^{\circ} 32 \cdot 55,750{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 29^{\prime} 22,551^{\prime \prime} \mathrm{N}$ | $0^{\circ} 26^{\prime} 30,856 " \mathrm{E}$ |
| $53^{\circ} 29^{\prime} 12,115^{\prime \prime} \mathrm{N}$ | $0^{\circ} 24^{\prime} 45,142^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 28^{\prime} 29,570{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 20^{\prime} 21,581{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 28^{\prime} 37,086 " \mathrm{~N}$ | $0^{\circ} 19^{\prime} 22,247{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 29^{\prime} 50,796{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 16^{\prime} 18,425{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 30 \cdot 54,775^{\prime \prime} \mathrm{N}$ | $0^{\circ} 14^{\prime} 10,391{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 31{ }^{\prime} 2,707^{\prime \prime} \mathrm{N}$ | $0^{\circ} 13^{\prime} 24,903 " \mathrm{E}$ |
| $53^{\circ} 31{ }^{\prime} 31,865^{\prime \prime} \mathrm{N}$ | $0^{\circ} 12^{\prime} 8,960 " \mathrm{E}$ |
| $53^{\circ} 31^{\prime} 8,839{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 8^{\prime} 14,664 " E$ |
| $53^{\circ} 30 \cdot 56,336 " \mathrm{~N}$ | $0^{\circ} 7{ }^{\prime} 6,528{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 30^{\prime} 48,777^{\prime \prime} \mathrm{N}$ | $0^{\circ} 7^{\prime} 1,728^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 30 ' 39,121^{\prime \prime} \mathrm{N}$ | $0^{\circ} 6^{\prime} 17,311^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 30{ }^{\prime} 39,405{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 5^{\prime} 52,891{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 31^{\prime} 5,230 " \mathrm{~N}$ | $0^{\circ} 4{ }^{\prime} 40,609 " \mathrm{E}$ |
| $53^{\circ} 31 ' 48,148^{\prime \prime} \mathrm{N}$ | $0^{\circ} 5^{\prime} 14,392 "$ E |
| $53^{\circ} 32^{\prime} 0,611^{\prime \prime} \mathrm{N}$ | $0^{\circ} 5^{\prime} 54,673^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 31^{\prime} 55,416^{\prime \prime} \mathrm{N}$ | $0^{\circ} 6{ }^{\prime} 23,153^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 32 \cdot 11,157{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 8^{\prime}$ 27,502" E |
| $53^{\circ} 32 \cdot 31,751^{\prime \prime} \mathrm{N}$ | $0^{\circ} 12^{\prime} 37,383 " \mathrm{E}$ |
| $53^{\circ} 32^{\prime} 19,716^{\prime \prime} \mathrm{N}$ | $0^{\circ} 13^{\prime} 26,968{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 32^{\prime} 8,099{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 13{ }^{\prime} 44,182^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 29^{\prime} 28,003^{\prime \prime} \mathrm{N}$ | $0^{\circ} 20 ' 8,972 " E$ |
| $53^{\circ} 31^{\prime} 7,268{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 31{ }^{\prime} 29,653{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 31^{\prime} 33,595{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 34^{\prime} 20,769{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 32^{\prime} 0,629{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 36{ }^{\prime} 36,759{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 32^{\prime} 9,093{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 37{ }^{\prime} 40,901{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 32^{\prime} 4,863^{\prime \prime} \mathrm{N}$ | $0^{\circ} 38{ }^{\prime} 20,144 " \mathrm{E}$ |
| $53^{\circ} 32 \cdot 20,102 " N$ | $0^{\circ} 39{ }^{\prime} 23,807{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 33{ }^{\prime} 35,071^{\prime \prime} \mathrm{N}$ | $0^{\circ} 40$ ' 20,327" E |
| $53^{\circ} 35^{\prime} 40,809^{\prime \prime} \mathrm{N}$ | $0^{\circ} 42{ }^{\prime} 26,986 " \mathrm{E}$ |
