

Notices to Mariners, SWEDEN Swedish Maritime Administration



Areas in Swedish Notices to Mariners



SJÖFARTSVERKET

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Swedish Maritime Administration
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Affected charts and Notices

Underrättelser för sjöfarande (Ufs) is an official Swedish publication which provides information pertaining to shipping in the Baltic Sea Area and Kattegat, as well as Skagerrak east of a line drawn between Hanstholm and Lindesnes.

The information on foreign waters is largely confined to significant occurrences which may affect Swedish charts. Ufs is thus wholly unsuited for the purpose of keeping BA-charts and/or other national charts updated.

An asterisk (*) in front of the number denotes that the notice is based on information obtained from Swedish source material and that the details contained therein affect Swedish waters.

When the letter (P) is adjacent to the notice number it serves as an indication that the notice is of a preliminary nature. Such notices will later be replaced by corresponding ones containing definitive information.

Similarly, when the letter (T) is placed adjacent to the notice number it denotes that the notice is of a temporary nature. In case no period of validity is given, this type of notice will be rendered invalid either when a new Temporary Notice is promulgated or if pertaining conditions cease to exist.

Bearings are true and given clockwise from 000° to 360° and, when given in conjunction with lights, indicate a direction from seaward.

Featured chartlets are primarily intended to simplify chart correction work and are not always true to scale. In general, they show the largest charted scale available for respective area.

Responsibility for the factual content published in Ufs rests with the informant.

Chart corrections and other information attributed to a specific geographical area can be found under NOTICES. Other information is found under ANNOUNCEMENTS, starting on pg. 3.

The periodical Ufs is normally published every Thursday and can be downloaded as a PDF-file from the homepage of the Swedish Maritime Administration. Note that as the file is automatically generated from a database unintentional page breaks may occur at random.

Further information on the use of Ufs can be found in the annual publication *Ufs A*.

Reporting dangers and errors

All observations concerning floating aids to navigation, unlit beacons and lights, objects adrift or any other occurrence which may have a detrimental impact on safety at sea are to be forwarded to Sweden Traffic at the earliest possible opportunity.

Call: Sweden Traffic

VHF Channel: Appropriate working channel

Phone: +46 771 630 685 (24/7)

E-mail: swedentraffic@sjofartsverket.se

| Affected charts | Notice no | Sign | Affected charts | Notice no | Sign |
|-----------------|-----------|------|-----------------|-----------|------|
| 4 | 13554 (T) | | 731 | 13460 (P) | |
| 5 | 13411 (T) | | 742 | 13558 (T) | |
| 6 | 13411 (T) | | 743 | 13558 (T) | |
| 6 | 13460 (P) | | 924 | 13525 | |
| 6 | 13576 (T) | | 932 | 13481 | |
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| 83 | 13460 (P) | | 6145 | 13404 | |
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| 624 | 13455 | | | | |
| 712 | 13390 | | | | |
| 713 | 13390 | | | | |

ANNOUNCEMENTS

13411 (T)

Chart: 5, 53, 6, 61, 62

Naval exercise NORTHERN COASTS 2018.

EXERCISE NORTHERN COASTS 2018

Time: October 28 - November 8, 2018

NORTHERN COASTS 2018 is a multinational maritime exercise taking place in the area of the Northern Baltic Sea, western part of the Gulf of Finland, the Archipelago Sea and the Gulf of Bothnia.

A large number of aircrafts and surface vessels will participate. Exercise mines will be laid and recovered. Gunnery and Air Defense exercises will be held continually throughout the exercise.

During the exercise cooperation with merchant vessels (Naval Co-operation and Guidance for Shipping/NCAGS) will be exercised.

Ships are requested to navigate with caution, to keep clear of naval ships and to pay attention to the shown signals.

Merchant ships and companies are encouraged to participate. Participation can be either on a non-delaying and non-diversion basis.

Vessels are kindly requested to cooperate with the military forces for common exercises such as exchanging information. Merchant vessels willing to participate and approaching the exercise area shall report a movement registration form (Format ALFA) to the exercise NCAGS/AWNIS. E-Mail: noco18.ncags@mil.fi

Not shown in ENC.

Bsp Bottenhavet S 2013/s05, s06, Bsp Ostkusten 2015/s03, s04, s05, Bsp Stockholm M 2018/s03, s04, s05, Bsp Stockholm N 2018/s03, s04, s05, Bsp Stockholm S 2018/s04, s05

Format ALFA.

- (1) VESSEL'S NAME.
- (2) INTERNATIONAL RADIO CALL SIGN (IRCS).
- (3) FLAG.
- (4) IMO NUMBER.
- (5) MMSI.
- (6) INMARSAT TELEPHONE NUMBER.
- (7) TELEX AND FAX NUMBER.
- (8) EMAIL ADDRESS.
- (9) CURRENT POSITION AT TIME (UTC), COURSE AND PLANNED PASSAGE SPEED.
- (10) WAYPOINTS OF TRACK THROUGH THE AREA.
- (11) NEXT PORT OF CALL AND ETA (UTC).
- (12) LAST PORT OF CALL AND DEPARTURE TIME.
- (13) NAME AND ADDRESS OF SHIP OWNER AND OPERATOR /CHARTERER.
- (14) HELICOPTER TRANSFER SITE
- (15) CREW NUMBERS AND NATIONALITIES.
- (16) HAZARDOUS CARGO (CATEGORY) DETAILS (IF APPLICABLE).
- (17) HOW FAR DO YOU WISH TO PARTICIPATE (JUST REPORTING – ACCEPT SMALL ROUTE CHANGES – ACCEPTANCE OF BOARDING PARTY ON BOARD, ETC.)

Format ALFA

NOCO18 host nation. Publ. 20 september 2018

NOTICES

Bay of Bothnia

* 13528 (T)

Chart: 41, 4101, 414

Sweden. Bay of Bothnia. SE of Luleå. Junkön. Firing exercises. November 12 - 13.

Gunnery exercises will be carried out within Junkön firing range during stated times.
The area is supervised. Firing will be discontinued when vessels passing through the area.
Further information during firing: +46 70 547 35 15 or +46 70 639 53 22.

| | | |
|---------------------|--------|---------|
| Junkön firing range | 65-25N | 022-20E |
|---------------------|--------|---------|

| Date | Time |
|------------------|----------------|
| November 12 - 13 | 0730 - 1630 LT |

Not shown in ENC.

Bsp Bottenviken 2018/s24, s27, s62, s63

Försvarmakten. Publ. 7 november 2018

*** 13554 (T)**

Chart: 4, 41, 414, 414S, 415, 42, 421, 4211, 422

Sweden. Bay of Bothnia. E of Byske. Tåme. Gunnery exercise. Extended hazardous area closed to navigation.

Temporary extention of danger area

Time: November 24, 2018, 1200 - 1300 LT.

Tåme firing danger area, R58, is extended to 33.5 M from shore during stated time. The area is bound by bearings 068 and 187 degrees. The area is closed to navigation during stated time.

Further information on VHF channel 16, call Tåme skjutfält, or phone +46 921 348405 alt. +46 921 349100.

| | | |
|-------------------|--------|---------|
| Tåme firing range | 64-58N | 021-21E |
|-------------------|--------|---------|

Firing exercises will be carried out at Tåme firing range during times listed below. During these times the charted danger area "R 58" is closed to navigation within stated distance from shore.

During firing a red balloon is shown from the observation towers. Further information on VHF channel 16, call Tåme skjutfält, or phone +46 921 348405 alt. +46 921 349100.

| Date | Time | Range from shore |
|------------------|----------------|-----------------------------|
| November 12 | 1200 - 1700 LT | 9,5 M |
| November 13 - 15 | 0800 - 1700 LT | 9,5 M |
| November 16 | 0800 - 1500 LT | 9,5 M |
| November 20 - 22 | 0800 - 2000 LT | 9,5 M |
| November 23 | 0800 - 2230 LT | 9,5 M |
| November 24 | 0800 - 1730 LT | 9,5 M |
| November 24 | 1200 - 1300 LT | 33,5 M Extended danger area |
| November 25 | 0800 - 1730 LT | 9,5 M |
| November 26 - 27 | 0800 - 2000 LT | 9,5 M |
| November 28 | 0800 - 2230 LT | 9,5 M |
| November 29 | 0800 - 1730 LT | 9,5 M |
| November 30 | 0800 - 2000 LT | 9,5 M |
| December 1 | 0800 - 1730 LT | 9,5 M |
| December 2 | 0800 - 1200 LT | 9,5 M |

Bsp Bottenviken 2018/s06, s29, s33, s37, s38, s39, s40, s41, s42, s43, s44, s45, s46, s47, s64, s65, s66, s67

Försvarmakten, Tåme skjutfält. Publ. 7 november 2018

Gulf of Finland

*** 13460 (P)**

Chart: 6, 61, 62, 7, 71, 731, 74, 83

Sweden. Northern Baltic, Gulf of Finland, Central Baltic, South-Eastern Baltic, Southern Baltic. Gas pipelines under construction between Russia and Germany. Nord Stream 2.

Two parallell gas pipelines will be laid out between Kurgalsky in Russia and Lubmin in Germany during 2018 - 2020.

The work with the two gas pipelines will take place simultaneously from Russia and Germany.

