



**FISKERIDIREKTORATET**

The Norwegian Directorate of Fisheries



**KYSTVERKET**

The Norwegian Coastal Administration

## **REPORT FROM THE SECTION OF ANALYSIS IN VARDØ**

*This report has been prepared by the Section of Analysis in Vardø.  
Further publication and use of this report is decided by the recipient.*

Our reference: 2020 06 06 "Solvita" YL2843

Date of issue: 28 October 2021

### **Recipient:**

This report was requested by the Ministry of Foreign Affairs, the Section for Treaty Law, Environmental Law and Law of the Sea.

The order was received June 19<sup>th</sup> 2020.

### **The content of the order:**

The Latvian company SIA North Star has filed for an arbitration case against Norway for the ICSID (International Centre of Settlement of Investment Disputes).

In this regard, the Ministry of Foreign Affairs have ordered an analysis based on AIS- tracking data for the vessels: "Saldus" YL2888, "Solveiga" YL2982, "Solvita" YL2843 and "Senator" YLAC, and their activity concerning snow crab harvesting in the Loop Hole in the Barents Sea.

The analysis shall also include the quantity of snow crab the vessels have caught and the time the vessels have spent respectively on the Norwegian and the Russian continental shelves in the Loop Hole with speed < 6 knots.

Executive officer(s): 2001, 2002, 2007

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## Summary

### Arrival and harvesting of snow crab.

“Ivangorod” arrived in Norway on January 17<sup>th</sup> 2014. In July 2014 “Ivangorod” was flagged to Latvia and its name was changed to “Solvita”. In the period from July 24<sup>th</sup> 2014 until September 6<sup>st</sup> 2016 “Solvita” was harvesting snow crab in the Loop Hole in the Barents Sea.

### Voyages

During this period “Solvita” had 39 voyages with catch of snow crab. 28 of the voyages ended in Båtsfjord port, nine voyages ended in Svartnes, Vardø port and two voyages ended in Kjøllefjord port. For two of the 39 voyages the catch was divided between Båtsfjord port and Svartnes port.

“Solvita” had five voyages with speed less than six knots on the Norwegian continental shelf in the Loop Hole.

### Landingnotes

We have registered a total of 40 landingnotes for “Solvita”. This is based on information from the Norwegian Fishermen’s Sales Organization.

### Summary of all voyages

Figure 1 “Solvita” summary all voyages

<b>Solvita YL2843</b>		
Hours on Norwegian Shelf < 6 knots	29,95	
Hours on Russian Shelf < 6 knots	8857,03	
Total hours < 6 knots	8904,71	
Percent time on Russian Shelf < 6 knots		99,46 %
Percent time on Norwegian Shelf < 6 knots		0,33 %
Snow crab landed live in kilo (total)		1 357 796
Seagourmet Norway AS	1 002 175	
Arctic Catch AS, Svartnes	288 790	
Norway Seafoods AS, Kjøllefjord	64 529	
Total catch Russian Shelf	1 354 032	99,72 %
Total catch Norwegian Shelf	3 764	0,28 %

The table above shows the summary of all voyages for “Solvita” harvesting snow crab in the Loop Hole.

“Solvita” had five periods during which it was sailing < 6 knots on the water column above the Norwegian continental shelf in the Loop Hole, indicating possible harvesting on the Norwegian continental shelf in the Loop Hole.

The total period of harvesting on the Norwegian continental shelf in the Loop Hole is estimated to be 29,95 hours. This is 0,33 percent of the total calculated harvesting time for 39 voyages. There was no delivery of catch on one voyage.

The total period of harvesting on the Russian continental shelf in the Loop Hole is calculated to be 8857 hours. This is 99,46 percent of the total calculated harvesting time for 39 voyages.

“Solvita” landed a total of 1 357 796 kilos snow crab in live weight. The catch from “Solvita” was delivered to three factories. The rows show the amount of catch delivered to each factory.

The last rows show the quantity and percent of catch caught in the Russian- and the Norwegian continental shelf in the Loop Hole. Of the total catch on 1 357 796 kilos 1 354 032 kilos or 99,72 percent was caught on the Russian continental shelf in the Loop Hole and 3 764 kilo or 0,28 percent was caught on the Norwegian continental shelf in the Loop Hole.

#### **The time after snow crab harvesting**

After its last delivery of snow crab on September 6<sup>st</sup> 2016, “Solvita” had two voyages in the Loop Hole with no catch. “Solvita” was laid up in Båtsfjord port until December 29<sup>th</sup> 2016. Under Latvian flag, “Solvita” sailed to Lithuania and arrived in January 2017.

#### **Inspections**

“Solvita” has not been inspected by Norwegian Authorities.

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## 1 “Solvita” YL2843

The object for this report is the vessel “Solvita” with IMO ship identification number 8721765, MMSI 275444000 and callsign YL2843. “Solvita”'s gross tonnage is 734 metric tons and length overall is 54,82 meters.

Figure 2 “Solvita”



Photo of “Solvita” YL2843.

Figure 3 “Solvita”

Registration

Last Updated: 02 Dec 2017

Name:


Solvita

Since: Before 09 Jul 2014

Name History

Name	From	Until
Ivangorod	After 01 Jan 1986	08 Jul 2014

Flag:



Latvia

Since: Before 09 Jul 2014

Flag Official Number:

Flag History

Flag	Flag Official Number	Call Sign	MMSI	Port Of Registry	From	Until
RUS		UARW	273290200	Nevelsk	After 01 Jan 1986	Before 08 Jul 2014

Call Sign:

YL2843

IMO:

8721765

MMSI:

275444000

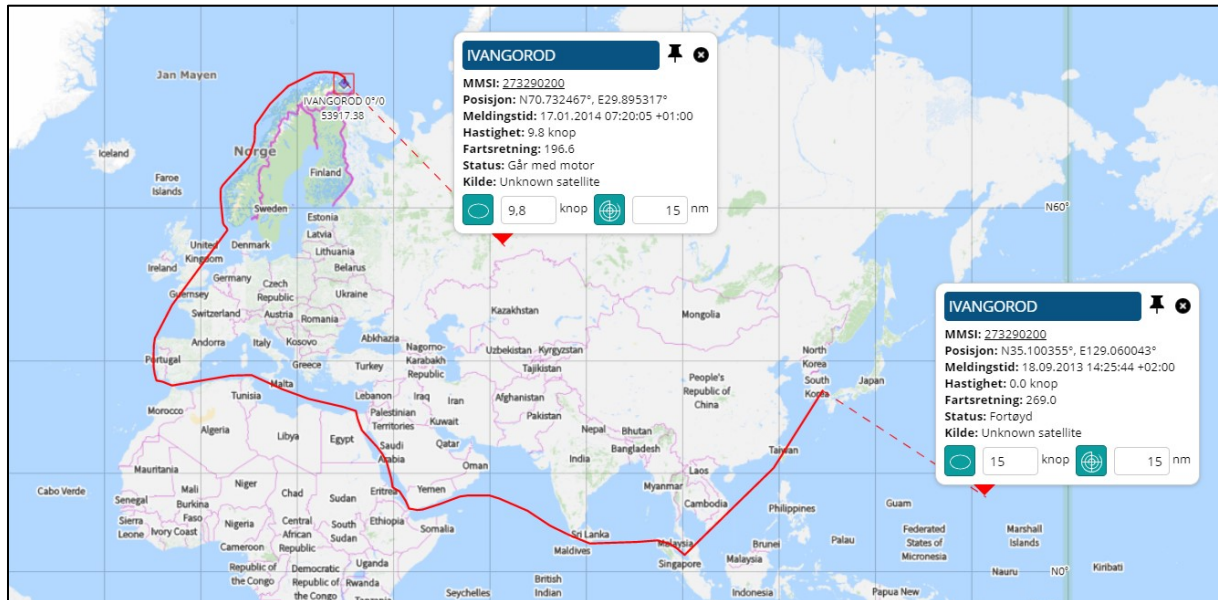
Port Of Registry:

Riga

The figure above shows the name history and flag history of “Solvita”. “Solvita” has been a Latvian-flagged vessel since July 2014. Vessel information has been obtained from Lloyd’s List Intelligence.

## 1.1 “Ivangorod” UARW arrival in Norway

Figure 4 “Ivangorod” UARW voyage to Norway



“Ivangorod” arrived in Norway on January 17<sup>th</sup> 2014.

The first AIS-position we registered for “Ivangorod” was on September 18<sup>th</sup> 2013. At that time “Ivangorod” was at port in South Korea. Then “Ivangorod” sailed to Norway.

In July 2014 “Ivangorod” was flagged to Latvia and changed name to “Solvita”

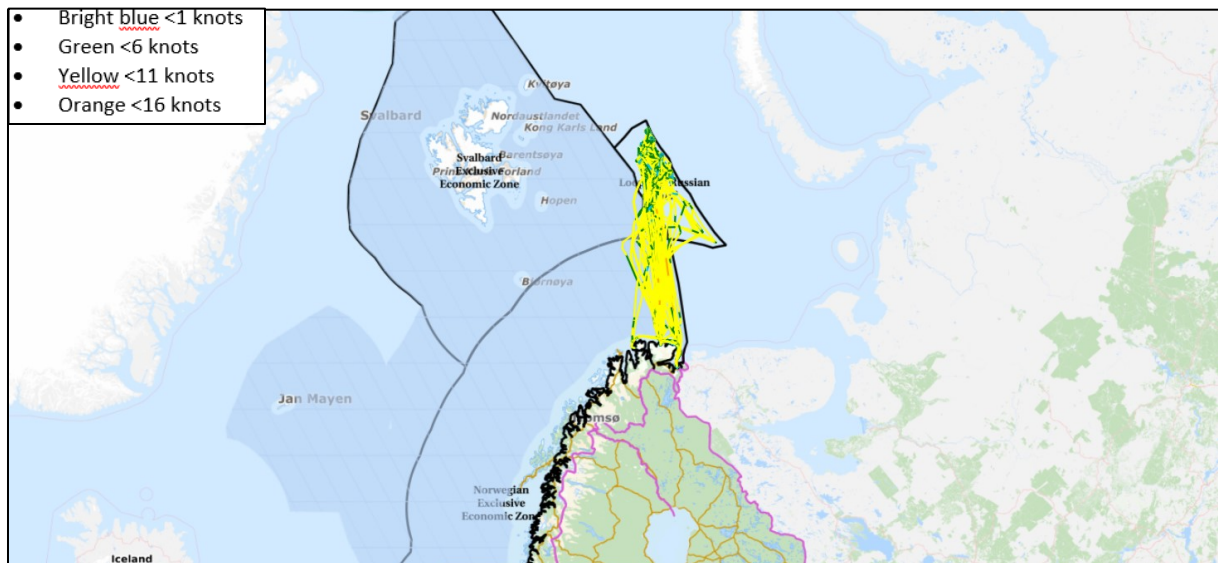
From July 2014 until September 2016 the vessel was harvesting snow crab in the Loop Hole in the Barents Sea.

All catch of snow crab was delivered live in Norway. “Solvita” is registered with a total of 39 landing notes for snow crab (*Chionoecetes Opilio*) divided on 38 voyages. The total catch was 1 357 796 kilos snow crab in live weight.



## 1.2 “Solvita” tracks for snow crab in the Barents Sea

Figure 5 “Solvita” tracks for snow crab



The picture above shows tracks for “Solvita” in the Barents Sea in the period from July 2014 until September 2016. “Solvita”’s first delivery of snow crab was done on August 14<sup>th</sup> 2014 and the last delivery of snow crab was September 8<sup>th</sup> 2016.

As explained the summary report: Orange colored tracks represent speeds of between 11 and 16 knots, yellow-colored tracks reflect speeds of between 6 and 11 knots, green colored tracks reflect speeds of between 1 and 6 knots and bright blue colored tracks reflect a speed of < 1 knot. Normally, speeds of < 6 knots (green and light blue tracks) indicate harvesting operations.