| $53^{\circ} 36{ }^{\prime} 18,396{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 43 ' 39,237{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 36{ }^{\prime} 44,069 " N$ | $0^{\circ} 45{ }^{\prime} 23,338{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 37{ }^{\prime} 7,109^{\prime \prime} \mathrm{N}$ | $0^{\circ} 47{ }^{\prime} 34,987{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 37{ }^{\prime} 33,029{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 49 ' 10,746{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 37{ }^{\prime} 33,513{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 51{ }^{\prime} 28,386{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 38^{\prime} 2,090 " \mathrm{~N}$ | $0^{\circ} 53 ' 44,466 " \mathrm{E}$ |
| $53^{\circ} 38^{\prime} 9,119{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 55{ }^{\prime} 9,396 " \mathrm{E}$ |
| $53^{\circ} 38{ }^{\prime} 26,805{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 55^{\prime} 12,814{ }^{\prime \prime} \mathrm{E}$ |


| Latitude | Longitude |
| :---: | :---: |
| (WGS84) | (WGS84) |
| $53^{\circ} 38^{\prime} 28,306{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 56{ }^{\prime} 36,030$ E |
| $53^{\circ} 38^{\prime} 20,125^{\prime \prime} \mathrm{N}$ | 0ํ 56' 41,437" E |
| $53^{\circ} 38^{\prime} 24,187{ }^{\prime \prime} \mathrm{N}$ | $0^{\circ} 57{ }^{\prime} 1,622 " \mathrm{E}$ |
| $53^{\circ} 38^{\prime \prime} 21,625{ }^{\prime \prime} \mathrm{N}$ | 0ํ 57' 55,787" E |
| $53^{\circ} 38^{\prime} 37,874{ }^{\prime \prime} \mathrm{N}$ | 0ํ 59' 18,954" E |
| $53^{\circ} 40^{\prime} 39,445{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 5^{\prime} 39,744{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 41^{\prime} 15,927{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 6^{\prime} 49,625{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 41^{\prime} 48,180 " \mathrm{~N}$ | $1^{\circ}{ }^{\prime}$ 45,281" E |
| $53^{\circ} 43^{\prime} 0,796{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 14^{\prime} 34,354$ " E |
| $53^{\circ} 43^{\prime} 3,158{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 15^{\prime} 27,373$ " E |
| $53^{\circ} 44^{\prime} 5,955{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 20^{\prime} 8,767{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 45^{\prime} 51,124{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 23^{\prime} 36,801{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 47{ }^{\prime} 35,307{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 26^{\prime} 46,815$ " E |
| $53^{\circ} 47{ }^{\prime} 58,031{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 27^{\prime} 46,976{ }^{\prime \prime} \mathrm{E}$ |
| $53^{\circ} 49^{\prime} 40,483{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 30$ ' 32,038" E |
| $53^{\circ} 49 ' 47,250{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 30$ 53,561" E |
| $53^{\circ} 49 ' 47,882^{\prime \prime} \mathrm{N}$ | $1^{\circ} 26{ }^{\text {c }} 56,955$ " E |
| $53^{\circ} 49$ ' $52,264{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 26^{\prime} 39,020$ E |
| $53^{\circ} 50 ' 2,497{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 26{ }^{\text {2 }} 28,120$ E |
| $54^{\circ} 0^{\prime} 31,528{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 25^{\prime} 47,038{ }^{\prime \prime} \mathrm{E}$ |
| 54 ${ }^{\circ} 0^{\prime} 42,580 " \mathrm{~N}$ | $1^{\circ} 25^{\prime} 52,784 " \mathrm{E}$ |
| 54 ${ }^{\circ} 0^{\prime} 49,685{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 26^{\prime} 7,903 " \mathrm{E}$ |
| 54 ${ }^{\circ} 0^{\prime} 37,879{ }^{\prime \prime} \mathrm{N}$ | $1^{\circ} 38{ }^{\circ} 38,420 " \mathrm{E}$ |
| $53^{\circ} 59 ' 56,311{ }^{\prime \prime} \mathrm{N}$ | $2^{\circ} 3^{\prime \prime} 47,577{ }^{\prime \prime} \mathrm{E}$ |
| 53 ${ }^{\circ} 59^{\prime} 47,212^{\prime \prime} \mathrm{N}$ | 2²' 13,879" E |