The approximate route of the planned gas pipelines on Swedish waters is presented below

When operations are taking place in Swedish waters, a notice in the Swedish NtM (Ufs) and a temporary correction to ENC, will be issued. If necessary, navigational warnings may be issued to inform about ongoing operations.

| | | | |
|--|----|----------|-----------|
| gas pipeline, under construction between a) - s) | a) | 58-53,8N | 020-27,2E |
| | b) | 58-53,0N | 020-25,6E |
| | c) | 58-41,9N | 020-14,8E |
| | d) | 58-35,3N | 020-09,4E |
| | e) | 58-33,3N | 020-06,8E |
| | f) | 58-29,9N | 020-05,7E |
| | g) | 58-25,6N | 020-08,3E |
| | h) | 58-22,0N | 020-08,3E |
| | i) | 57-58,1N | 019-57,3E |
| | j) | 57-43,0N | 019-43,3E |
| | k) | 57-38,8N | 019-40,0E |
| | l) | 57-36,5N | 019-37,1E |
| | m) | 56-45,1N | 018-58,9E |
| | n) | 56-38,3N | 018-53,4E |
| | o) | 56-31,9N | 018-49,6E |
| | p) | 56-20,0N | 018-34,6E |
| | q) | 56-14,7N | 018-07,0E |
| | r) | 55-39,0N | 016-26,7E |
| | s) | 55-32,0N | 015-44,4E |

Nord Stream 2. Publ. 7 november 2018

Northern Baltic

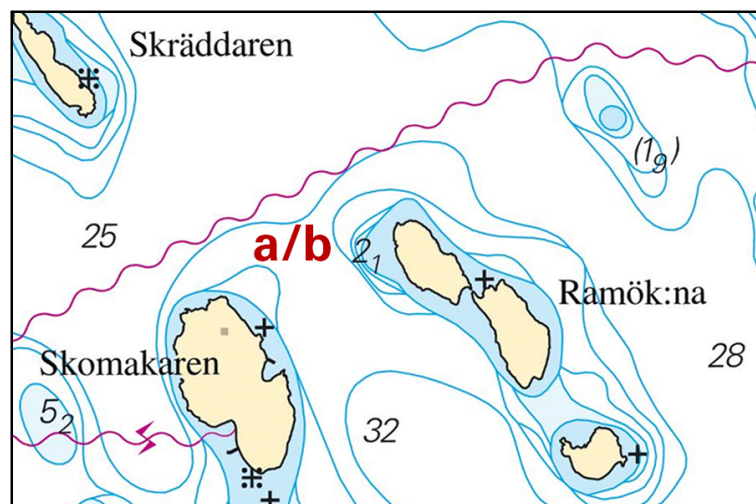
* 13404

Chart: 6143, 6145

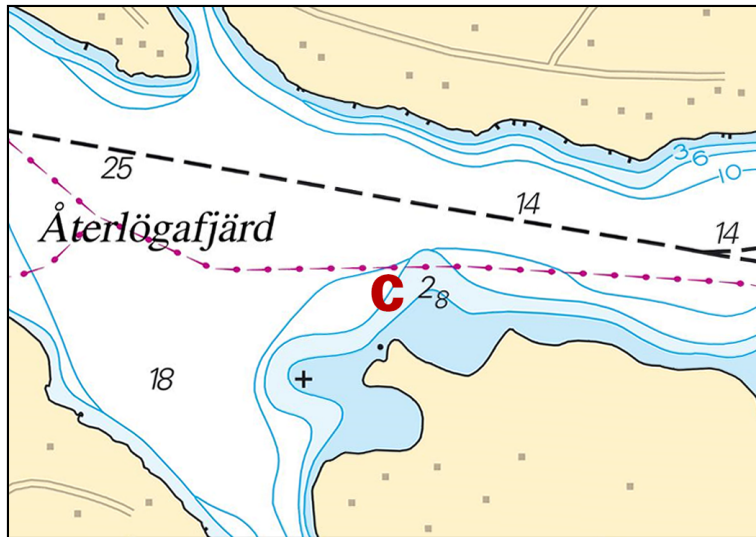
Sweden. Northern Baltic. Stockholm archipelago. Ingarö. Skomakaren, Tranarö and Skenoraströmmen.
Less depth.

| | | | | |
|--------|--|----|-----------|------------|
| Delete | 3,4 m | a) | 59-11,85N | 018-28,44E |
| Insert | 2,1 m and amend depth contours according to chartlet | b) | | |
| Amend | 3,8 m to 2,8 m | c) | 59-17,08N | 018-30,75E |
| Delete | 6 m | d) | 59-15,71N | 018-33,72E |
| Insert | 4,5 m | e) | 59-15,71N | 018-33,68E |

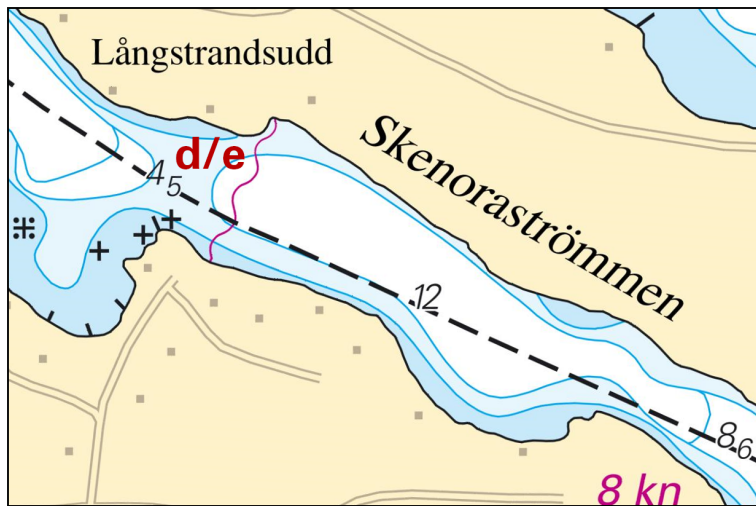
Bsp Stockholm M 2018/s22, s28, s29, s35, s48



Skomakaren



Tranarö, Återlögafjärd



Skenoraströmmen

Sjöfartsverket. Publ. 8 november 2018

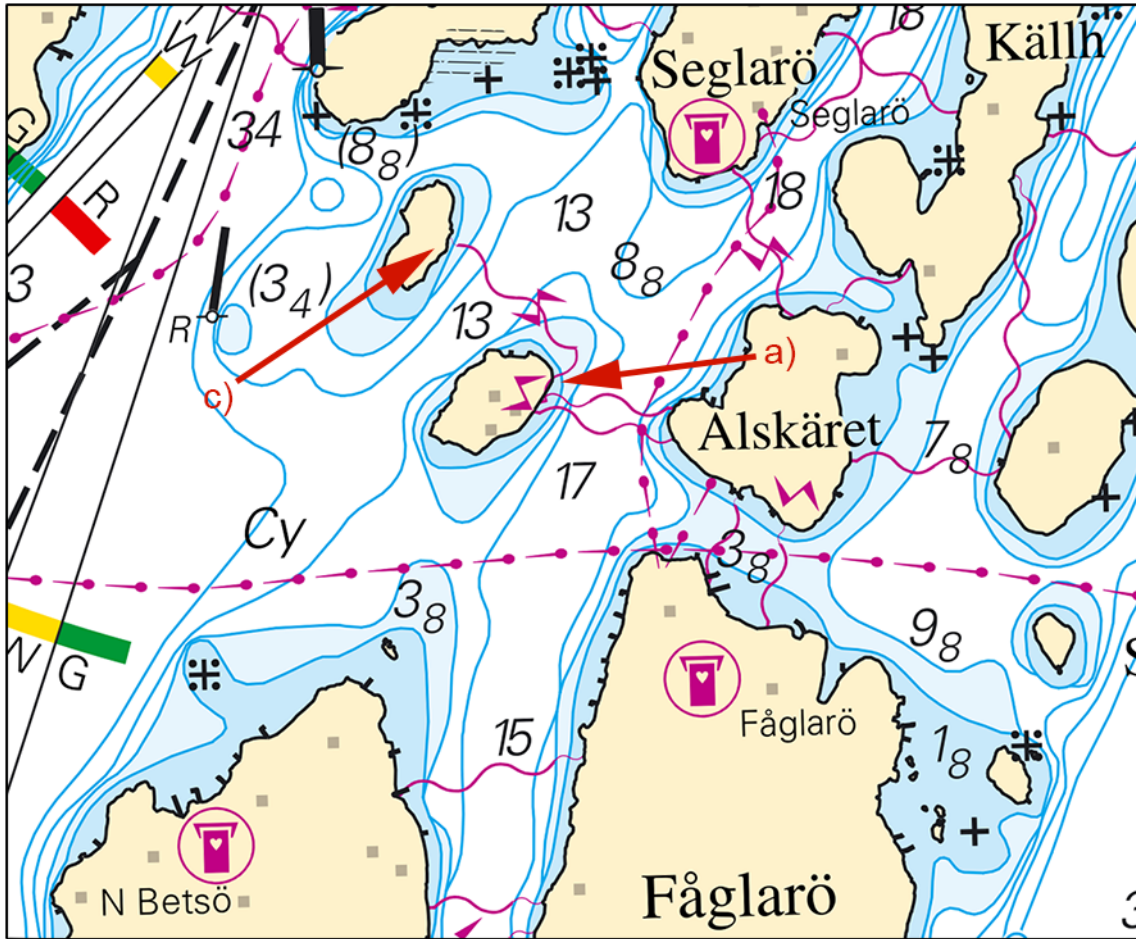
* 13457

Chart: 612

Sweden. Northern Baltic. W of Södra Ljusterö. S of Stora Blötholmen. N of Betsö. Submarine power cable.

| | | | | |
|--------|--|----|------------|-------------|
| Insert | submarine power cable between position a) - c) | a) | 59-28,703N | 018-27,599E |
| | | b) | 59-28,737N | 018-27,675E |
| | | c) | 59-28,870N | 018-27,419E |