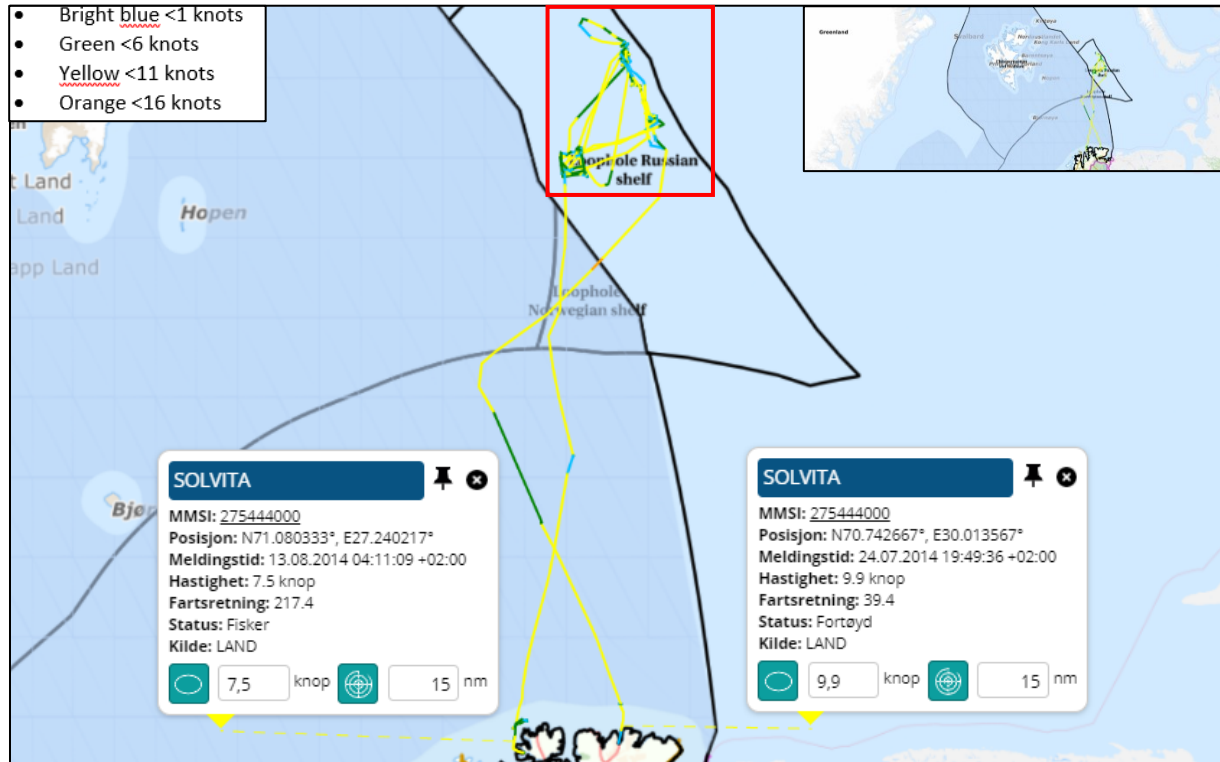
Each voyage regarding snow crab harvesting will be shown in the pictures in Chapter 2.

The following actions for “Solvita” after ending its snow crab harvesting is included in Chapter 3 and inspections done by Norwegian Authorities is included in Chapter 4.

## 2 Voyages for “Solvita” YL2843

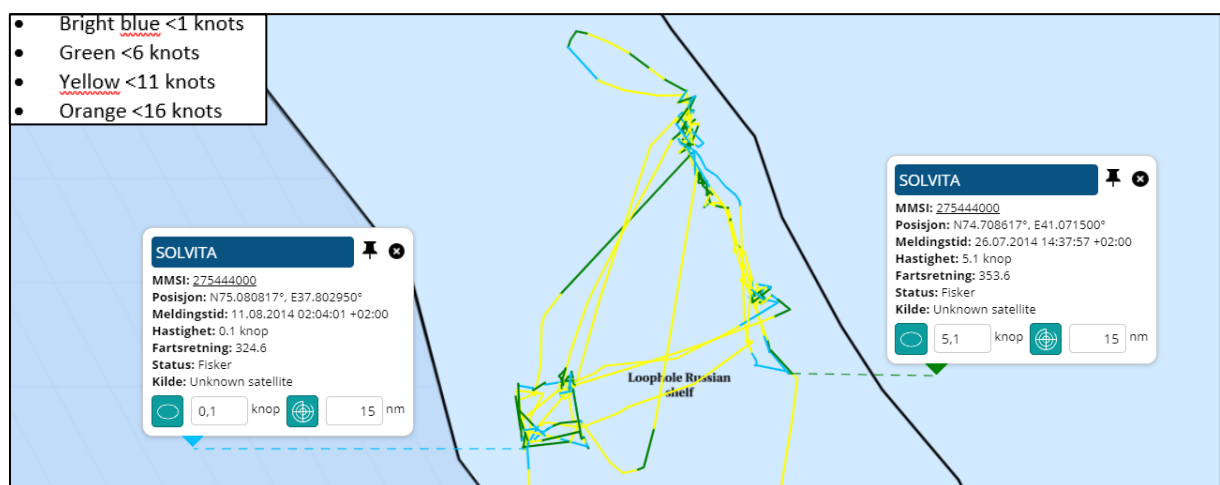
### 2.1 “Solvita” voyage 1 from July 24<sup>th</sup> to August 24<sup>th</sup> 2014

Figure 6 “Solvita” voyage 1, overview



Voyage 1, overview. “Solvita” left Båtsfjord port on July 24<sup>th</sup> 2014 and arrived in Kjøllefjord port on August 13<sup>rd</sup> 2014. On arrival, “Solvita” landed 34 587 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 7 “Solvita” voyage 1, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from July 26<sup>st</sup> 2014 time 14:37 until August 11<sup>th</sup> 2014 time 02:04.

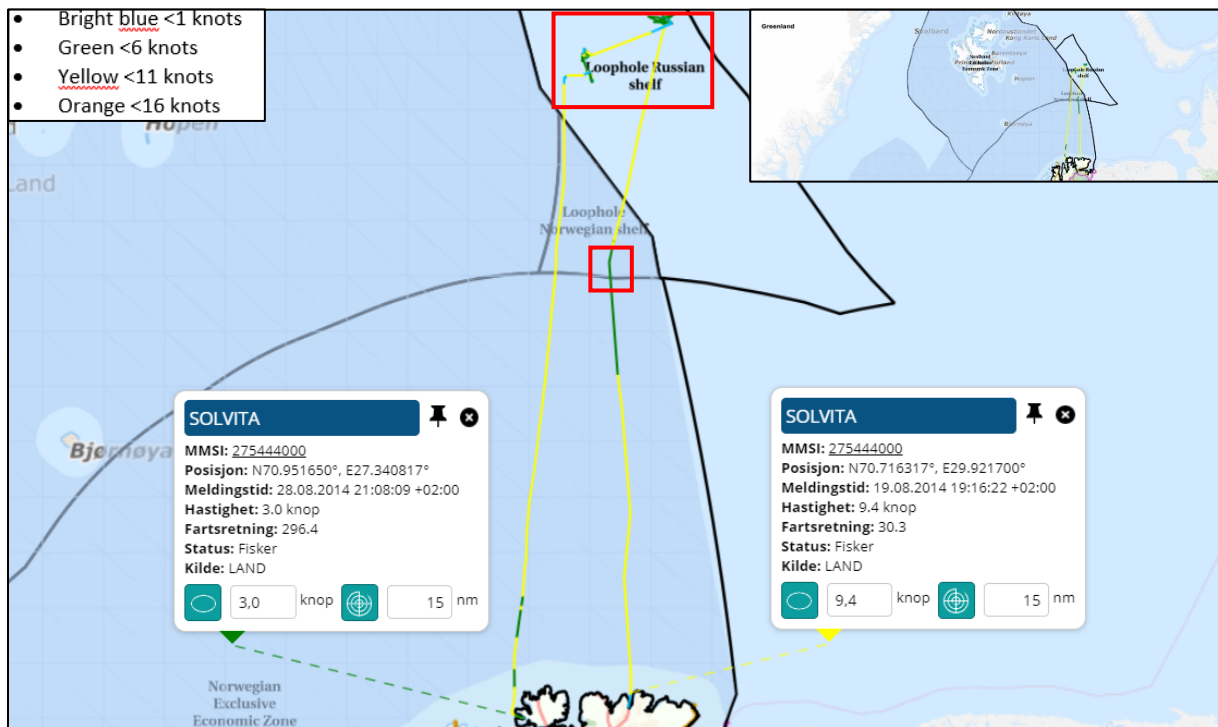
## 2.1.1 "Solvita" summary voyage 1

Figure 8 "Solvita" summary voyage 1

Voyage started from Båtsfjord port	Voyage ended in Kjøllefjord port	
24.07.2014	13.08.2014	
Entered Loophole Norwegian Shelf	26.07.2014 02:25	
Left Loophole Norwegian Shelf	26.07.2014 06:25	
Time on Norwegian Shelf (days:hours:minutes)		00:03:59
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	26.07.2014 06:25	
Left Loophole Russian Shelf	11.08.2014 05:17	
Time on Russian Shelf (days:hours:minutes)		15:22:52
Period with speed < 6 knots from	26.07.2014 14:37	
Period with speed < 6 knots to	11.08.2014 02:04	
Time with speed < 6 knots (days:hours:minutes)		15:11:26
Entered Loophole Norwegian Shelf	11.08.2014 05:17	
Left Loophole Norwegian Shelf	11.08.2014 13:19	
Time on Norwegian Shelf (days:hours:minutes)		00:08:01
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	363,26	
Total hours < 6 knots	363,26	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	34 587	
Factory (crab receiver)	NORWAY SEAFOODS AS	
Landingnote number and date	10304993	14.08.2014

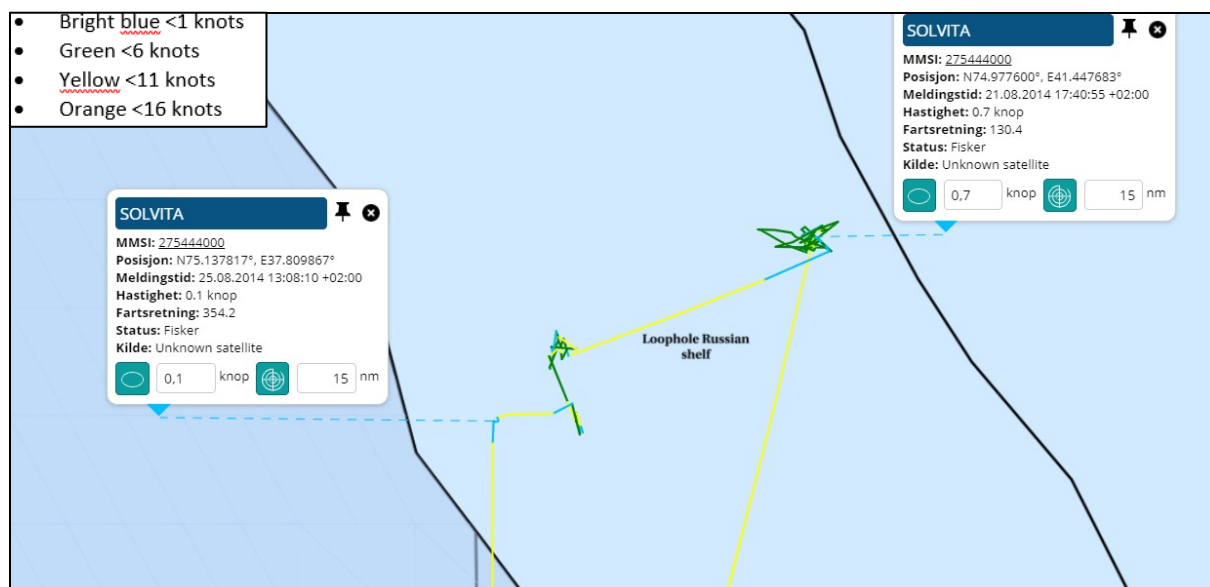
## 2.2 “Solvita” voyage 2 from August 19<sup>th</sup> to August 28<sup>th</sup> 2014

