holm, and the sunken rocks north-westward of it; and white from S.  $55^{\circ}$  E., through south, to S. 24° W. It is elevated 98 feet above the sea, 10 feet above the ground, and situated on Indre Kalaknes, a point on the east side of Laxe Fiord, eastward of Store Bratholm.

Approximate position, lat. 70° 36' 45" N., long. 26° 59' 0" E.

10. Porsanger Fiord.-East Magerösund Light is an alternating red and white light, visible from N.  $67^{\circ}$  W. (over Juledagsneset), through north and east, to S.  $32^{\circ}$  E.; it is elevated 85 feet above the sea, 10 fect above the ground, and situated on Klubben on the eastern side of the entrance to Store Honnings Vaag.

Approximate position, lat. 70° 58" 40" N., long. 25° 55′ 40'' E.

The above lights will be exhibited annually from 1st September to 14th April.

[Variation 1-4 2° Easterly, 5-7 1° Easterly 8-10 Nil in 1893.]

This Notice affects the following Admiralty Charts:—Tana Fiord to Varanger Fiord, No. 2317 (1-5); North Cape to Tana Fiord, No. 2316 (6-10). Also, List of Lights, Part II, 1893, page 294; and Norway Pilot, Part II, 1880, pages 418-428.

## No. 556.

### NORWAY-NORTH COAST. Lights Exhibited.

THE Norwegian Government has given notice, that on 15th October, 1893, the following lights, each of the 7th order, visible about 6 miles, and shown from a small white wooden house, would be exhibited :-

1. West Magerösund Light is an alternating red and white light, visible from S. 66° E., through south and west, to N. 34° W.; elevated 58 feet above the sea, 10 feet above the ground, and situated on Risvigsneset, on the south side and

within the western entrance of Magerösund. Approximate position, lat. 70° 57' 55" N.,

long. 25° 26' E. 2. Giæs Vær North Inlet Light is an alter-nating red and white light, visible from S. 27° W. to S. 23° W., with a ray, visible on a S. 39° E. bearing, in the boat channel north-westward of the light. It is elevated 62 feet above the sea, 10 feet above the ground, and situated on Aflösning on the east side of Giæs Vær.

Approximate position on Chart No. 2315, lat. 71° 6' N., long. 25° 24' E.
3. Giæs Vær West Inlet Light is an occulting

light, showing white from S. 89° E. (to northward of Leikua) to S. 86° E.; red from S. 86° E. to S. 54° E.; red from S. 20° E., through south, to S. 78° W.; and white from S. 78° W., through west, to N. 40° W. (eastward of the foul ground off Giæs Vær). It is elevated 51 feet above the sea, 10 feet above the ground, and situated on the north point of Store Lyngo.

Approximate position on Chart No. 2315, lat. 71° 6<sup>1</sup>/<sub>4</sub> N., long. 25° 22'.E. 4. Havösund Light is an alternating red and white light, visible from S. 88° E., through east, to N. 81° E., in the channel westward of the light; and from S. 86° W., through west, to N. 76° W., in the channel eastward of the light. It is elevated 15 feet above the sea, 14 feet above the ground, and situated on Kirkeneset, on the northern side of Hayösund.

Approximate position, lat. 70° 59' 40" N., long. 24° 39' 30'' E.

5. Rolfsöhavn Light is an alternating red and white light, visible from S. 27° W. (eastward of Dyfordness), through west and north, to N. 53° E.; | way between the islands.

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elevated 56 feet above the sea, 10 feet above the ground, and situated on the point northward of the entrance to Rolfsöhavn.

Approximate position, lat. 70° 56' 30" N., long. 24° 13' 15" E.

6. Solberg Fiord .- Hyseskjæret Light is an alternating red and white light, visible from N. 76° W. (southward of the shoal ground southeast of Tranö), through north and east, to S. 71° E.; it is elevated 19 feet above the sea, 19 feet above the ground, and situated on the east side of the entrance to Tranö Botten.

Approximate position, lat. 69° 8' 15" N., long. 17° 23° 45" E.

7. Senjehestneset Light is an occulting white light, visible from, N. 13° W. (westward of Lemming Vier), through north and east, to S. 3° E.; elevated 28 feet above the sea, 10 feet above the ground, and situated on a point on the eastern side of the entrance to Vaags Fiord.

Approximate position, lat. 69° 3' 30" N.; long. 16° 45' E.

8. Bervaagen Lights are two leading lights, which in line, bearing S. 62° E., lead between the rocks to Börhellen, on the west coast of Andö:

The rear light is a fixed white light, visible from S. 79° E. to S. 34° E., elevated 141 feet

above the sea, and 10 feet above the ground. The front light is an occulting white light, visible from N. 44° E., through east and south, to N. 89° W.; elevated 44 feet above the sea, 10 feet above the ground, and situated N. 62° W. 450 yards from the front light.

Approximate position, lat. 69° 6' 20" N., long. 15° 35' E.

The above lights will be exhibited annually from 1st September to 14th April.

[Variation (1-3) 1°, (4, 5) 2°, (6, 7) 9°, (8) 10° Westerly in 1893.

This Notice affects the following Admiralty Charts :- Sörö to the North Cape, No. 2315 (1-5) ; Lofoten Islands to Andö, No. 2312 (6-8), Also, List of Lights, Part II, 1893, pages 294, 292; and Norway Pilot, Part II, 1880, pages 366-414.

### No. 557.-CHINA STATION.

### JAPAN.-YEZO-WEST COAST.

Rock Reported Between Taruri and Yugisiri. INFORMATION has been received that the Master of the Japanese steamer "Teshio Maru," reports the existence of a narrow rock about 11 cables in length, with depths of 7 to 10 feet on it, lying between the Islands Taruri and Yagisiri.

Mariners are warned that vessels should not attempt to pass between these islands until the passage has been surveyed and shown to be

Approximate position, lat. 44°  $25\frac{1}{2}^{7}$  N., long. 141° 19' E.

This Notice affects the following Admiralty Chart :---Yezo Island, &c., No. 452. Also, China Sea Directory, Vol. IV, 1884, page 581.

# No. 558.—CHINA, AND AUSTRALIA STATIONS. SULU SEA.

Ref Reported between Laparan and Deoto Bato. THE Master of the steamer "Doris" reports,

that in passing recently between Laparan and Deoto Bato, he observed a coral reef apparently extending from one island 'to the other and about  $1\frac{1}{2}$  miles across. Soundings of  $4\frac{1}{4}$  to 5 fathoms were obtained by the "Doris" on the reef, mid-