

Notification to Fishermen

Nord Stream 2 Project

30.08.2019

1. Purpose of this notification

Nord Stream 2 AG hereby submits a notification for the activities to be performed for the Nord Stream 2 Project in September 2019.

During this period, pipelay with *Solitaire* will resume in the Swedish EEZ in a southerly direction from south-east of Gotland. Rock placement activities along the pipeline route are planned in the Finnish and the Swedish EEZs.

Nord Stream 2 AG reminds that the construction vessels have limited manoeuvrability while performing their work and that safety exclusion zones are therefore established around the vessels carrying out the Nord Stream 2 activities.

2. Planned Vessels

Pipelay in Sweden

Solitaire – Call sign: 9HA4114



Solitaire Survey support

Fortitude – Call sign: 9HA4717



Normand Poseidon – Call sign: LAYO7



Other supporting vessels to Solitaire¹

Supply vessels:

Solvik Supplier, C6ZW5

Symphony Provider, MCES9

Standard Princess, MAQY2

Felicity, LNMG3

¹ Please note that the fleet is subject to change for operational reasons.

Alegria, LAFU8

Sea Goldcrest, LAMG5

Bourbon Topaz, C6CH2

Intervention tug / guard vessel:

THOR, 5BQL4

Supply vessels shuttling to and from Kotka in support of pipelay in Russian waters

Standard Supplier, MBFI6

Far Solitaire, LDYF

Symphony Performer, PBRD

Havila Fortress, C6NX9

Rock placement along the route in Finland and Sweden

Bravenes – Call sign: PDCF



Seahorse – Call sign: PCAP



3. Duration and locations of activities

In September, **rock placement** activities will be carried out with *Bravenes* and *Seahorse* in the Finnish and Swedish EEZs at various locations along the Nord Stream 2 route.

Pipelay with *Solitaire* will resume in the Swedish EEZ in southerly direction from south-east of Gotland. The pipe supply vessels will shuttle to the pipelaying vessel from the pipe logistics base in Mukran, Germany.

Kotka in Finland will remain an important logistics hub. Pipecarriers will shuttle between Kotka and the pipelay vessel operating in the Russian waters. In addition, rock transport will be carried out from Kotka (and potentially Inkoo).

The map below illustrates the planned September activities. Please note that these details are subject to change for operational reasons.