Bsp Stockholm N 2018/s38



Fåglarö

Elektrofors. Publ. 7 november 2018

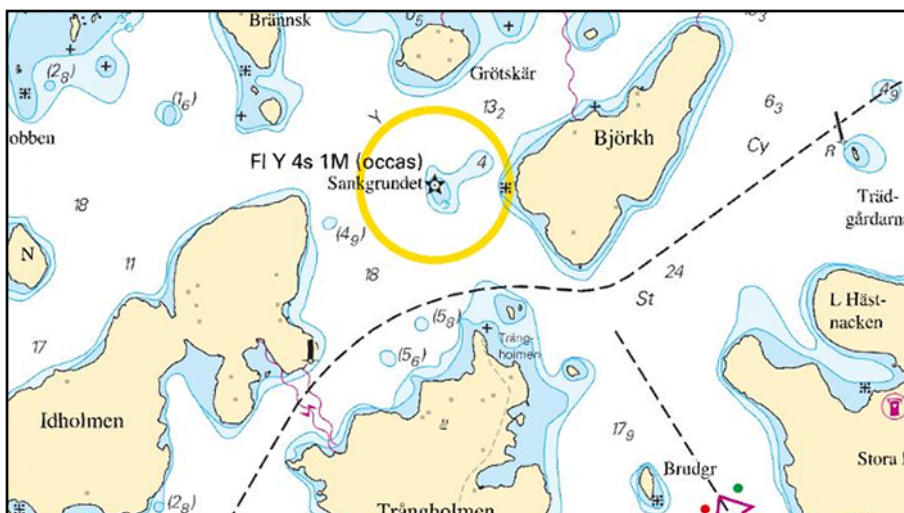
* 13494

Chart: 612, 6143

Sweden. Northern Baltic. Stockholm archipelago. SE of Södra Ljusterö. Sankgrundet. New light.

| | | | |
|--------|--|------------|-------------|
| Insert | light 'Sankgrundet' FI Y 4s 1M (occas) | 59-25,954N | 018-38,699E |
|--------|--|------------|-------------|

Bsp Stockholm M 2018/s17, Bsp Stockholm N 2018/s39, s44



Sankgrundet

Sjöblick AB. Publ. 7 november 2018

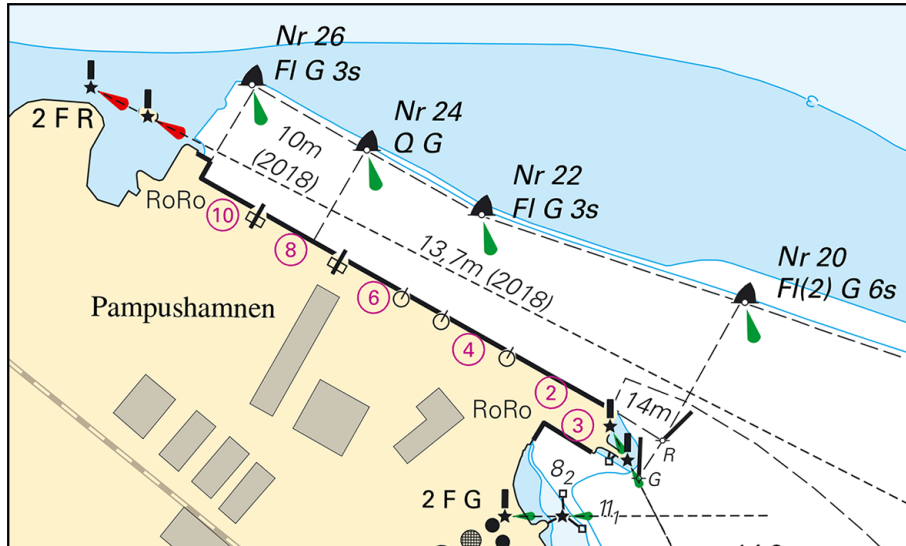
* 13526

Chart: 6212

Sweden. Northern Baltic. Port of Norrköping. Pampushamnen. Less depth.

| | | | | |
|-------|--|----|------------|-------------|
| Amend | swept area 10.4 m (2011) to dredged area 10 m (2018) | a) | 58-37,458N | 016-14,543E |
| Amend | swept area 14.2 m (2011) to dredged area 13.7 m (2018) | b) | 58-37,378N | 016-14,849E |

Bsp Ostkusten 2015/s26, s58, s59



Pampushamnen, Port of Norrköping

Publ. 2 november 2018

* 13562 (T)

Chart: 6141, 6142

Sweden. Northern Baltic. Stockholm. Djurgårdsbrunnsviken. Djurgårdsbrunnskanalen. Rowing contest - restricted area.

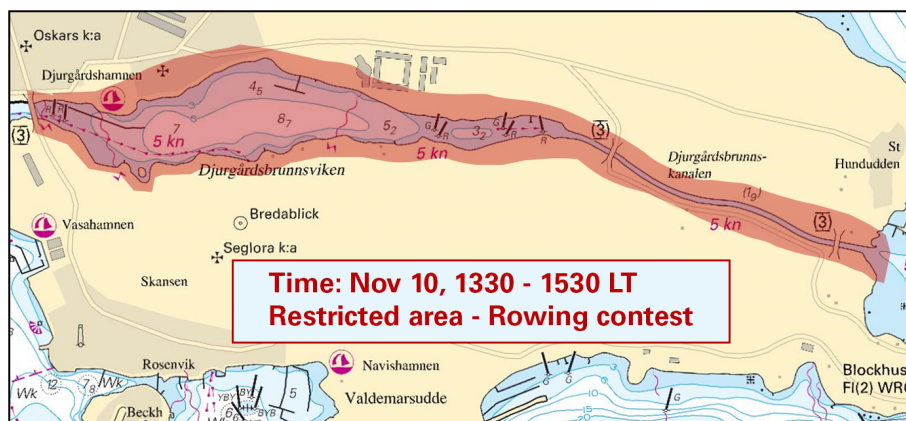
Time: November 10, 2018 between 1330 and 1530 LT.

The marked-out area in the chartlet is restricted for all traffic in connection with a rowing contest.

| | | | | |
|-------------------------|----|------------|-------------|-------------------------|
| Restricted area a) - b) | a) | 59-19,871N | 018-05,626E | Bridge 'Djurgårdsbrunn' |
| | b) | 59-19,529N | 018-08,990E | Parkudden |

Not shown in ENC.

Bsp Mälaren - Hjälmaren 2016/s52, s53, Bsp Stockholm M 2018/s06, s07, s10



Restricted area Djurgårdsbrunnsviken

Länsstyrelsen Stockholm. Publ. 6 november 2018

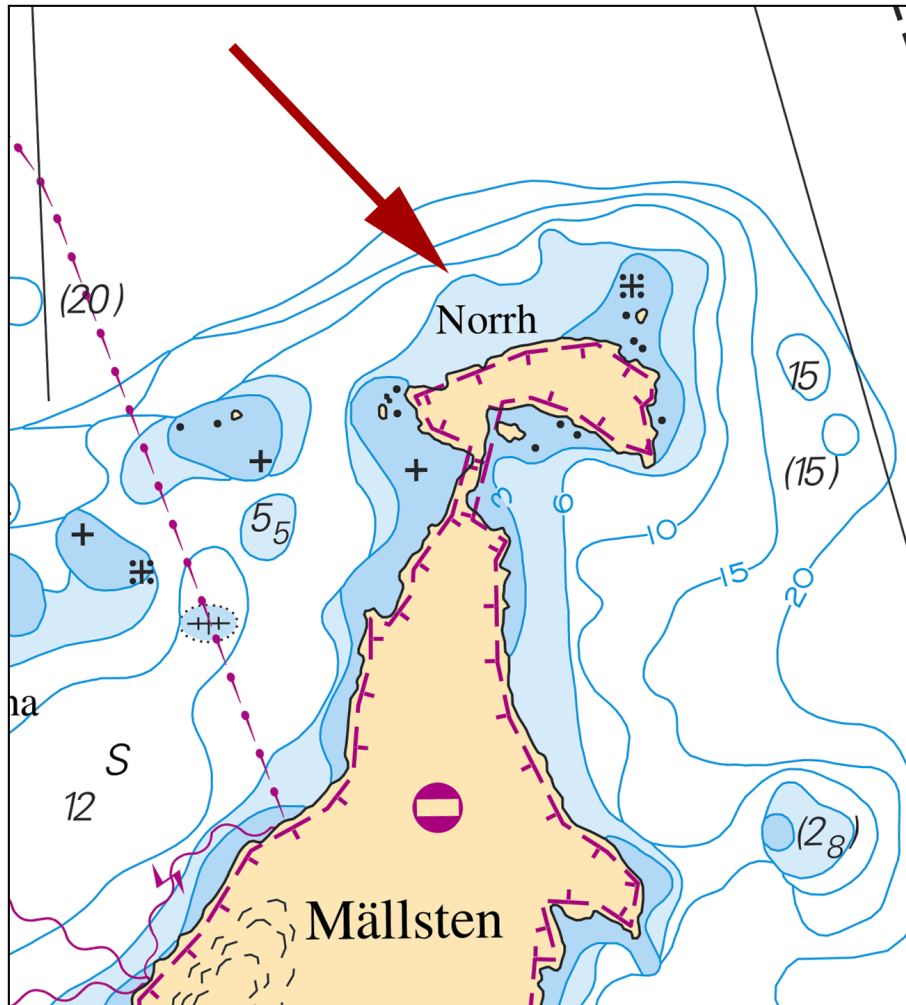
* 13567

Chart: 616, 617, 6171

Sweden. Northern Baltic. Southern part of Stockholm archipelago. Mällsten. Norrholmen. Depths.

| | | | | |
|--------------|---|----|------------|-------------|
| Amend | 6 m depth contour so that it encircles position | a) | 58-51,639N | 018-02,143E |
|--------------|---|----|------------|-------------|

Bsp Stockholm S 2018/s21, s22, s35, s38



Norrholmen

Publ. 8 november 2018

* 13573 (T)

Chart: 616, 6162, 6163

Sweden. Northern Baltic. E of Utö. Firing exercises. November 19 - 22.

Firing exercises will be carried out within Utö firing range during stated times. The current extension of the closed area is given in the table.

Signal ammunition is used during hours of darkness.

Information during practice times VHF channel 16, call Utö skjutfält, or phone +46 8 501 570 45. Information about upcoming practice times, phone: +46 10 823 18 23, Muskö Sjöcentral.

| Date | Time | Range from shore |
|------------------|----------------|------------------|
| November 19 | 0900 - 1700 LT | 1,8 M |
| November 20 - 21 | 0900 - 2200 LT | 3,8 M |
| November 22 | 0900 - 1900 LT | 3,8 M |

| | | | |
|-------------------|--------|---------|--------------------------|
| Position: Approx. | 58-54N | 018-20E | Utö Firing practice area |
|-------------------|--------|---------|--------------------------|

Not shown in ENC.