Figure 9 “Solvita” voyage 2, overview



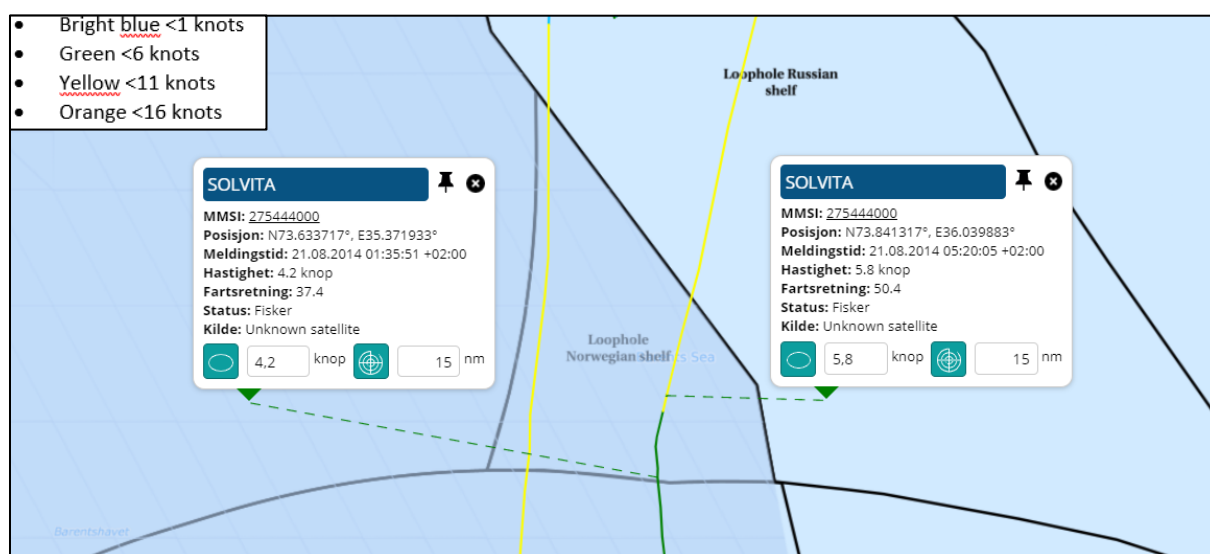
Voyage 2, overview. “Solvita” left Båtsfjord port on August 19<sup>th</sup> 2014 and arrived in Kjøllefjord port on August 28<sup>th</sup> 2014. On arrival, “Solvita” landed 29 942 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound. The green color of the track indicates that “Solvita” was sailing with speed < 6 knots in given periods in the Norwegian continental shelf in the Loop Hole. As explained below, however, the “Solvita” did not engage in any snow crab harvesting there.

Figure 10 "Solvita" voyage 2, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. "Solvita" was speeding < 6 knots in the period from August 21<sup>st</sup> 2014 time 17:40 until August 25<sup>th</sup> 2014 time 13:08.

Figure 11 "Solvita" voyage 2, < 6 knots in the Norwegian continental shelf



Norwegian continental shelf in the Loop Hole. "Solvita" was speeding < 6 knots in the period from August 21<sup>st</sup> time 01:35 until August 21<sup>st</sup> time 05:20. "Solvita" was entering the Norwegian continental shelf in the Loop Hole from the Norwegian Exclusive Economic Zone in speed < 6 knots.

According to the distance and time in between the AIS-positions "Solvita" has unlikely been involved in any harvesting of snow crab during this period.

Figure 12 "Solvita" voyage 2, < 6 knots AIS-positions in the Norwegian continental shelf

Skip	Mmsi	IMO	Callsign	Message time	Lon	Lat	Speed	Source
SOLVITA	275444000	8721765	YL2843	21.08.2014 01:35	35,371933	73,633717	4,20	Unknown satellite
SOLVITA	275444000	8721765	YL2843	21.08.2014 05:20	36,039883	73,841317	5,80	Unknown satellite

The table above shows time, position, and speed for the AIS-positions after the reduction in speed.

## 2.2.1 "Solvita" summary voyage 2

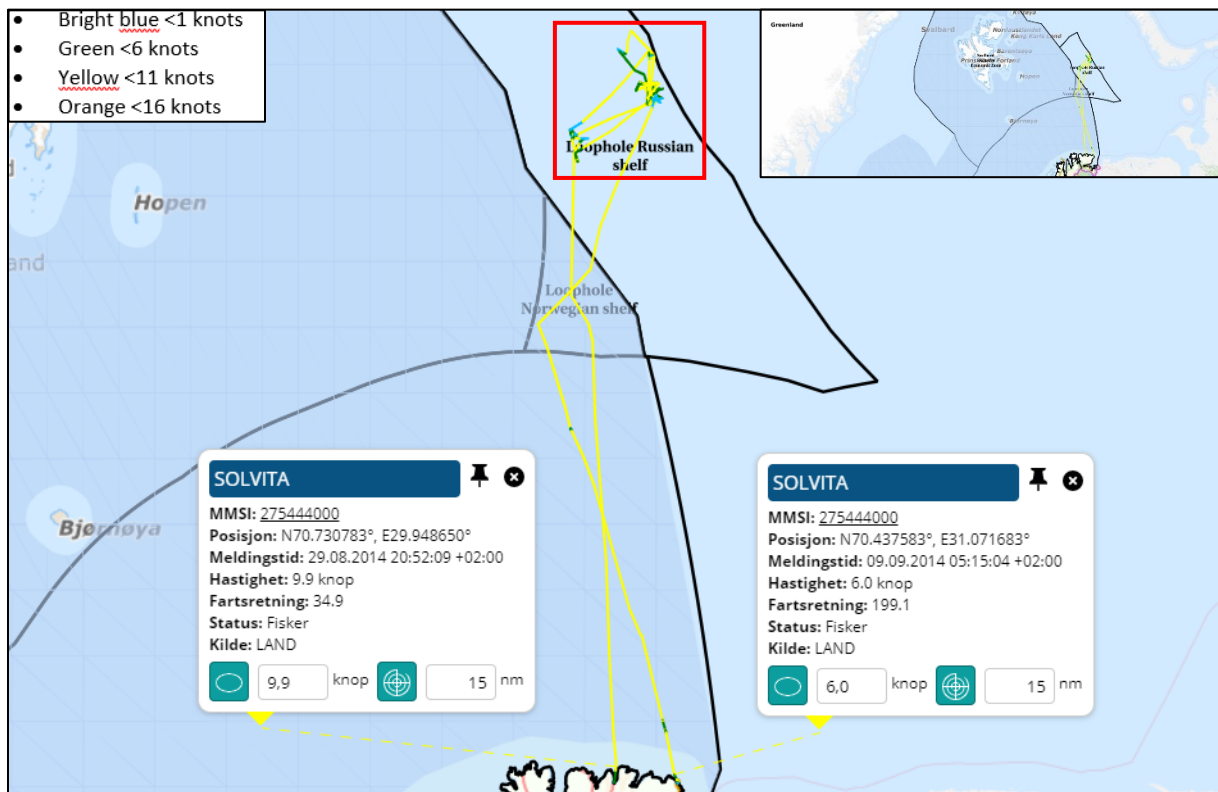
Figure 13 "Solvita" summary voyage 2

Voyage started from Båtsfjord port	Voyage ended in Kjøllefjord port	
19.08.2014	28.08.2014	
Entered Loophole Norwegian Shelf	21.08.2014 01:35	
Left Loophole Norwegian Shelf	21.08.2014 08:03	
Time on Norwegian Shelf (days:hours:minutes)		00:06:27
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	21.08.2014 08:03	
Left Loophole Russian Shelf	25.08.2014 16:16	
Time on Russian Shelf (days:hours:minutes)		04:08:12
Period with speed < 6 knots from	21.08.2014 17:40	
Period with speed < 6 knots to	25.08.2014 13:08	
Time with speed < 6.knots (days:hours:minutes)		03:19:27
Entered Loophole Norwegian Shelf	25.08.2014 16:16	
Left Loophole Norwegian Shelf	25.08.2014 23:46	
Time on Norwegian Shelf (days:hours:minutes)		00:07:29
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0,00	
Hours on Russian Shelf < 6 knots	104,12	
Total hours < 6 knots	104,12	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	29 942	
Factory (crab receiver)	NORWAY SEAFOODS AS	
Landingnote number and date	10309691	28.08.2014



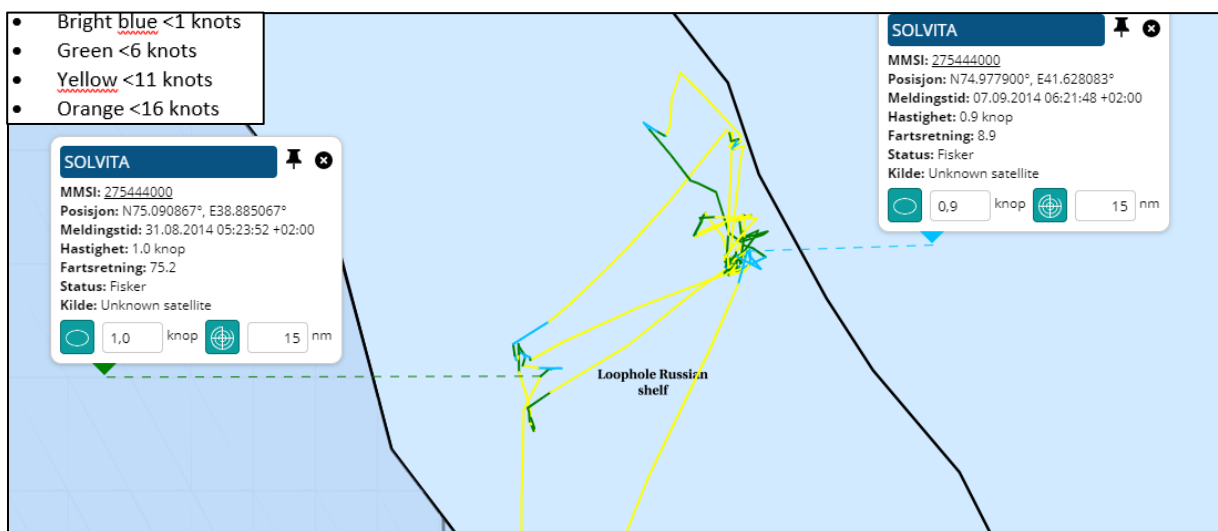
## 2.3 “Solvita” voyage 3 from August 29<sup>th</sup> to September 9<sup>th</sup> 2014

Figure 14 “Solvita” voyage 3, overview



Voyage 3, overview. “Solvita” left Båtsfjord port on August 29<sup>th</sup> 2014 and arrived in Vardø port on September 9<sup>th</sup> 2014. On arrival, “Solvita” landed 38 612 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 15 “Solvita” voyage 3, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from August 31<sup>st</sup> 2014 time 05:23 until September 7<sup>th</sup> 2014 time 06:21.