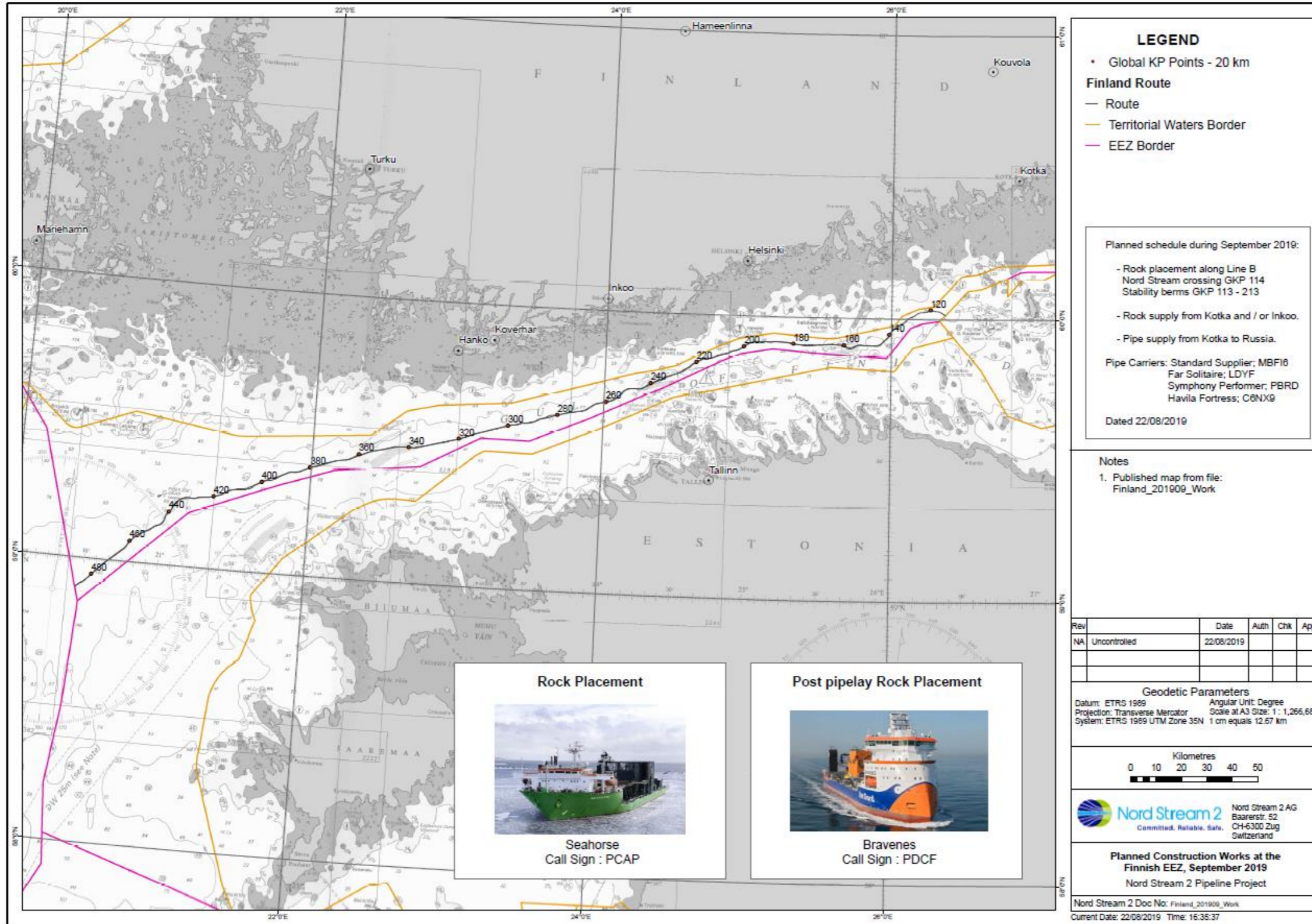


Figure 1: Nord Stream 2 construction activities in September in the Finnish EEZ

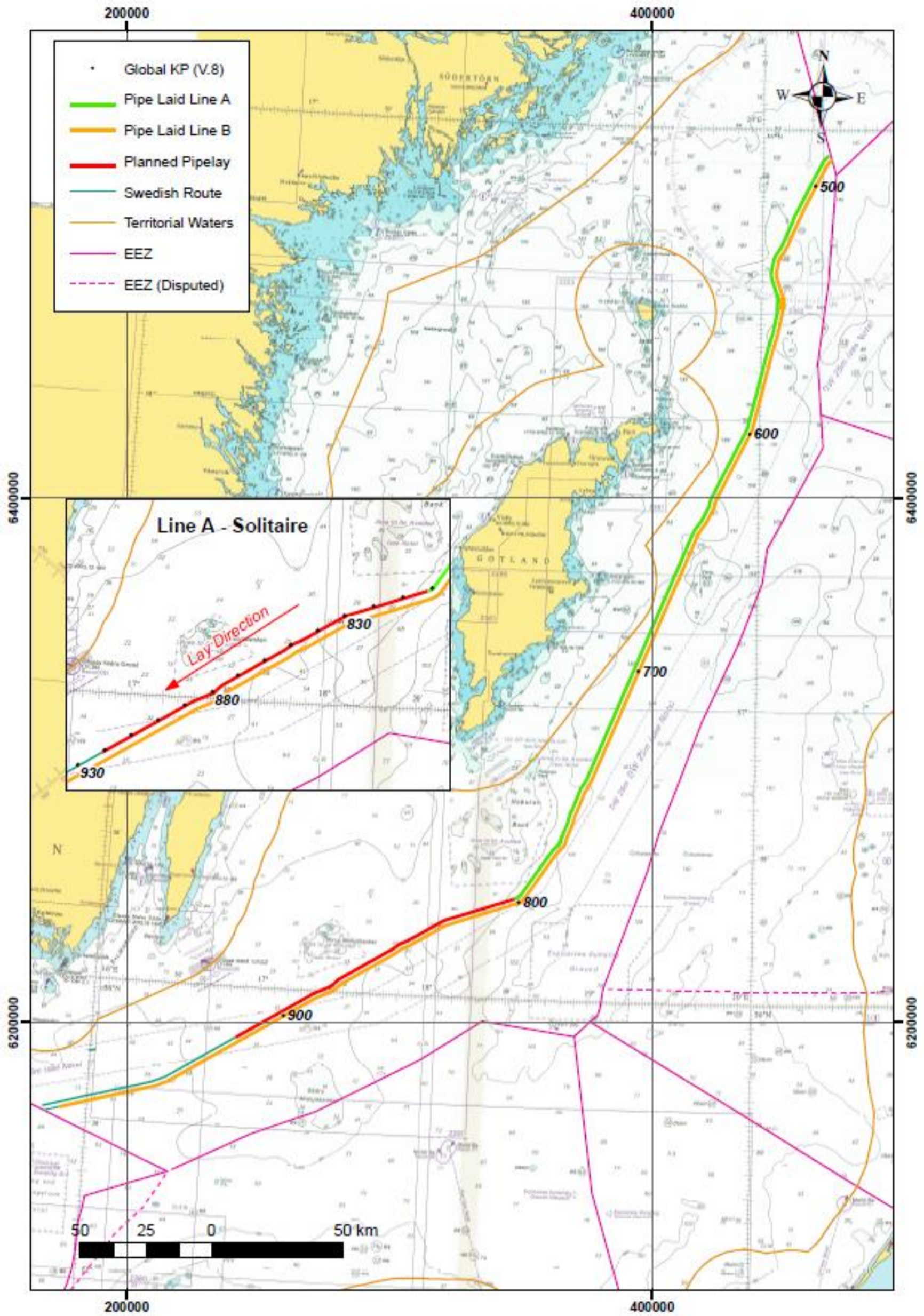


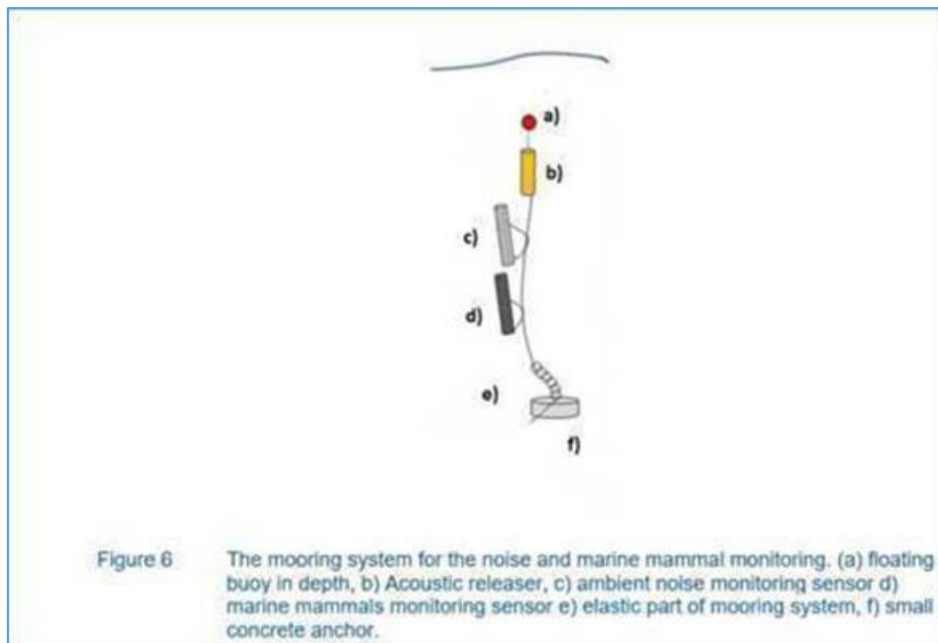
Figure 2: Nord Stream 2 construction activities in September in the Swedish EEZ

4. Monitoring activities in Swedish waters

Stationary hydrophones to measure underwater noise have been placed on the seabed at a few locations within the Natura 2000 area *Hoburgs bank och Midsjöbankarna*:

Rig ID	Latitude	Longitude
A1	56.1659	17.1364
A2	56.1722	17.1497
B1	55.9785	17.3412
B2	55.9836	17.3559
B3	55.9916	17.3531
D1	56.2860	18.3126
D2	56.2869	18.3173
D3	56.2812	18.3176

The underwater noise measurements are done due to a direct request from the Swedish authorities as part of Nord Stream 2's obligatory environmental monitoring program. The hydrophone rigs are up to 3 m in height above the seabed and are expected to measure noise until end October/early November 2019. In order to safeguard the rigs and to avoid the risk of damage to nets and other fishery equipment, fishermen are advised to avoid near-bottom trawling at these locations. The image below illustrates how a rig looks like:



5. Exclusion Zones

Nord Stream 2 AG would like to highlight that a safety zone of 1 nautical mile is established around the pipelaying vessel *Solitaire*, and 500 meters around the other vessels performing activities for Nord Stream 2 Project.



Nord Stream 2

Committed. Reliable. Safe.

Information about the works to be performed in the upcoming weeks, can also be found on the Notices to Mariners web-page, available at:

<https://vayla.fi/ammattimerenkulku/merikartat/merikarttojen-paivityspalvelu#.XMhhBGyP7Nw>²

and

<http://www.sjofartsverket.se/sv/Sjofart/Sjokort/Ufs---Underrattelser-for-sjofarande-/Sok-i-databasen11/>

In addition to this information regarding September activities, further notification(s) will follow in due course with regards to Nord Stream 2 construction activities in the coming months.

² If you have issues with accessing this link, please copy and paste it into browser.