Bsp Stockholm S 2018/s17, s18, s19, s37

Försvarmakten. Publ. 7 november 2018

Lake Mälaren and Södertälje Canal

* 13568 (T)

Chart: 113, 1131

Sweden. Lake Mälaren and Södertälje Canal. Bridge Kvicksundsbron. Maintenance works. Diving operations.

Expired notices: 2018:725/13523(T)

Time: Until November 16, weekdays 0700 - 1900 LT

Maintenance work on bridge 'Kvicksundsbron'. The work include diving operations.

Contact: VHF ch 68, Telephone: +46 (0)733-506803.

| | | |
|-----------------------|-----------|------------|
| Bridge Kvicksundsbron | 59-27,16N | 016-19,16E |
|-----------------------|-----------|------------|

Not shown in ENC.

Bsp Mälaren - Hjälmaren 2016/s19, s20, s57

SUAB. Publ. 3 november 2018

Central Baltic

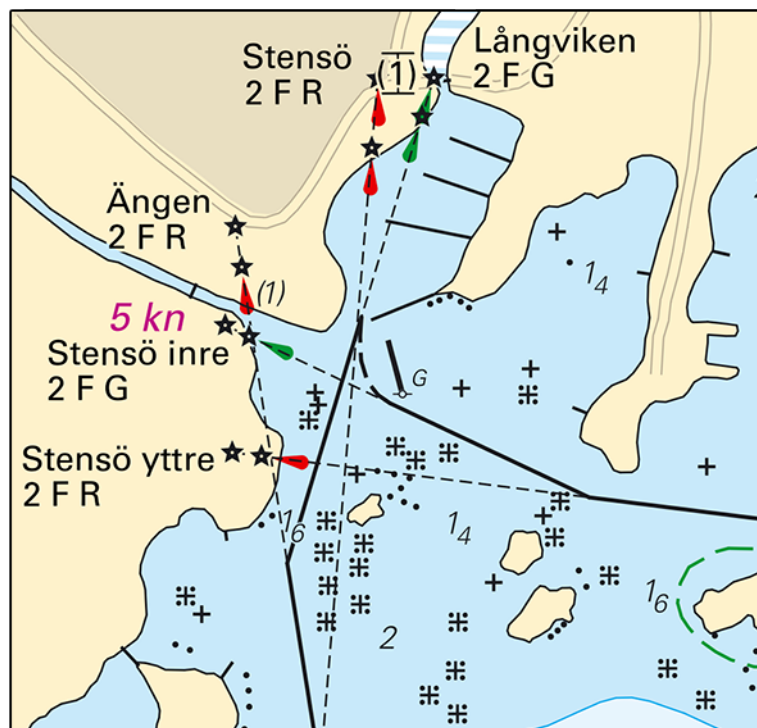
* 13390

Chart: 712, 713

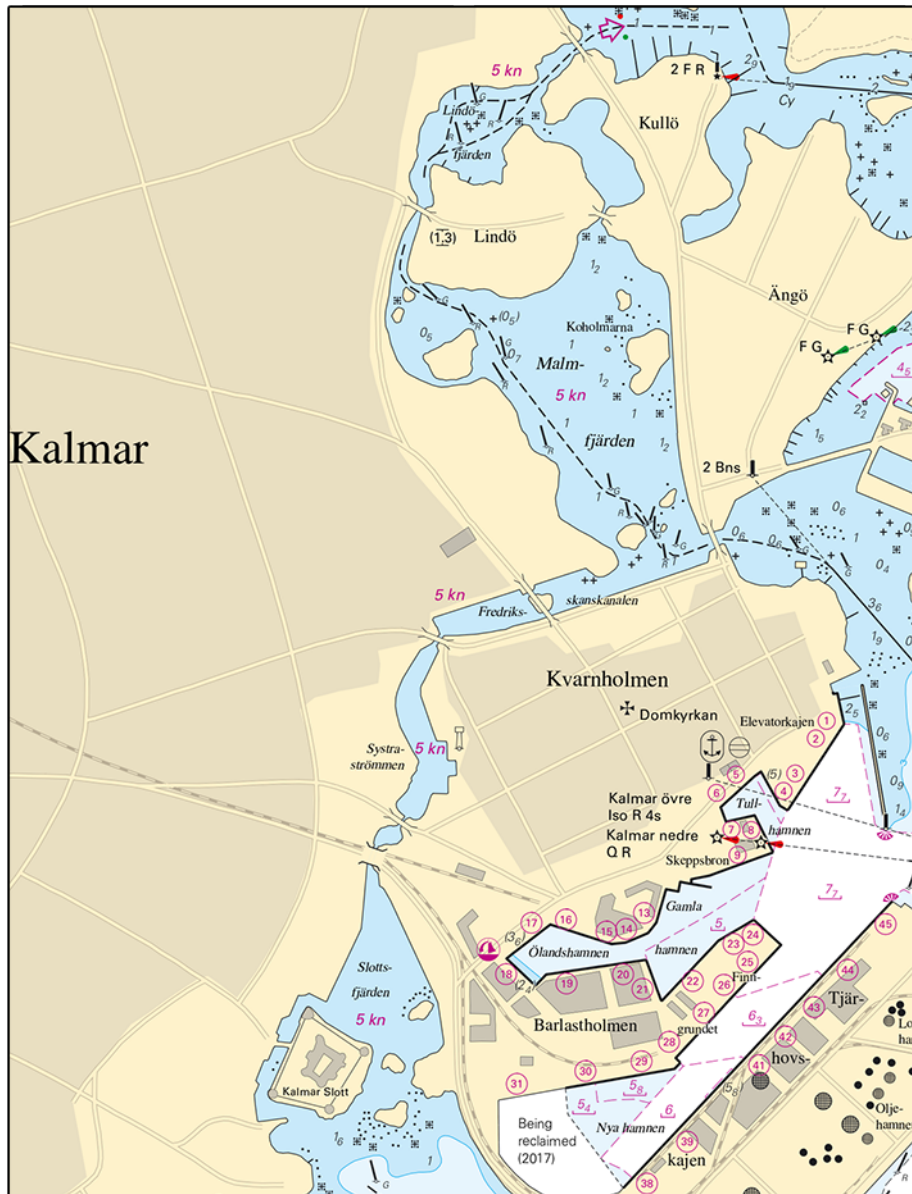
Sweden. Central Baltic. Kalmar. Stensökanalen. Slotts-fjärden - Malmfjärden. Speed restriction.

| | | | | |
|--------|--|----|----------|-----------|
| Insert | speed restriction 5 kn in canal Stensökanalen | a) | 56-39,1N | 016-19,7E |
| | speed restriction 5 kn in Slotts-fjärden | b) | 56-39,6N | 016-21,4E |
| | speed restriction 5 kn in Systraströmmen | c) | 56-39,8N | 016-21,5E |
| | speed restriction 5 kn in Fredriksskanskanalen | d) | 56-40,0N | 016-21,8E |
| | speed restriction 5 kn in Malmfjärden | e) | 56-40,2N | 016-21,8E |
| | speed restriction 5 kn in Lindöfjärden | f) | 56-40,5N | 016-21,6E |

Bsp Kalmarsund 2014/s26, s34, s35, s38



Speed restriction Stensökanalen



Speed restriction Kalmar

Länsstyrelsen, Kalmar. Publ. 8 november 2018

* 13455

Chart: 62, 623, 624, 71

Sweden. Central Baltic. Flivik approach. Light Vinökråkan. Light Strupö Ljungskär. Sectors.

| | | |
|------------------|------------|-------------|
| Light Vinökråkan | 57-30,803N | 016-44,105E |
|------------------|------------|-------------|

| Bearing | Colour |
|-----------------|--------|
| 181,0° - 273,3° | G |
| 273,3° - 275,4° | W |
| 275,4° - 305,0° | R |
| 305,0° - 349,0° | G |
| 349,0° - 181,0° | Dk |

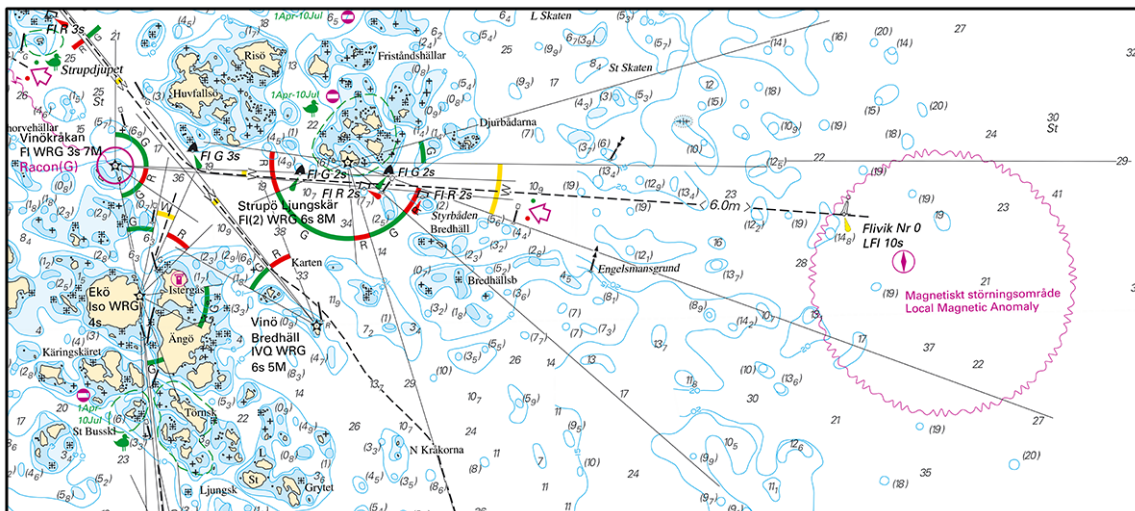
| | | |
|------------------------|------------|-------------|
| Light Strupö Ljungskär | 57-30,807N | 016-46,256E |
|------------------------|------------|-------------|

| Bearing | Colour |
|-----------------|--------|
| 068,0° - 099,0° | R |
| 099,0° - 255,0° | Dk |
| 255,0° - 271,6° | G |
| 271,6° - 290,7° | W |
| 290,7° - 312,0° | R |
| 312,0° - 344,0° | G |
| 344,0° - 356,0° | R |
| 356,0° - 068,0° | G |

Adm. LoL. C7132

Adm. LoL. C7130

Bsp Kalmarsund 2014/s06, s07, s10, s12, s13



Flivik approach

Sjöfartsverket. Publ. 7 november 2018

* 13576 (T)

Chart: 6, 62

Sweden. Central Baltic. Between Öland and Gotland. Knolls grund. ODAS-buoy.