## 2.3.1 "Solvita" summary voyage 3

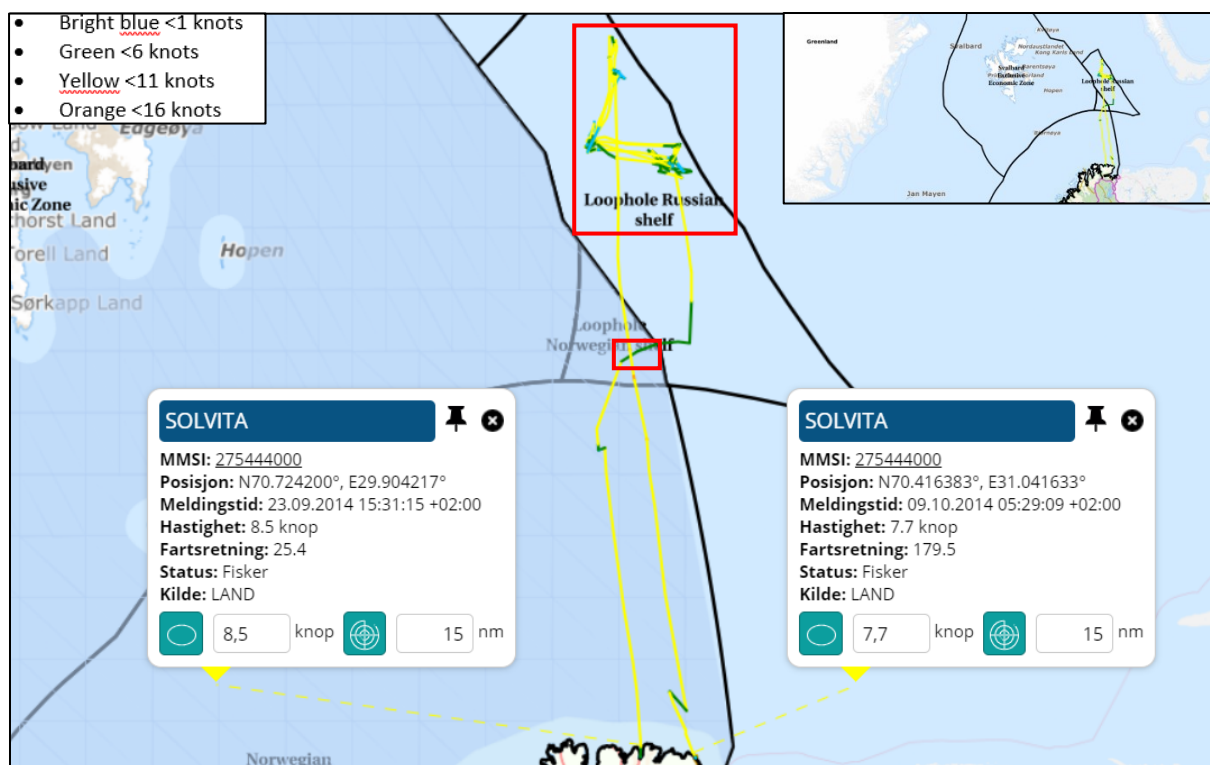
Figure 16 "Solvita" summary voyage 3

Voyage started from Båtsfjord port	Voyage ended in Vardø port	
29.08.2014	09.09.2014	
Entered Loophole Norwegian Shelf	30.08.2014 18:05	
Left Loophole Norwegian Shelf	31.08.2014 01:10	
Time on Norwegian Shelf (days:hours:minutes)		00:07:04
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	31.08.2014 01:10	
Left Loophole Russian Shelf	07.09.2014 19:06	
Time on Russian Shelf (days:hours:minutes)		07:17:56
Period with speed < 6 knots from	31.08.2014 05:23	
Period with speed < 6 knots to	07.09.2014 06:21	
Time with speed < 6 knots (days:hours:minutes)		07:00:58
Entered Loophole Norwegian Shelf	07.09.2014 19:06	
Left Loophole Norwegian Shelf	08.09.2014 03:19	
Time on Norwegian Shelf (days:hours:minutes)		00:08:12
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	168,58	
Total hours < 6 knots	168,58	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	38 612	
Factory (crab receiver)	ARCTIC CATCH AS	
Landingnote number and date	10314009	10.09.2014



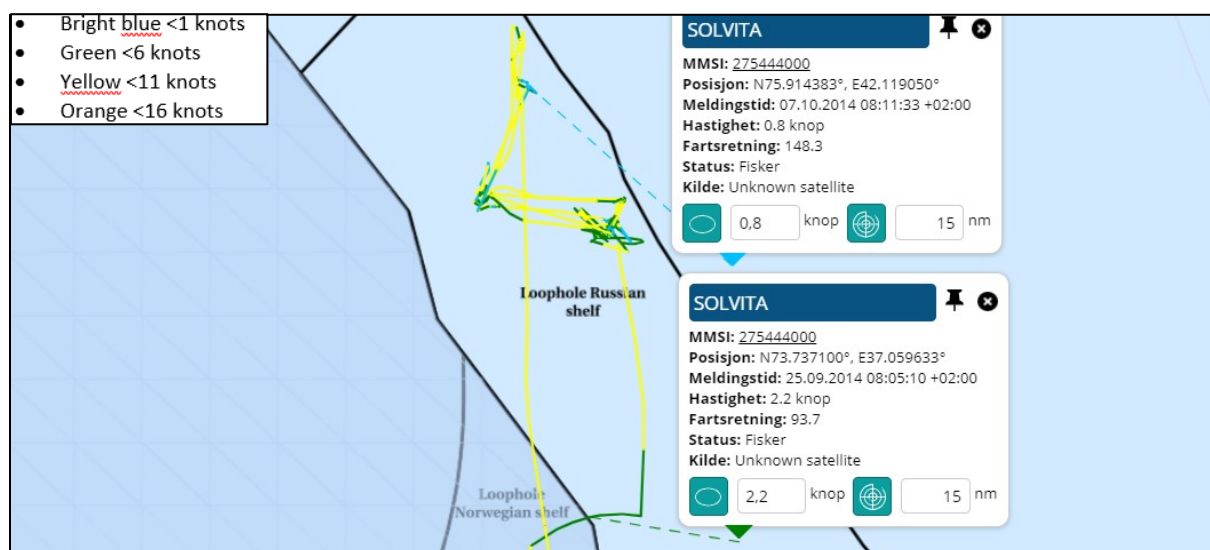
## 2.4 “Solvita” voyage 4 from September 23<sup>rd</sup> to October 9<sup>th</sup> 2014

Figure 17 “Solvita” voyage 4, overview



Voyage 4, overview. “Solvita” left Båtsfjord port on September 23<sup>rd</sup> 2014 and arrived in Vardø port on October 9<sup>th</sup> 2014. On arrival, “Solvita” landed 29 690 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound. The green color of the track indicates that “Solvita” was sailing with speed < 6 knots in given periods, southbound in the Norwegian continental shelf.

Figure 18 “Solvita” voyage 4, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from September 25<sup>th</sup> 2014 time 08:05 until October 7<sup>th</sup> 2014 time 08:11.

Figure 19 "Solvita" voyage 4, < 6 knots in the Norwegian continental shelf



Norwegian continental shelf in the Loop Hole. "Solvita" was speeding < 6 knots in the period from September 24<sup>th</sup> time 20:44 until September 25<sup>th</sup> time 08:05. "Solvita" was entering the Norwegian continental shelf off the Loop Hole from the Russian continental shelf in the Loop Hole in speed < 6 knots.

According to the distance and time in between the AIS-positions it is unlikely that the "Solvita" was involved in any harvesting of snow crab during this period.

Figure 20 "Solvita" voyage 4, < 6 knots AIS-positions in the Norwegian continental shelf

Skip	Mmsi	IMO	Callsign	Message time	Lon	Lat	Speed	Source
SOLVITA	275444000	8721765	YL2843	24.09.2014 20:44	35,726883	73,806533	3,10	Unknown satellite
SOLVITA	275444000	8721765	YL2843	25.09.2014 08:05	37,059633	73,7371	2,20	Unknown satellite

The table above shows time, position, and speed for the AIS-positions after the reduction in speed.

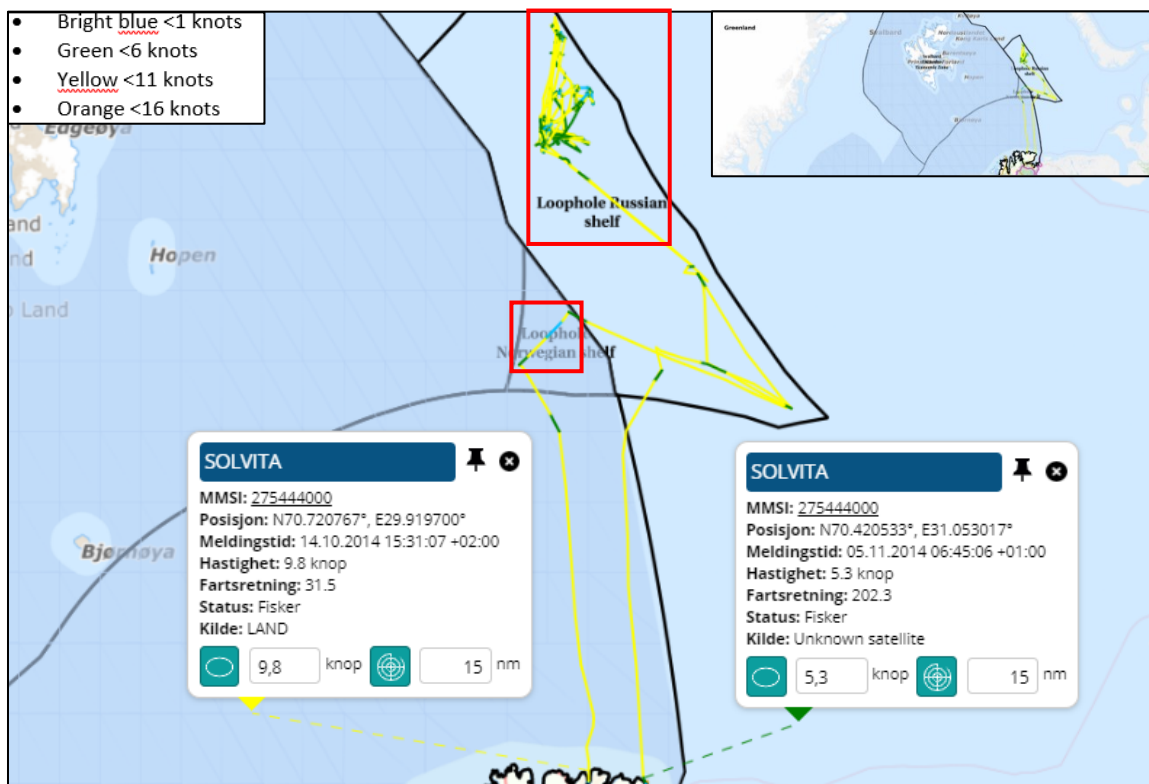
## 2.4.1 "Solvita" summary voyage 4

Figure 21 "Solvita" summary voyage 4

Voyage started from Båtsfjord port	Voyage ended in Vardø port	
23.09.2014	09.10.2014	
Entered Loophole Norwegian Shelf northbound	24.09.2014 19:10	
Left Loophole Norwegian Shelf northbound	25.09.2014 08:05	
Time on Norwegian Shelf (days:hours:minutes)		00:12:54
Period with speed < 6 knots from	24.09.2014 20:44	
Period with speed < 6 knots to	25.09.2014 08:05	
Time with speed < 6 knots (days:hours:minutes)		00:11:21
Entered Loophole Russian Shelf	25.09.2014 08:05	
Left Loophole Russian Shelf	07.10.2014 22:31	
Time on Russian Shelf (days:hours:minutes)		12:14:26
Period with speed < 6 knots from	25.09.2014 08:05	
Period with speed < 6 knots to	07.10.2014 08:11	
Time with speed < 6 knots (days:hours:minutes)		12:00:06
Entered Loophole Norwegian Shelf southbound	07.10.2014 22:31	
Left Loophole Norwegian Shelf southbound	08.10.2014 03:33	
Time on Norwegian Shelf (days:hours:minutes)		00:05:02
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0,00	
Hours on Russian Shelf < 6 knots	288,06	
Total hours < 6 knots	288,06	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	29 690	
Factory (crab receiver)	ARCTIC CATCH AS	
Landingnote number and date	10322567	10.10.2014

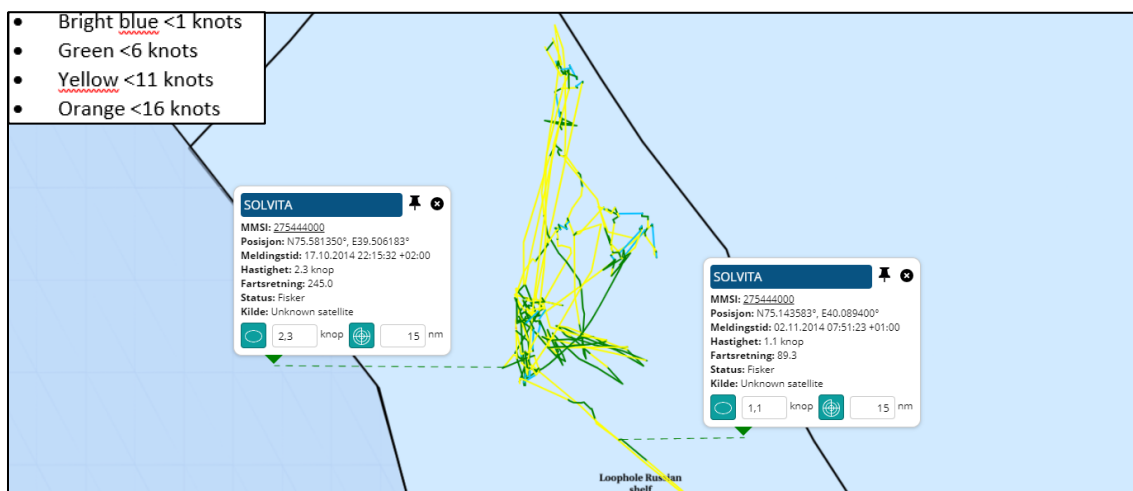
## 2.5 “Solvita” voyage 5 from October 14<sup>th</sup> to November 5<sup>th</sup> 2014