Expired notices: 2018:702/13063(T)

The buoy is repaired.

| | | |
|-----------|-----------|------------|
| ODAS-buoy | 57-31,00N | 017-37,00E |
|-----------|-----------|------------|

Bsp Kalmarsund 2014/s06, s07

SMHI. Publ. 8 november 2018

Southern Baltic

* 13558 (T)

Chart: 74, 742, 743, 83

Sweden. Southern Baltic. Approach to Åhus. Rinkaby. Firing exercises. November 22 - 30.

| | | | |
|---------------|--------|---------|--------------------------------------|
| Position: Ap. | 55-56N | 014-22E | Firing restriction area R38A RINKABY |
|---------------|--------|---------|--------------------------------------|

The restriction area R38A will be closed for vessels during times given in the table. The exercises will be interrupted to allow passage of merchant vessels.

During practice orange quick light, Q Or, is shown from shore.

For further information call +46 44 24 25 02 (only during firings).

| Date | Hours | Range |
|------------------|----------------|-------|
| November 22 | 1200 - 2000 LT | 2,6 M |
| November 23 | 0900 - 2100 LT | 2,6 M |
| November 24 | 0900 - 1600 LT | 2,6 M |
| November 28 - 30 | 0900 - 2200 LT | 2,5 M |

Not shown in ENC.

Bsp Hanöbukten 2018/s24, s25, s26

Försvarmakten, Södra Skånska Regementet, Södra Sandby. Publ. 7 november 2018

South-Western Baltic

13541

Chart: 8

Denmark. South-Western Baltic. Faxe Bugt. Buoyage.

| | | | |
|--------|-----------------|------------|-------------|
| Delete | safe water mark | 55-14,094N | 012-23,619E |
|--------|-----------------|------------|-------------|

Dk NtM 743/37:2018. Publ. 6 november 2018

Kattegat

* 13525

Chart: 924

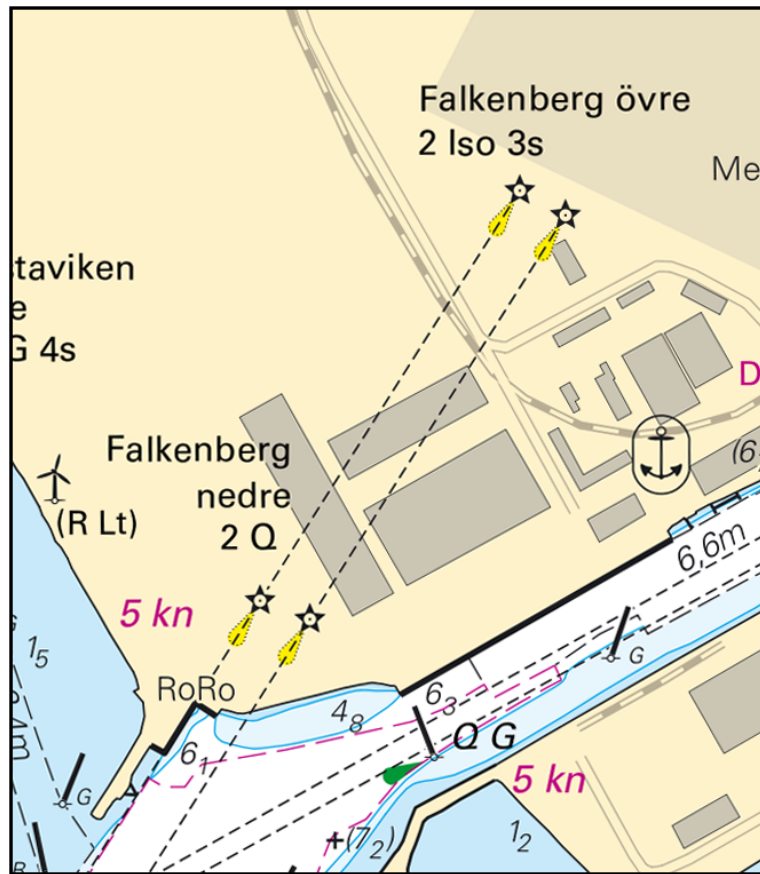
Sweden. Kattegat. Falkenberg. Leading lights moved.

Expired notices: 2018:720/13419(T)

The lower leading lights in Falkenberg have been moved to new positions.

| | | | | | |
|-------------|------------------------------|----|------------|-------------|--------------|
| | upper leading light, west | a) | 56-53,577N | 012-28,722E | |
| | upper leading light, east | b) | 56-53,564N | 012-28,765E | |
| Move | lower leading light, west to | c) | 56-53,365N | 012-28,476E | new position |
| Move | lower leading light, east to | d) | 56-53,356N | 012-28,523E | new position |

Bsp Västkusten S 2016/s27, s66



Port of Falkenberg

Falkenbergs Terminal AB. Publ. 3 november 2018

Skagerrak

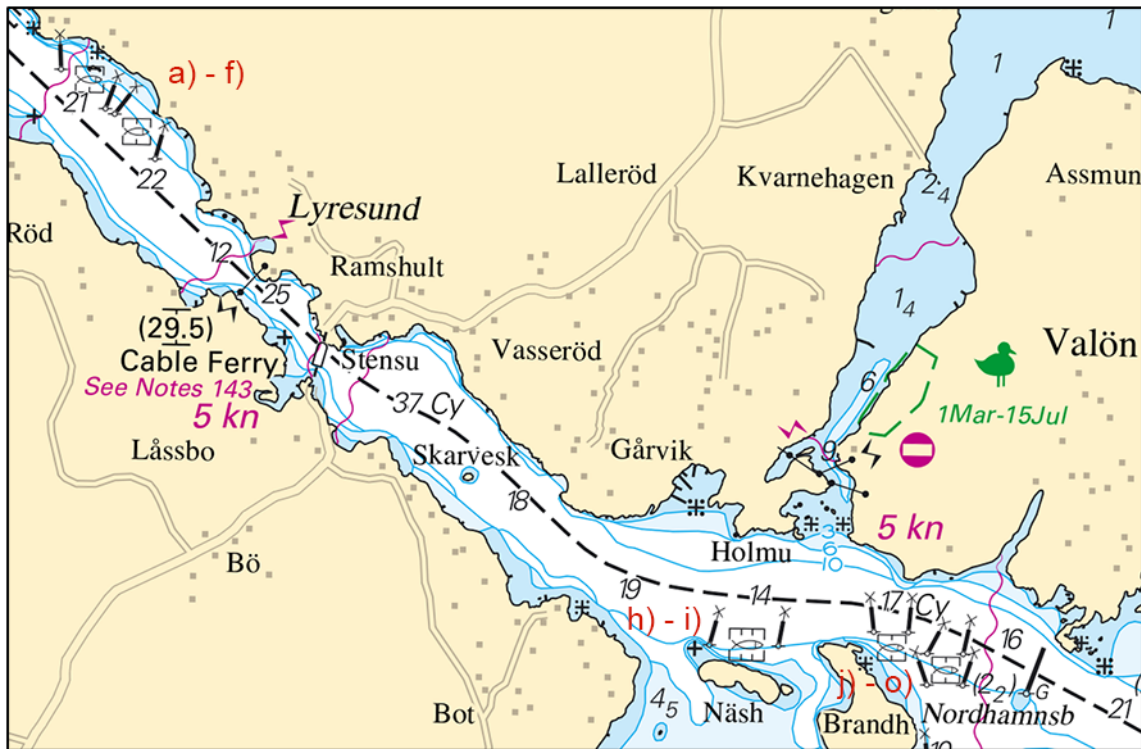
* 13481

Chart: 932

Sweden. Skagerrak. Orust. NE of Lyr. Special purpose spar buoys. Marine farm.

| | | | | |
|--------|---------------------------|----|------------|-------------|
| Insert | special purpose spar buoy | a) | 58-06,014N | 011-30,767E |
| Insert | marine farm | b) | 58-05,997N | 011-30,869E |
| Insert | special purpose spar buoy | c) | 58-05,940N | 011-30,930E |
| Insert | special purpose spar buoy | d) | 58-05,930N | 011-30,964E |
| Insert | marine farm | e) | 58-05,897N | 011-31,044E |
| Insert | special purpose spar buoy | f) | 58-05,845N | 011-31,113E |
| Delete | marine farm | g) | 58-04,825N | 011-33,508E |
| Insert | special purpose spar buoy | h) | 58-04,930N | 011-33,150E |
| Insert | special purpose spar buoy | i) | 58-04,930N | 011-33,400E |
| Insert | special purpose spar buoy | j) | 58-04,960N | 011-33,745E |
| Insert | special purpose spar buoy | k) | 58-04,960N | 011-33,870E |
| Insert | special purpose spar buoy | l) | 58-04,920N | 011-33,940E |
| Insert | special purpose spar buoy | m) | 58-04,920N | 011-34,070E |
| Insert | special purpose spar buoy | n) | 58-04,860N | 011-34,070E |
| Insert | special purpose spar buoy | o) | 58-04,860N | 011-33,940E |