Figure 22 “Solvita” voyage 5, overview



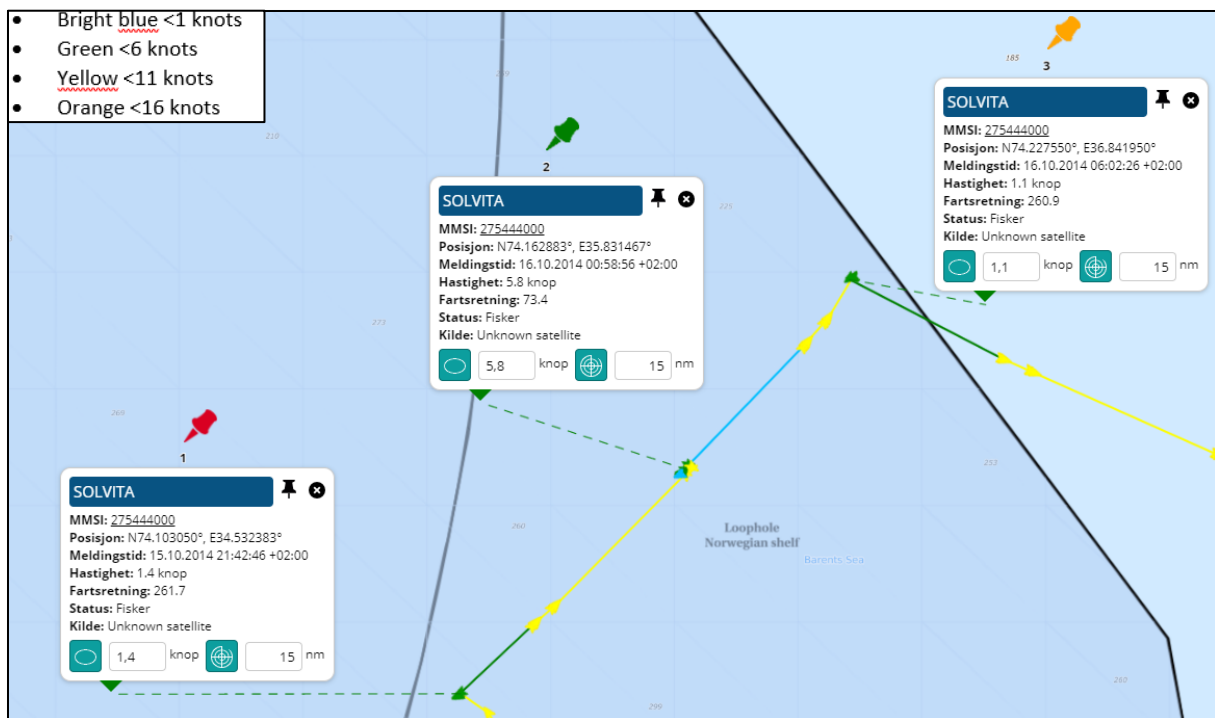
Voyage 5, overview. “Solvita” left Båtsfjord port on October 14<sup>th</sup> 2014 and arrived in Vardø port on November 5<sup>th</sup> 2014. On arrival, “Solvita” landed 27 491 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound. The blue and green color of the track indicates that “Solvita” was sailing with speed < 6 knots in given periods northbound in the Norwegian continental shelf.

Figure 23 “Solvita” voyage 4, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from October 17<sup>th</sup> 2014 time 22:15 until November 2<sup>nd</sup> 2014 time 07:51. This is 99,60 percent of the total period < 6 knots in the Loop Hole for this voyage.

Figure 24 "Solvita" voyage 5, < 6 knots in the Norwegian continental shelf



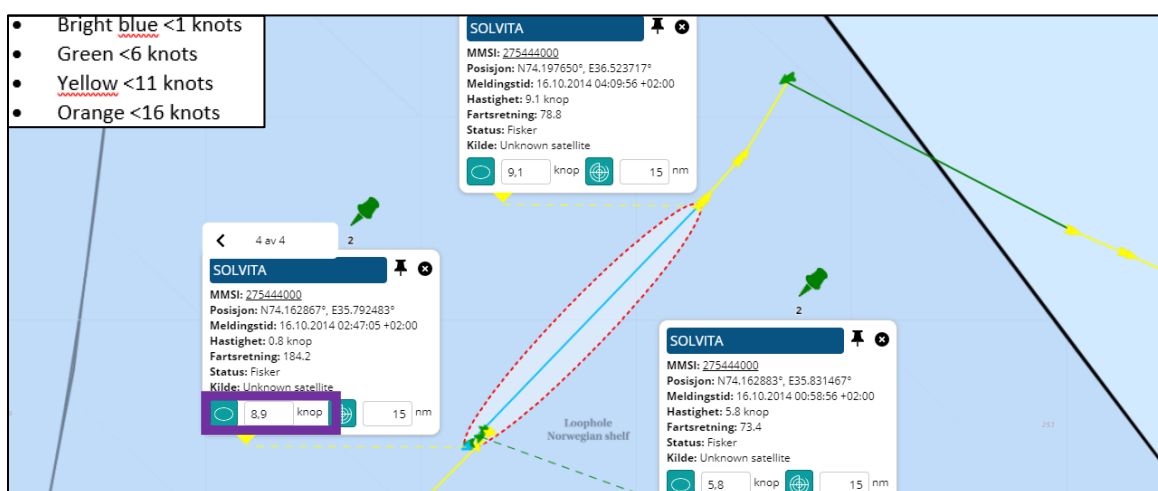
Norwegian continental shelf in the Loop Hole. "Solvita" was speeding < 6 knots in the period from October 15<sup>th</sup> time 21:42 until October 16<sup>st</sup> time 06:02. During this time, as the "Solvita" was travelling at different speeds, its various positions and changes of speeds are marked with three coloured pins.

Red pin (1). "Solvita" had a stay of approximately 10 minutes.

Green pin (2). "Solvita" had a stay of approximately two hours. This stay will be looked at in more detail in figure 25 below.

Orange pin (3). "Solvita" had a stay of approximately 10 minutes.

Figure 25 "Solvita" voyage 5, < 6 knots in the Norwegian continental shelf



Norwegian continental shelf in the Loop Hole. "Solvita" was speeding < 6 knots in the period from October 16<sup>st</sup> time 00:58 until October 16<sup>st</sup> time 02:47. This period of stay is in approximately two hours. The red dotted ellipse shows the theoretical area where "Solvita" has moved in between time

02:47 and time 04:09 on October 16<sup>st</sup>. The purple rectangular box in the pop up above shows the average speed “Solvita” may have had in the dotted ellipse. “Solvita” was speeding > 6 knots in the dotted ellipse.

Assuming that the “Solvita” was engaged in crabbing activity during this two-hours period, this is 0,40 percent of the total period < 6 knots in the Loop Hole for this voyage. This period could, however, be explained by weather conditions, engine failures or other technical issues, given that the vessel appears to have been traveling in a relatively direct line.

## 2.5.1 "Solvita" summary voyage 5

Figure 26 "Solvita" summary voyage 5

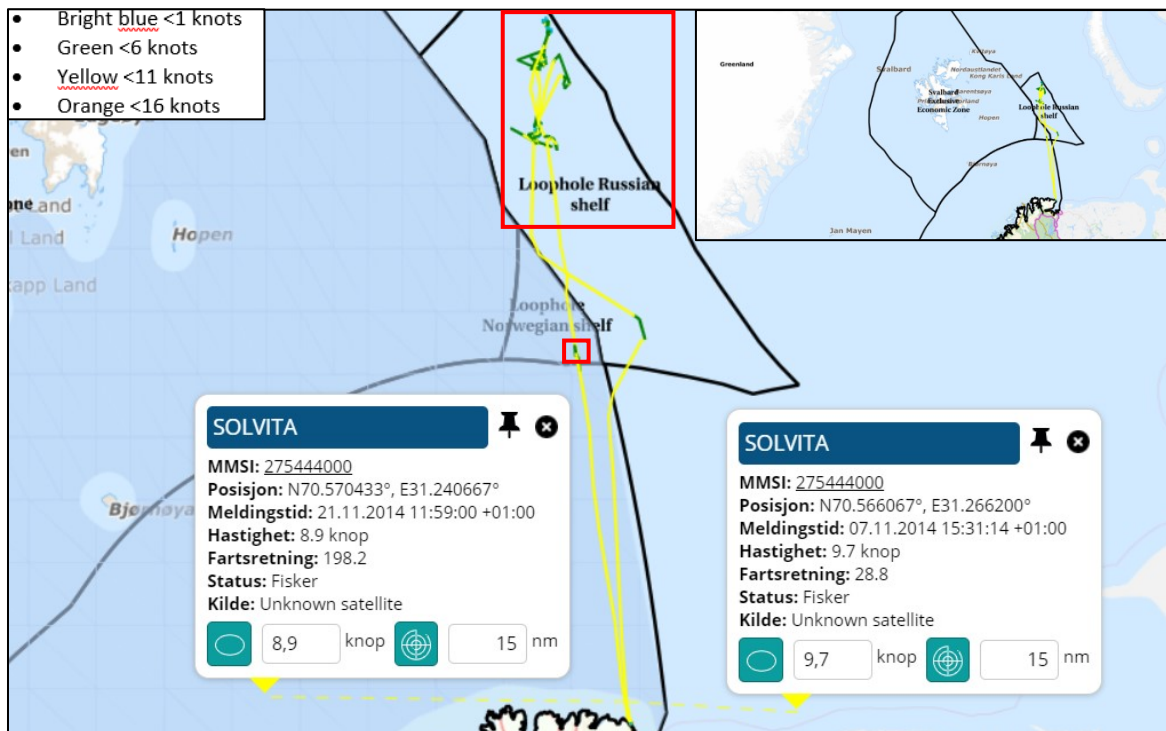
Voyage started from Båtsfjord port	Voyage ended in Vardø port	
14.10.2014	05.11.2014	
Entered Loophole Norwegian Shelf	15.10.2014 18:43	
Left Loophole Norwegian Shelf	16.10.2014 07:25	
Time on Norwegian Shelf (days:hours:minutes)		00:12:42
Period with speed < 6 knots from	15.10.2014 21:42	
Period with speed < 6 knots to	16.10.2014 06:02	
Time with speed < 6 knots (days:hours:minutes)		00:08:19
Entered Loophole Russian Shelf	16.10.2014 07:25	
Left Loophole Russian Shelf	04.11.2014 06:49	
Time on Russian Shelf (days:hours:minutes)		18:23:23
Period with speed < 6 knots from	17.10.2014 22:15	
Period with speed < 6 knots to	02.11.2014 07:51	
Time with speed < 6 knots (days:hours:minutes)		15:09:35
Entered Loophole Norwegian Shelf		
Left Loophole Norwegian Shelf		
Time on Norwegian Shelf (days:hours:minutes)	NO TRACKS IN ZONE	
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		
Hours on Norwegian Shelf < 6 knots	1,48	
Hours on Russian Shelf < 6 knots	369,35	
Total hours < 6 knots	370,83	
Percent time on Russian Shelf < 6 knots	99,60 %	
Percent time on Norwegian Shelf < 6 knots	0,40 %	
Snow crab landed live in kg	27 491	
Factory (crab receiver)	ARCTIC CATCH AS	
Landingnote number and date	10330252	06.11.2014

The estimated catch of snow crab in the Norwegian continental shelf 0,40 percent of 27 491 kilos. In this case estimated to be 110 kilos in the Norwegian continental shelf in the Loop Hole.



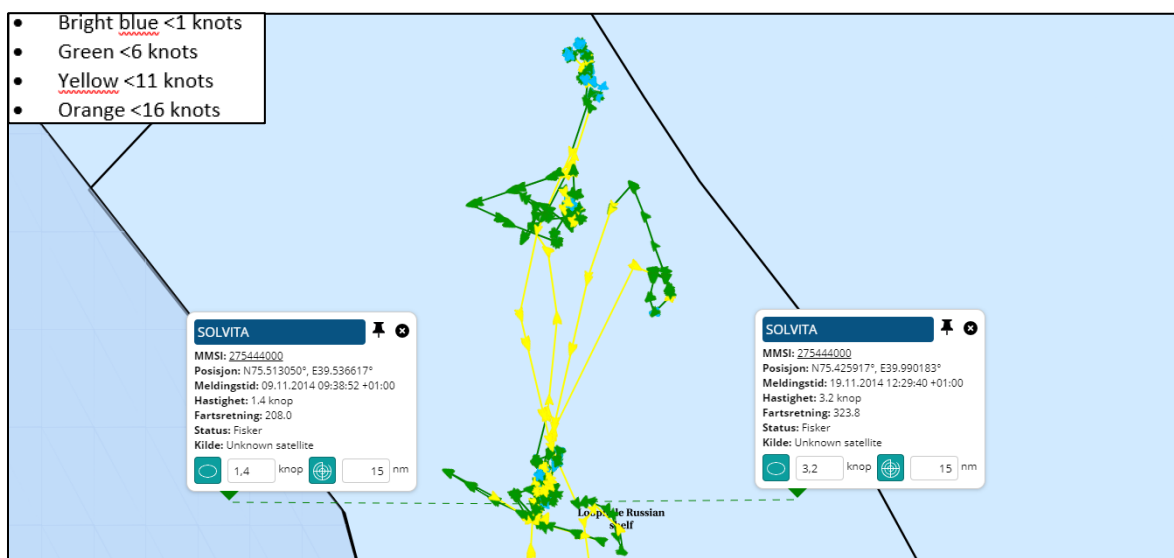
## 2.6 “Solvita” voyage 6 from November 7<sup>th</sup> to November 21<sup>st</sup> 2014

Figure 27 “Solvita” voyage 6, overview



Voyage 6, overview. “Solvita” left Vardø port on November 7<sup>th</sup> 2014 and arrived in Vardø port on November 21<sup>st</sup> 2014. On arrival, “Solvita” landed 20 757 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, southbound. The green color of the track indicates that “Solvita” was sailing with speed < 6 knots in given periods in the Norwegian continental shelf.

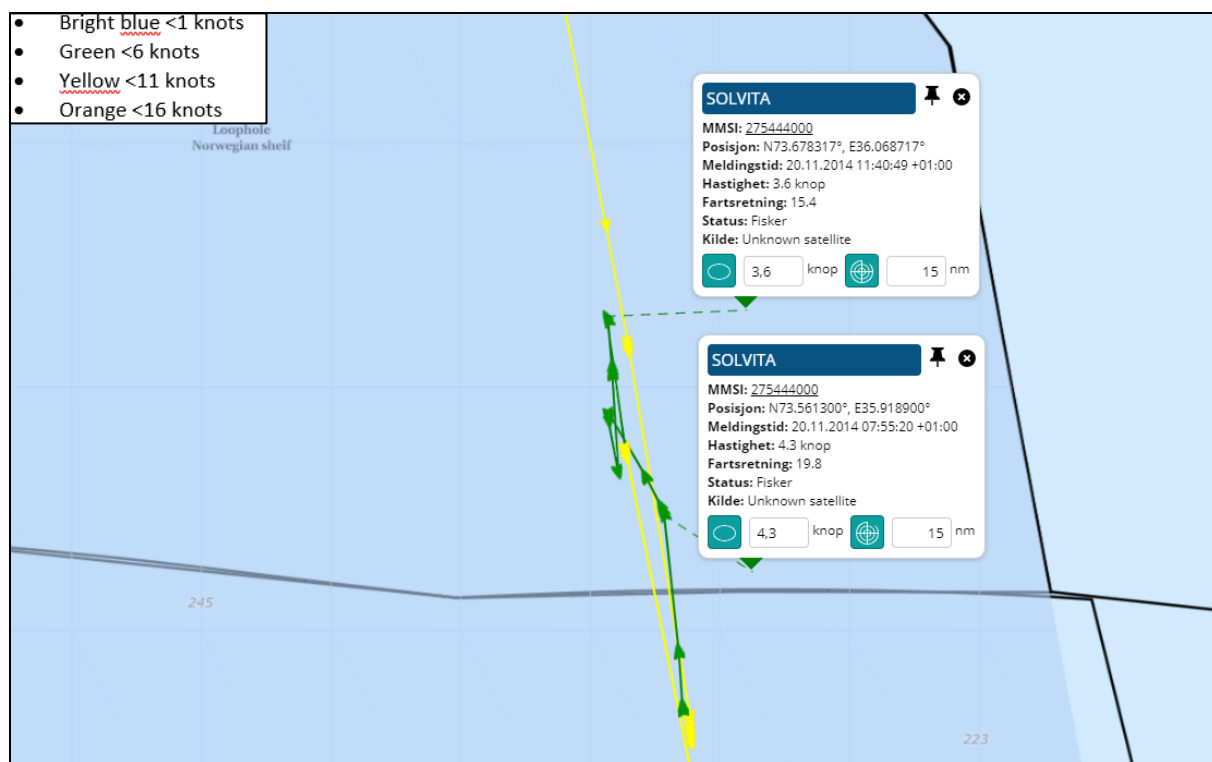
Figure 28 “Solvita” voyage 6, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from November 9<sup>th</sup> 2014 time 09:38 until November 19<sup>th</sup> 2014 time 12:29.



Figure 29 "Solvita" voyage 6, < 6 knots in the Norwegian continental shelf



Norwegian continental shelf in the Loop Hole. "Solvita" was speeding < 6 knots in the period from November 11<sup>th</sup> time 07:55 until November 11<sup>th</sup> time 11:40.

According to the distance and time in between the AIS-positions "Solvita" has unlikely been involved in any harvesting of snow crab during this period.

Figure 30 "Solvita" voyage 6, < 6 knots AIS-positions in the Norwegian continental shelf

Skip	Mmsi	IMO	Callsign	Message time	Lon	Lat	Speed	Source
SOLVITA	275444000	8721765	YL2843	20.11.2014 07:55	35,9189	73,5613	4,30	Unknown satellite
SOLVITA	275444000	8721765	YL2843	20.11.2014 11:40	36,068717	73,678317	3,60	Unknown satellite

The table above shows time, position, and speed for the AIS-positions after the reduction in speed.

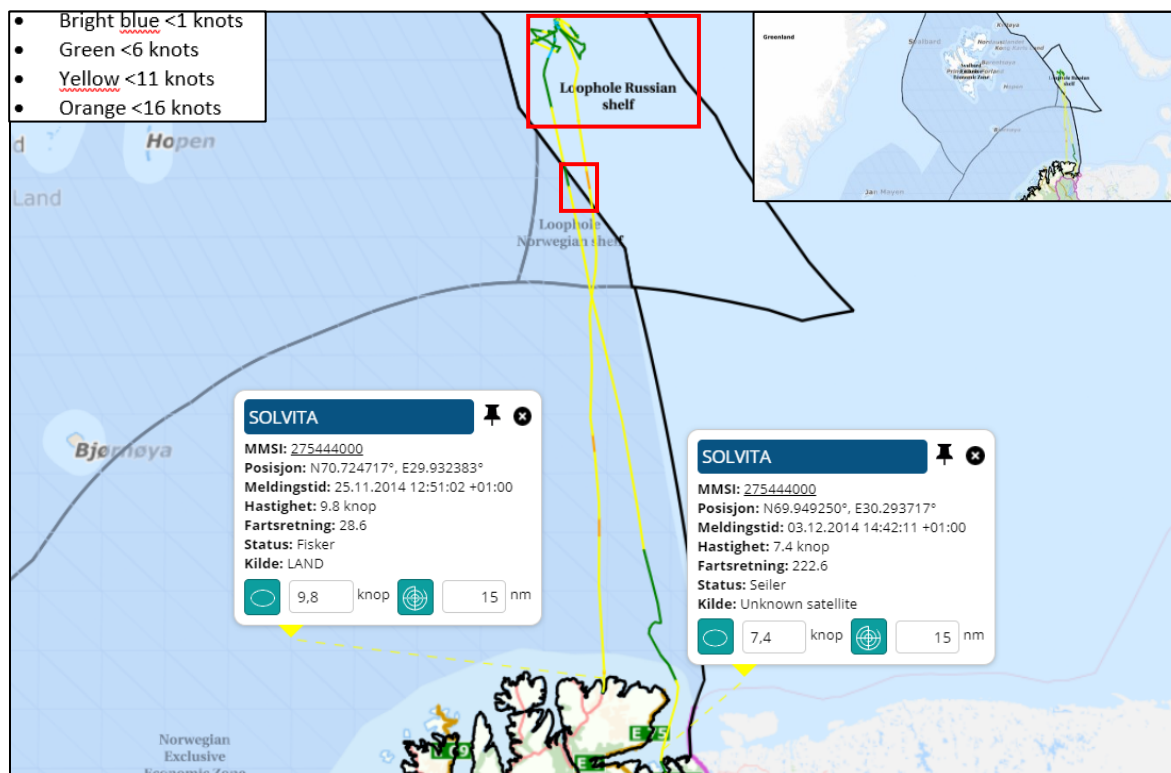
## 2.6.1 "Solvita" summary voyage 6

Figure 31 "Solvita" summary voyage 6

Voyage started from Vardoe port	Voyage ended in Vardø port	
07.11.2014	21.11.2014	
Entered Loophole Norwegian Shelf		
Left Loophole Norwegian Shelf		
Time on Norwegian Shelf (days:hours:minutes)	NO TRACKS IN ZONE	00:00:00
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	08.11.2014 12:41	
Left Loophole Russian Shelf	19.11.2014 23:50	
Time on Russian Shelf (days:hours:minutes)		11:11:08
Period with speed < 6 knots from	09.11.2014 09:38	
Period with speed < 6 knots to	19.11.2014 12:29	
Time with speed < 6.knots (days:hours:minutes)		10:02:50
Entered Loophole Norwegian Shelf	19.11.2014 23:50	
Left Loophole Norwegian Shelf	20.11.2014 05:11	
Time on Norwegian Shelf (days:hours:minutes)		00:05:20
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Norwegian Shelf	20.11.2014 07:55	
Left Loophole Norwegian Shelf	20.11.2014 14:21	
Time on Norwegian Shelf (days:hours:minutes)		00:06:25
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	242,50	
Total hours < 6 knots	242,50	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	20 757	
Factory (crab receiver)	ARCTIC CATCH AS	
Landingnote number and date	10336302	22.11.2014

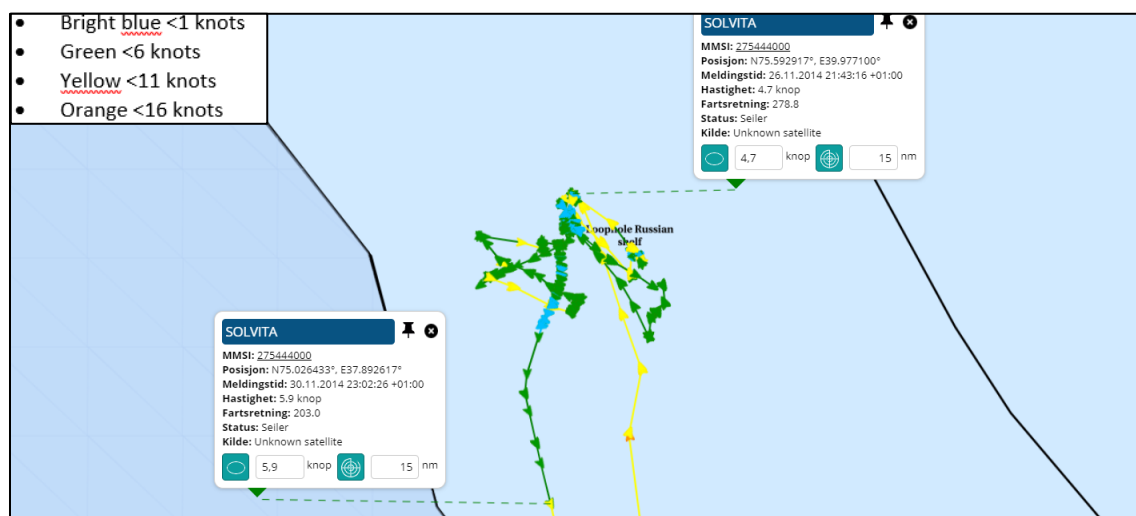
## 2.7 “Solvita” voyage 7 from November 25<sup>th</sup> to December 3<sup>rd</sup> 2014