Bsp Västkusten N 2016/s23, s24, Bsp Västkusten S 2016/s11, s12



NE of Lyr

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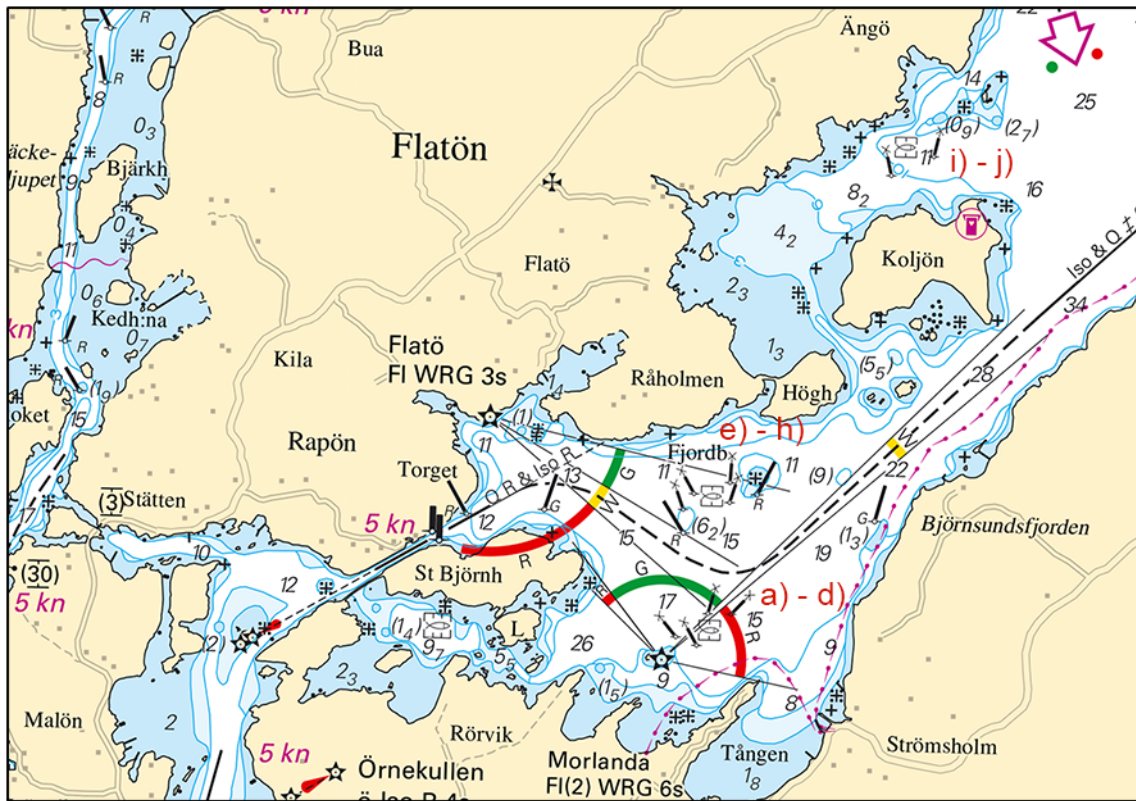
* 13482

Chart: 933

Sweden. Skagerrak. Orust. Björnsundsfjorden. Morlanda. Koljön. Special purpose spar buoys.

| | | | | |
|--------|---------------------------|----|------------|-------------|
| Insert | special purpose spar buoy | a) | 58-12,380N | 011-31,740E |
| Insert | special purpose spar buoy | b) | 58-12,380N | 011-31,850E |
| Insert | special purpose spar buoy | c) | 58-12,300N | 011-31,690E |
| Insert | special purpose spar buoy | d) | 58-12,320N | 011-31,590E |
| Insert | special purpose spar buoy | e) | 58-12,680N | 011-31,660E |
| Insert | special purpose spar buoy | f) | 58-12,710N | 011-31,830E |
| Insert | special purpose spar buoy | g) | 58-12,660N | 011-31,830E |
| Insert | special purpose spar buoy | h) | 58-12,640N | 011-31,610E |
| Insert | special purpose spar buoy | i) | 58-13,540N | 011-32,760E |
| Insert | special purpose spar buoy | j) | 58-13,490N | 011-32,560E |

Bsp Västskusten N 2016/s20



W of Orust

Scanfjord Mollösund / Transportstyrelsen. Publ. 7 november 2018

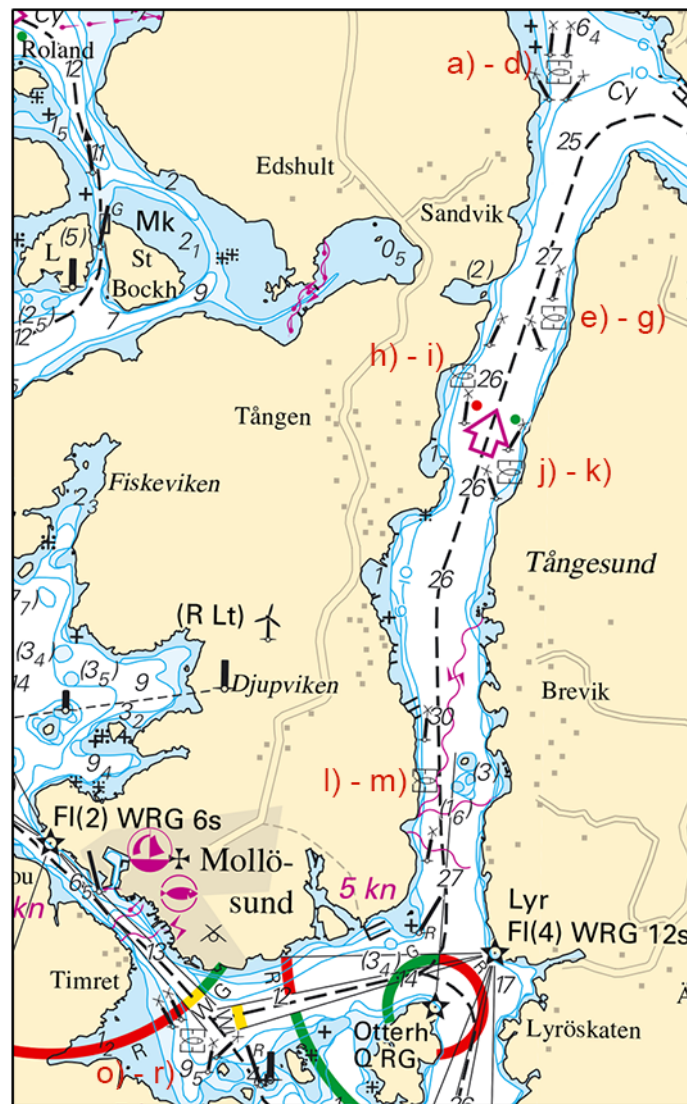
* 13483

Chart: 932

Sweden. Skagerrak. Orust. W of Lyr. Special purpose spar buoys. Marine farm.

| | | | | |
|--------|---------------------------|----|------------|-------------|
| Insert | special purpose spar buoy | a) | 58-06,220N | 011-29,980E |
| Insert | special purpose spar buoy | b) | 58-06,220N | 011-30,050E |
| Insert | special purpose spar buoy | c) | 58-06,120N | 011-30,050E |
| Insert | special purpose spar buoy | d) | 58-06,120N | 011-29,980E |
| Insert | special purpose spar buoy | e) | 58-05,676N | 011-30,007E |
| Insert | marine farm | f) | 58-05,635N | 011-30,019E |
| Insert | special purpose spar buoy | g) | 58-05,564N | 011-29,964E |
| Insert | special purpose spar buoy | h) | 58-05,570N | 011-29,745E |
| Insert | special purpose spar buoy | i) | 58-05,395N | 011-29,645E |
| Insert | special purpose spar buoy | j) | 58-05,337N | 011-29,832E |
| Insert | special purpose spar buoy | k) | 58-05,228N | 011-29,785E |
| Insert | special purpose spar buoy | l) | 58-04,687N | 011-29,501E |
| Insert | special purpose spar buoy | m) | 58-04,417N | 011-29,520E |
| Delete | marine farm | n) | 58-04,450N | 011-29,711E |
| Insert | special purpose spar buoy | o) | 58-04,037N | 011-28,463E |
| Insert | special purpose spar buoy | p) | 58-04,053N | 011-28,498E |
| Insert | special purpose spar buoy | q) | 58-03,970N | 011-28,648E |
| Insert | special purpose spar buoy | r) | 58-03,937N | 011-28,613E |

Bsp Västkusten N 2016/s23, Bsp Västkusten S 2016/s11



W of Lyr

Transportstyrelsen. Publ. 7 november 2018

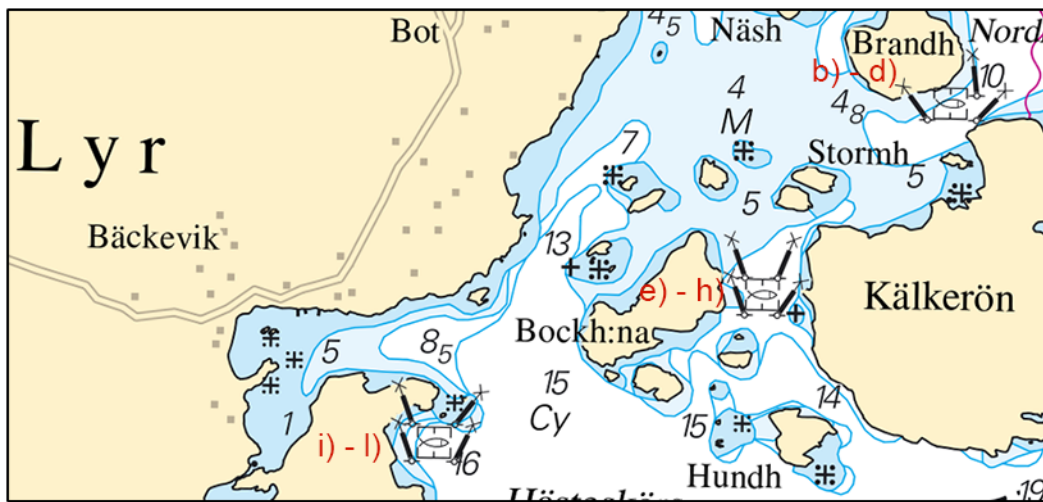
* 13534

Chart: 932

Sweden. Skagerrak. Orust. E of Lyr. Special purpose spar buoys. Marine farm.

| | | | | |
|--------|---------------------------|----|------------|-------------|
| Delete | marine farm | a) | 58-04,756N | 011-34,117E |
| Insert | special purpose spar buoy | b) | 58-04,700N | 011-33,950E |
| Insert | special purpose spar buoy | c) | 58-04,660N | 011-33,950E |
| Insert | special purpose spar buoy | d) | 58-04,660N | 011-33,800E |
| Insert | special purpose spar buoy | e) | 58-04,400N | 011-33,250E |
| Insert | special purpose spar buoy | f) | 58-04,400N | 011-33,350E |
| Insert | special purpose spar buoy | g) | 58-04,340N | 011-33,350E |
| Insert | special purpose spar buoy | h) | 58-04,340N | 011-33,250E |
| Insert | special purpose spar buoy | i) | 58-04,155N | 011-32,240E |
| Insert | special purpose spar buoy | j) | 58-04,155N | 011-32,370E |
| Insert | special purpose spar buoy | k) | 58-04,095N | 011-32,370E |
| Insert | special purpose spar buoy | l) | 58-04,095N | 011-32,240E |

Bsp Västkusten N 2016/s23, s24, Bsp Västkusten S 2016/s11, s12



E of Lyr

Scanfjord Mollösund AB / Transportstyrelsen. Publ. 7 november 2018

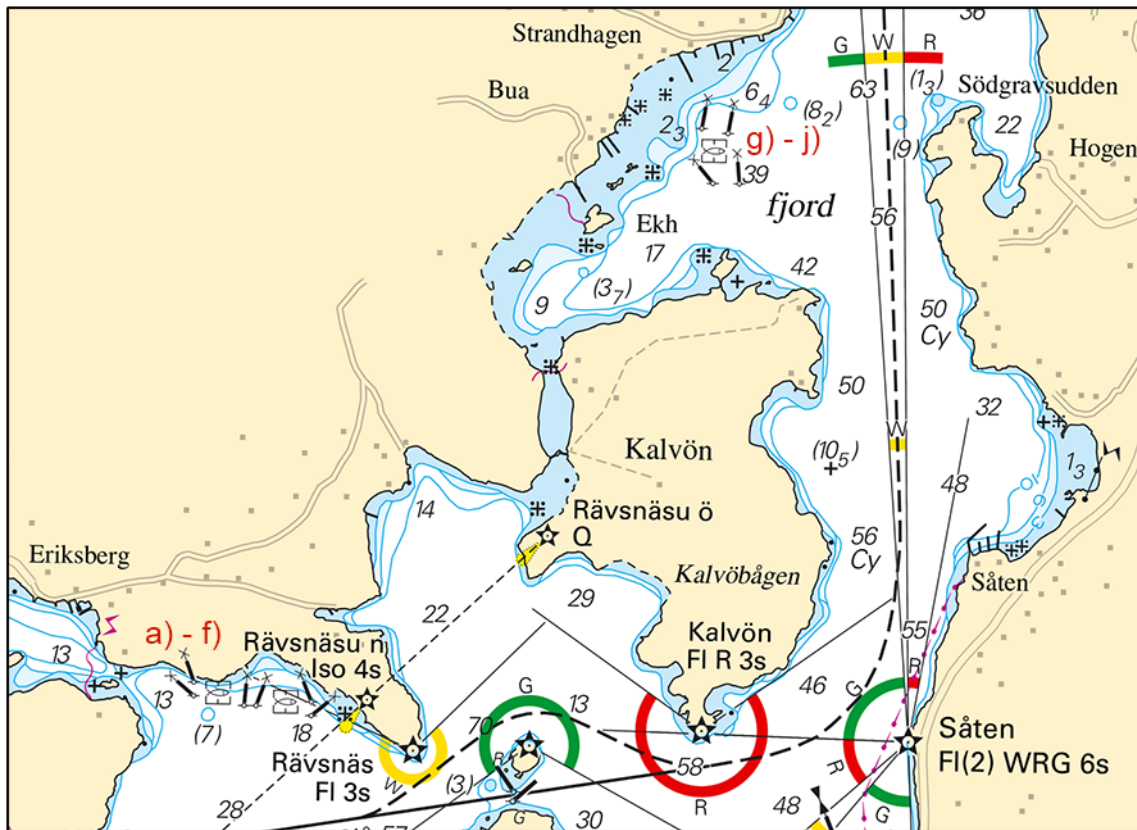
* 13559

Chart: 933

Sweden. Skagerrak. Orust. Borgilefjorden. Kalvö fjord. Special purpose spar buoy.

| | | | | |
|--------|---------------------------|----|------------|-------------|
| Insert | special purpose spar buoy | a) | 58-15,680N | 011-37,640E |
| Insert | special purpose spar buoy | b) | 58-15,650N | 011-37,640E |
| Insert | special purpose spar buoy | c) | 58-15,630N | 011-37,850E |
| Insert | special purpose spar buoy | d) | 58-15,630N | 011-37,900E |
| Insert | special purpose spar buoy | e) | 58-15,610N | 011-38,130E |
| Insert | special purpose spar buoy | f) | 58-15,640N | 011-38,130E |
| Insert | special purpose spar buoy | g) | 58-16,910N | 011-39,720E |
| Insert | special purpose spar buoy | h) | 58-16,900N | 011-39,830E |
| Insert | special purpose spar buoy | i) | 58-16,790N | 011-39,770E |
| Insert | special purpose spar buoy | j) | 58-16,790N | 011-39,880E |

Bsp Västskusten N 2016/s20



Kalvön

Scanfjord Mollösund AB / Transportstyrelsen. Publ. 7 november 2018

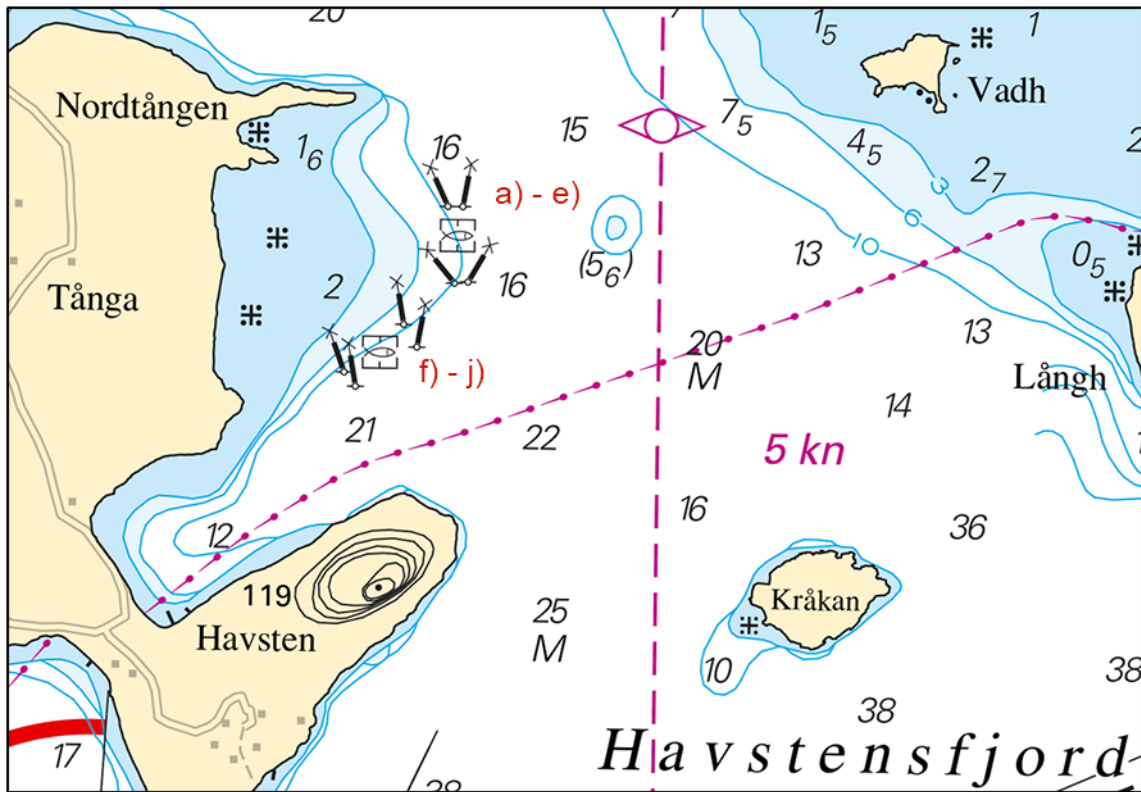
* 13560

Chart: 933

Sweden. Skagerrak. Orust. Havstensfjord. Special purpose spar buoy. Marine farm.

| | | | | |
|--------|---------------------------|----|------------|-------------|
| Insert | marine farm | a) | 58-19,494N | 011-44,408E |
| Insert | special purpose spar buoy | b) | 58-19,541N | 011-44,373E |
| Insert | special purpose spar buoy | c) | 58-19,541N | 011-44,417E |
| Insert | special purpose spar buoy | d) | 58-19,422N | 011-44,395E |
| Insert | special purpose spar buoy | e) | 58-19,424N | 011-44,435E |
| Insert | marine farm | f) | 58-19,313N | 011-44,183E |
| Insert | special purpose spar buoy | g) | 58-19,357N | 011-44,247E |
| Insert | special purpose spar buoy | h) | 58-19,322N | 011-44,287E |
| Insert | special purpose spar buoy | i) | 58-19,282N | 011-44,073E |
| Insert | special purpose spar buoy | j) | 58-19,260N | 011-44,107E |