Figure 32 “Solvita” voyage 7, overview



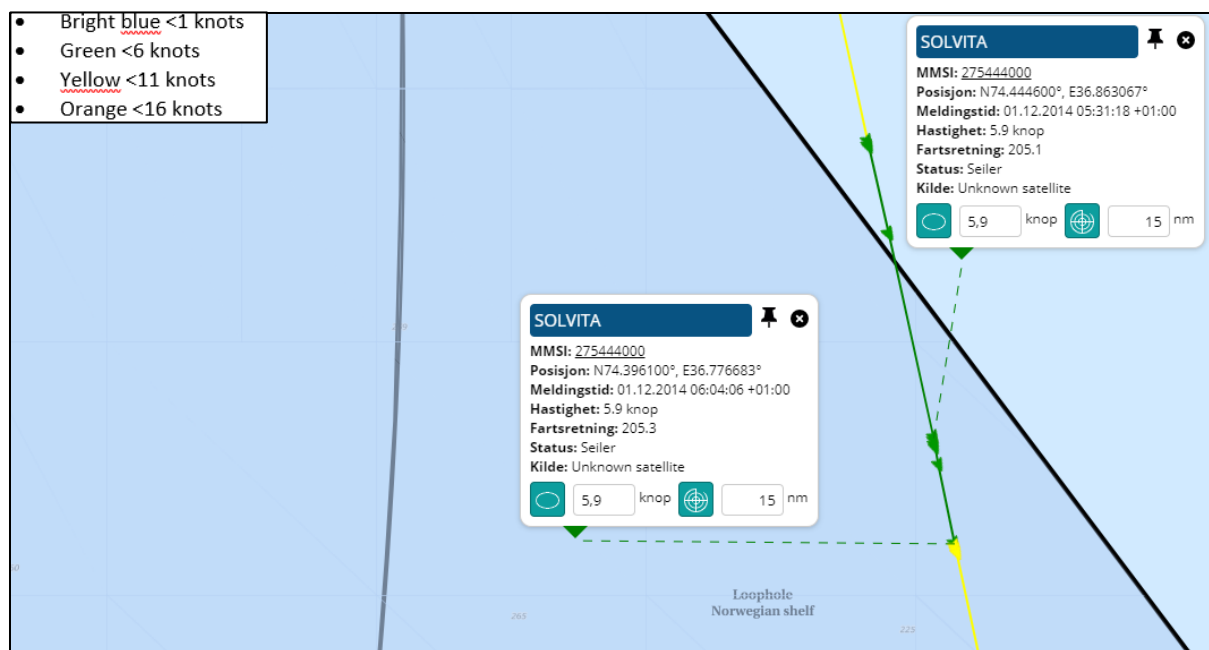
Voyage 7, overview. “Solvita” left Båtsfjord port on November 25<sup>th</sup> 2014 and arrived in Kirkenes port on December 3<sup>rd</sup> 2014. On arrival, “Solvita” landed 2 302 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound. The green color of the track indicates that “Solvita” was sailing with speed < 6 knots in given periods in the Norwegian continental shelf.

Figure 33 “Solvita” voyage 7, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from November 26<sup>th</sup> 2014 time 21:43 until November 30<sup>th</sup> 2014 time 23:02.

Figure 34 "Solvita" voyage 7, < 6 knots in the Norwegian continental shelf



Norwegian continental shelf in the Loop Hole. "Solvita" was speeding < 6 knots in the period from December 1<sup>st</sup> time 05:31 until December 1<sup>st</sup> time 06:04.

According to the distance and time in between the AIS-positions "Solvita" has unlikely been involved in any harvesting of snow crab during this period.

Figure 35 "Solvita" voyage 7, < 6 knots AIS-positions in the Norwegian continental shelf

Skip	Mmsi	IMO	Callsign	Message time	Lon	Lat	Speed	Source
SOLVITA	275444000	8721765	YL2843	01.12.2014 05:31	36,863067	74,4446	5,90	Unknown satellite
SOLVITA	275444000	8721765	YL2843	01.12.2014 06:04	36,776683	74,3961	5,90	Unknown satellite

The table above shows time, position, and speed for the AIS-positions after the reduction in speed.

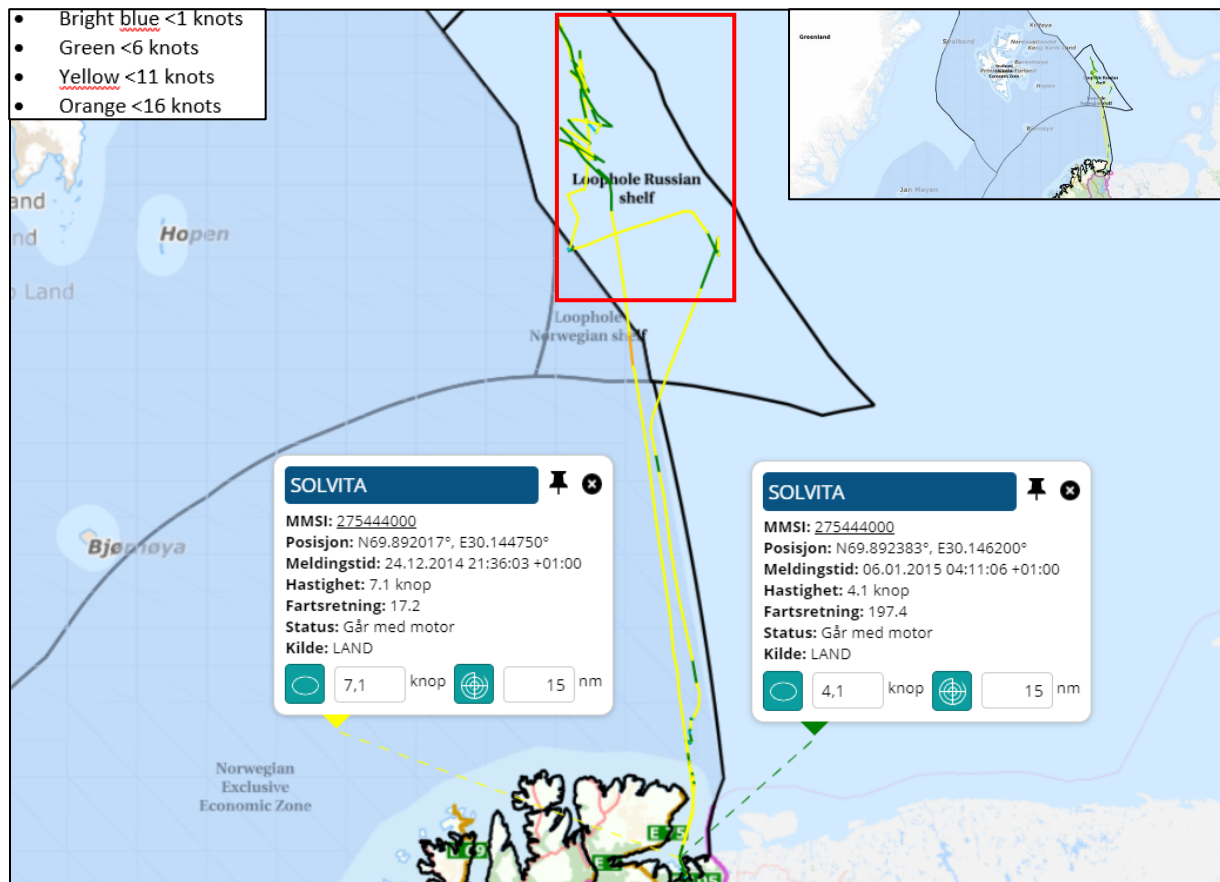
## 2.7.1 "Solvita" summary voyage 7

Figure 36 "Solvita" summary voyage 7

Voyage started from Båtsfjord port	Voyage ended in Kirkenes port	
25.11.2014	03.12.2014	
Entered Loophole Norwegian Shelf	26.11.2014 07:55	
Left Loophole Norwegian Shelf	26.11.2014 12:44	
Time on Norwegian Shelf (days:hours:minutes)		00:04:49
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	26.11.2014 12:44	
Left Loophole Russian Shelf	01.12.2014 05:31	
Time on Russian Shelf (days:hours:minutes)		04:16:46
Period with speed < 6 knots from	26.11.2014 21:43	
Period with speed < 6 knots to	30.11.2014 23:02	
Time with speed < 6 knots (days:hours:minutes)		04:01:19
Entered Loophole Norwegian Shelf	01.12.2014 05:31	
Left Loophole Norwegian Shelf	01.12.2014 13:34	
Time on Norwegian Shelf (days:hours:minutes)		00:08:02
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0,00	
Hours on Russian Shelf < 6 knots	112,46	
Total hours < 6 knots	112,46	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	2 302	
Factory (crab receiver)	Landed in Kirkenes	
Landingnote number and date	10340057	03.12.2014

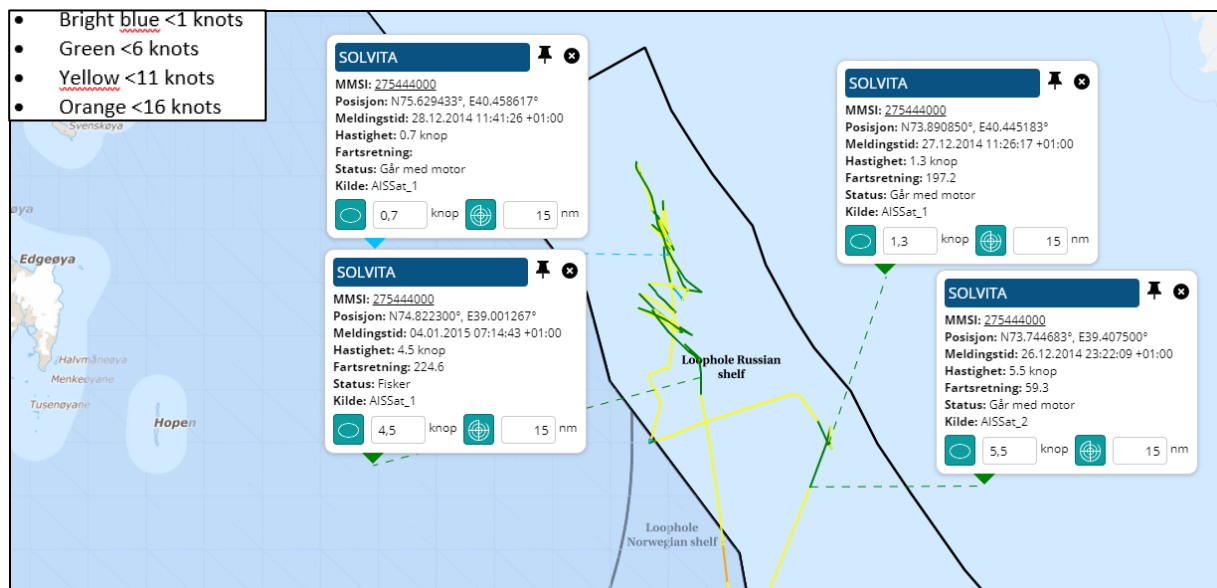
## 2.8 “Solvita” voyage 8 from December 24<sup>th</sup> 2014 to January 6<sup>st</sup> 2015

Figure 37 “Solvita” voyage 8, overview



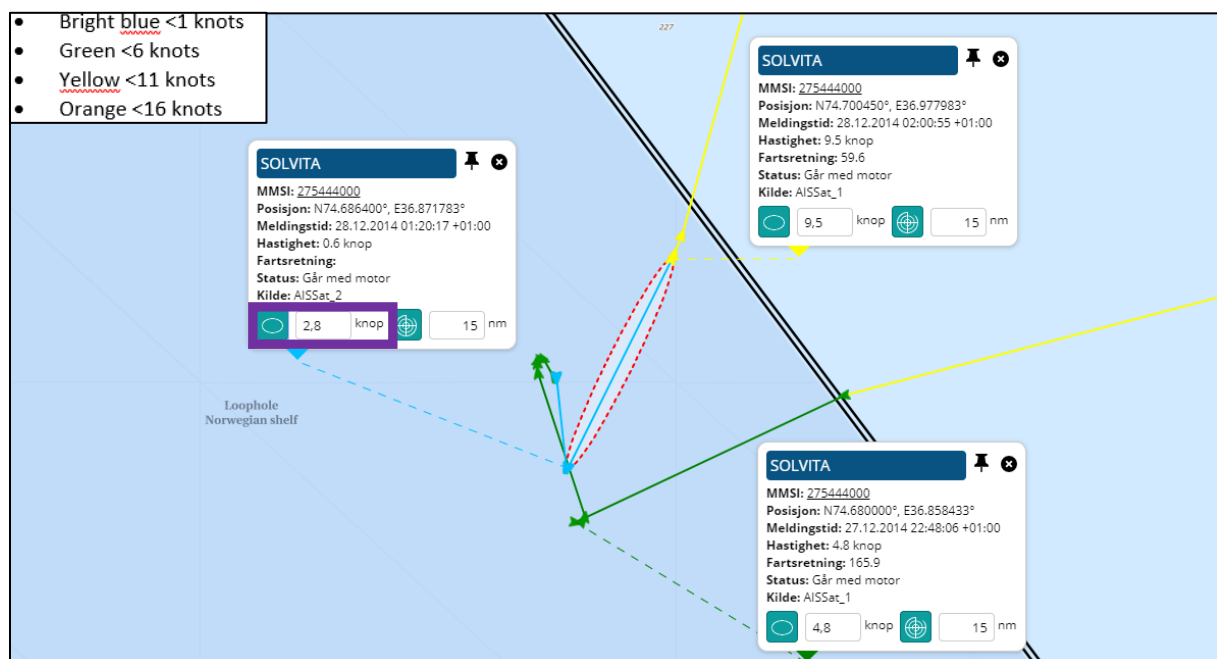
Voyage 8, overview. “Solvita” left Kirkenes port on December 24<sup>th</sup> 2014 and arrived in Kirkenes port on January 6<sup>st</sup> 2015. On arrival, “Solvita” did not land any catch of snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, southbound. The blue and green color of the track indicates that “Solvita” was sailing with speed < 6 knots in given periods in the Norwegian continental shelf.