Bsp Västkusten N 2016/s21



Havstensfjord

Scanfjord Mollösund AB / Transportstyrelsen. Publ. 7 november 2018

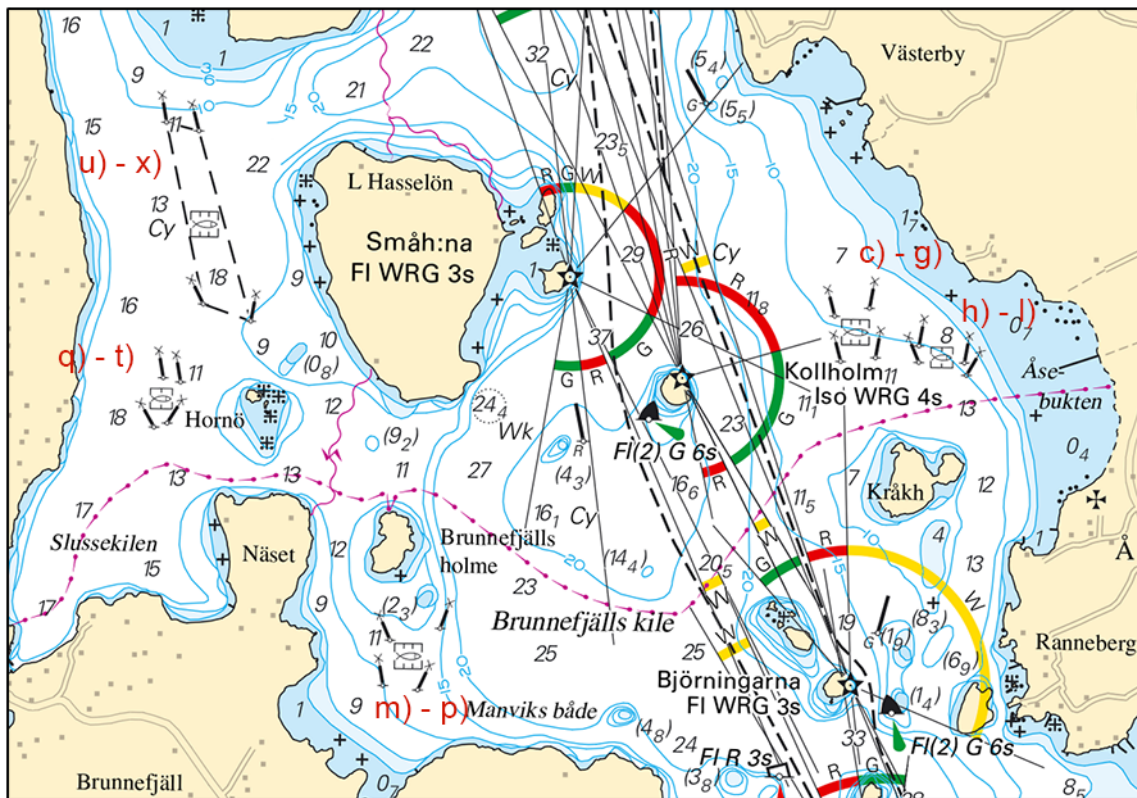
* 13561

Chart: 933

Sweden. Skagerrak. Orust. Lilla Hasselön. Slussen. Åsebukten. Special purpose spar buoys. Marine farm.

| | | | | |
|--------|---------------------------|----|------------|-------------|
| Delete | marine farm | a) | 58-16,750N | 011-49,350E |
| Delete | marine farm | b) | 58-16,280N | 011-49,640E |
| Insert | marine farm | c) | 58-16,464N | 011-49,588E |
| Insert | special purpose spar buoy | d) | 58-16,500N | 011-49,490E |
| Insert | special purpose spar buoy | e) | 58-16,520N | 011-49,650E |
| Insert | special purpose spar buoy | f) | 58-16,390N | 011-49,520E |
| Insert | special purpose spar buoy | g) | 58-16,400N | 011-49,680E |
| Insert | marine farm | h) | 58-16,400N | 011-49,986E |
| Insert | special purpose spar buoy | i) | 58-16,430N | 011-49,880E |
| Insert | special purpose spar buoy | j) | 58-16,390N | 011-49,880E |
| Insert | special purpose spar buoy | k) | 58-16,390N | 011-50,090E |
| Insert | special purpose spar buoy | l) | 58-16,360N | 011-50,100E |
| Insert | special purpose spar buoy | m) | 58-15,700N | 011-47,460E |
| Insert | special purpose spar buoy | n) | 58-15,730N | 011-47,690E |
| Insert | special purpose spar buoy | o) | 58-15,590N | 011-47,430E |
| Insert | special purpose spar buoy | p) | 58-15,580N | 011-47,590E |
| Insert | special purpose spar buoy | q) | 58-16,330N | 011-46,400E |
| Insert | special purpose spar buoy | r) | 58-16,320N | 011-46,480E |
| Insert | special purpose spar buoy | s) | 58-16,210N | 011-46,360E |
| Insert | special purpose spar buoy | t) | 58-16,220N | 011-46,420E |
| Insert | special purpose spar buoy | u) | 58-16,510N | 011-46,580E |
| Insert | special purpose spar buoy | v) | 58-16,470N | 011-46,800E |
| Insert | special purpose spar buoy | w) | 58-16,950N | 011-46,400E |
| Insert | special purpose spar buoy | x) | 58-16,930N | 011-46,550E |

Bsp Västskusten N 2016/s21



E of Orust

Scanford Mollösund AB / Transportstyrelsen. Publ. 7 november 2018

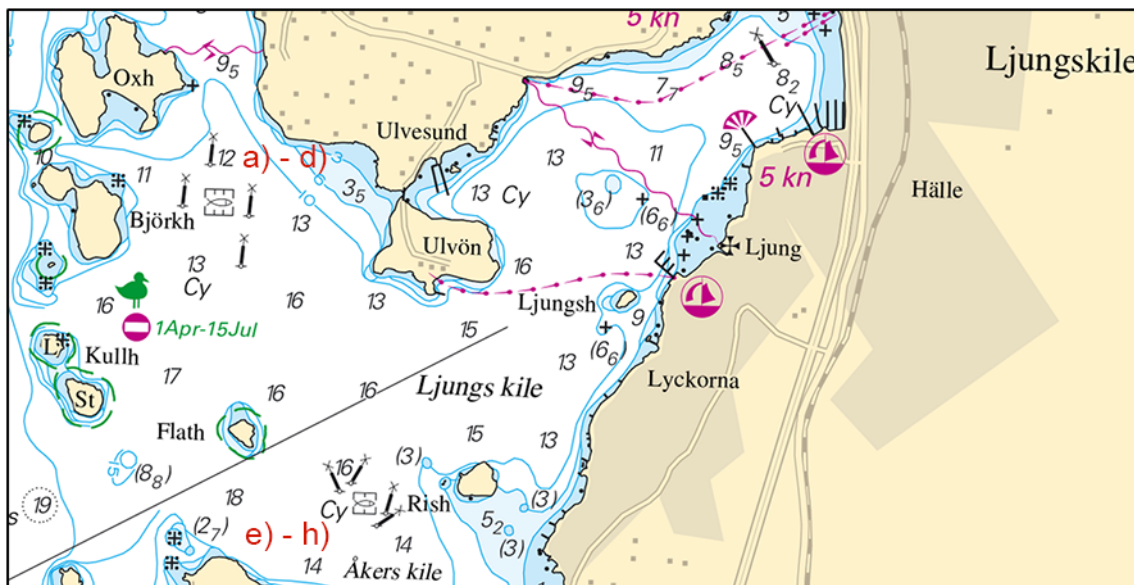
* 13566

Chart: 933

Sweden. Skagerrak. Orust. W of Ljungskile. Special purpose spar buoys.

| | | | | |
|--------|---------------------------|----|------------|-------------|
| Insert | special purpose spar buoy | a) | 58-13,200N | 011-52,140E |
| Insert | special purpose spar buoy | b) | 58-13,100N | 011-52,020E |
| Insert | special purpose spar buoy | c) | 58-12,960N | 011-52,290E |
| Insert | special purpose spar buoy | d) | 58-13,080N | 011-52,320E |
| Insert | special purpose spar buoy | e) | 58-12,430N | 011-52,760E |
| Insert | special purpose spar buoy | f) | 58-12,450N | 011-52,810E |
| Insert | special purpose spar buoy | g) | 58-12,350N | 011-52,930E |
| Insert | special purpose spar buoy | h) | 58-12,380N | 011-52,970E |

Bsp Västkusten N 2016/s21



W of Ljungskile

Scanfjord Mollösund AB / Transportstyrelsen. Publ. 7 november 2018

* 13577 (T)

Chart: 932, 9321

Sweden. Skagerrak. Tjörn. Härön. Kyrkesund. Cable laying.

Expired notices: 2018:727/13532(T)

Time: November 19 - 25, 2018.

Cable laying operations will be performed during one day between the stated dates. Mariners are requested to pass with caution.

| | | |
|-----------|------------|-------------|
| Kyrkesund | 58-00,897N | 011-30,885E |
| Härön | 58-00,896N | 011-30,728E |

Not shown in ENC.

Bsp Västkusten N 2016/s23, Bsp Västkusten S 2016/s11, s14, s36

Baltic Offshore Kalmar AB. Publ. 8 november 2018

Lake Vänern and Trollhätte Canal

* 13564 (T)

Chart: 1353

Sweden. Lake Vänern and Trollhätte Canal. Brinkebergskulle and N of Lilla Edet. Ice booms established.

Ice booms have been established S of Brinkebergskulle lock and N of Lilla Edet.

| | | | |
|---------------------------------------|----|-----------|------------|
| Smörkullen, N of Lilla Edet | a) | 58-09,13N | 012-07,78E |
| E of Bommen, in the fairway to Vargön | b) | 58-20,09N | 012-21,37E |

Note. Ice booms and buoys are shown in the chart.
Bsp Göta kanal 2011/s43, s48

Sjöfartsverket, Trollhättan. Publ. 8 november 2018