Figure 38 "Solvita" voyage 8, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. "Solvita" was speeding < 6 knots in the periods from December 26<sup>st</sup> 2014 time 23:22 until December 27<sup>th</sup> 2014 time 11:26 and December 28<sup>th</sup> 2014 time 11:41 until January 4<sup>th</sup> 2015 time 07:14. This is 98,65 percent of the total period < 6 knots in the Loop Hole for this voyage.

Figure 39 "Solvita" voyage 8, < 6 knots in the Norwegian continental shelf



Norwegian continental shelf in the Loop Hole. "Solvita" was speeding < 6 knots in the period from December 27<sup>th</sup> time 22:48 until December 28<sup>th</sup> time 01:20. The red dotted ellipse shows the theoretical area where "Solvita" has moved in between time 01:20 and time 02:00 on December 28<sup>th</sup>. The purple rectangular box in the pop up above shows the average speed "Solvita" may have had in the dotted ellipse. "Solvita" was speeding < 6 knots in the dotted ellipse. This is 1,35 percent of the total period < 6 knots in the Loop Hole for this voyage.



## 2.8.1 "Solvita" summary voyage 8

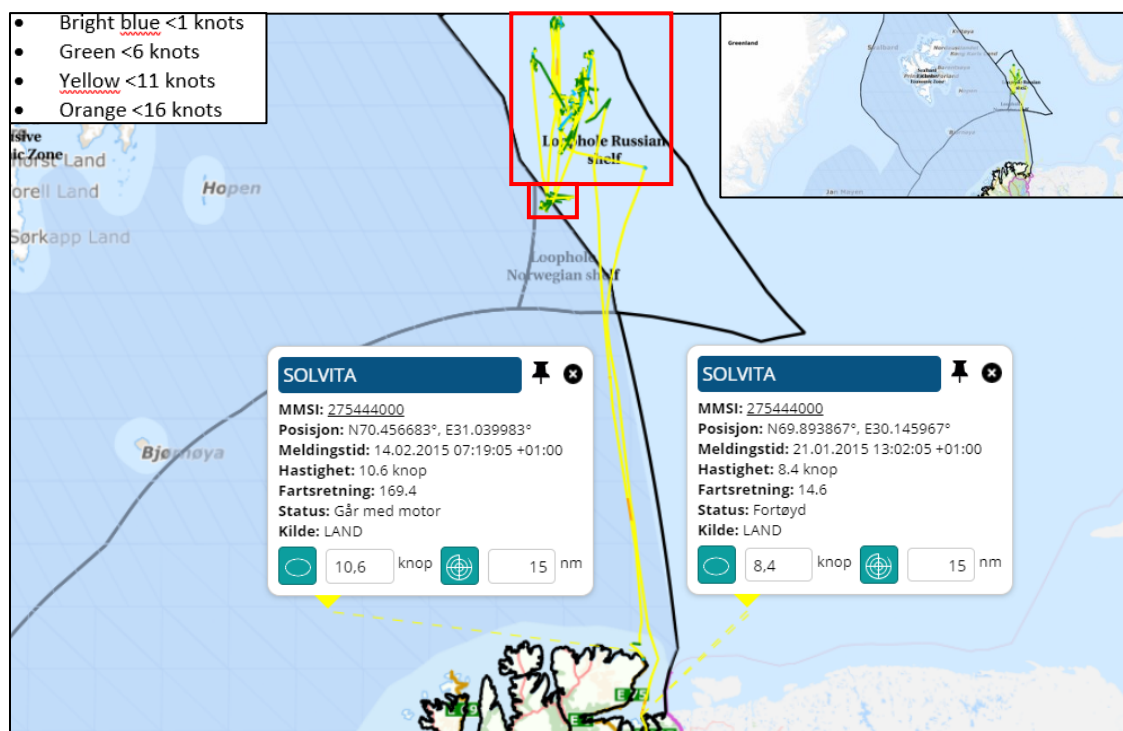
Figure 40 "Solvita" summary voyage 8

Voyage started from Kirkenes port	Voyage ended in Kirkenes port	
24.12.2014	06.01.2015	
Entered Loophole Russian Shelf	26.12.2014 16:55	
Left Loophole Russian Shelf	27.12.2014 22:48	
Time on Russian Shelf (days:hours:minutes)		01:05:52
Period with speed < 6 knots from	26.12.2014 23:22	
Period with speed < 6 knots to	27.12.2014 05:55	
Time with speed < 6.knots (days:hours:minutes)		00:06:33
Entered Loophole Norwegian Shelf	27.12.2014 22:48	
Left Loophole Norwegian Shelf	28.12.2014 02:57	
Time on Norwegian Shelf (days:hours:minutes)		00:04:09
Period with speed < 6 knots from	27.12.2014 22:48	
Period with speed < 6 knots to	28.12.2014 01:20	
Time with speed < 6 knots (days:hours:minutes)		00:02:32
Entered Loophole Russian Shelf	28.12.2014 02:57	
Left Loophole Russian Shelf	04.01.2015 15:00	
Time on Russian Shelf (days:hours:minutes)		07:12:02
Period with speed < 6 knots from	28.12.2014 11:41	
Period with speed < 6 knots to	04.01.2015 07:14	
Time with speed < 6.knots (days:hours:minutes)		06:19:33
Entered Loophole Norwegian Shelf	04.01.2015 15:00	
Left Loophole Norwegian Shelf	04.01.2015 18:10	
Time on Norwegian Shelf (days:hours:minutes)		00:03:10
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	2,32	
Hours on Russian Shelf < 6 knots	169,66	
Total hours < 6 knots	171,98	
Percent time on Russian Shelf < 6 knots	98,65 %	
Percent time on Norwegian Shelf < 6 knots	1,35 %	
Snow crab landed live in kg	0	
Factory (crab receiver)	NO CATCH	
Landingnote number and date	0	



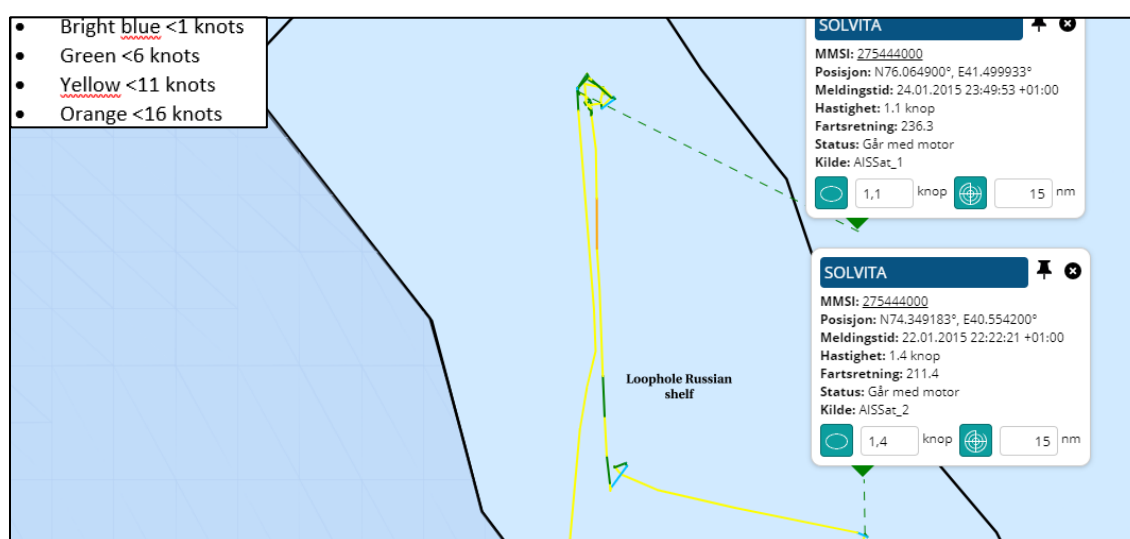
## 2.9 “Solvita” voyage 9 from January 21<sup>st</sup> to February 14<sup>th</sup> 2015

Figure 41 “Solvita” voyage 9, overview



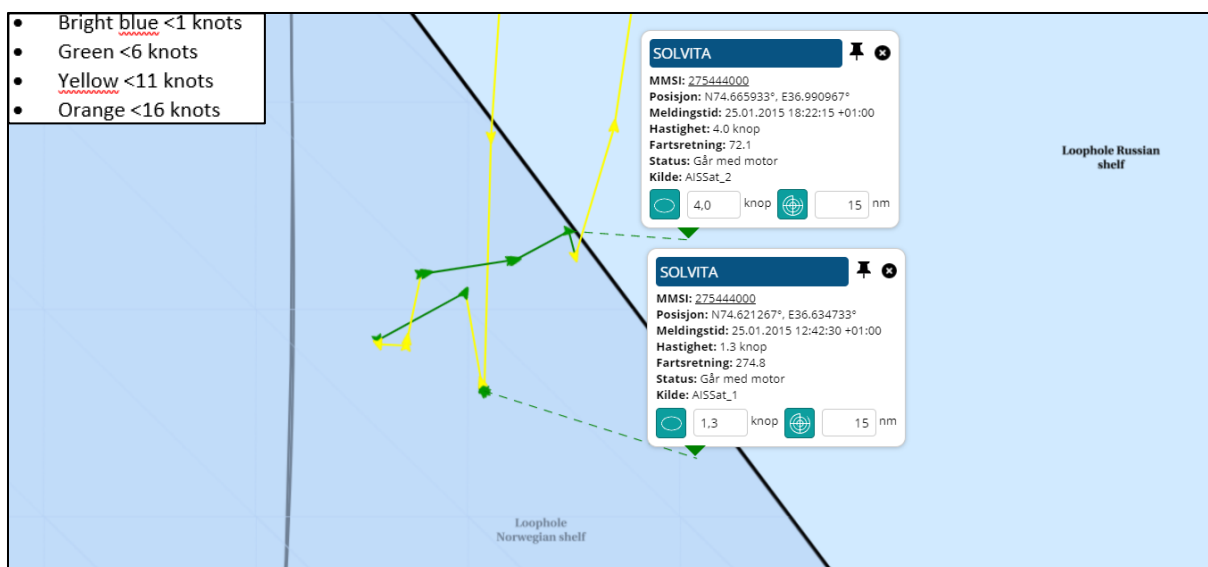
Voyage 9, overview. “Solvita” left Kirkenes port on January 21<sup>st</sup> 2015 and arrived in Vardø port on February 14<sup>th</sup> 2015. On arrival, “Solvita” landed 16 492 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound. The green color of the track indicates that “Solvita” was sailing with speed < 6 knots in given periods in the Norwegian continental shelf.

Figure 42 “Solvita” voyage 9, < 6 knots on the Russian continental shelf



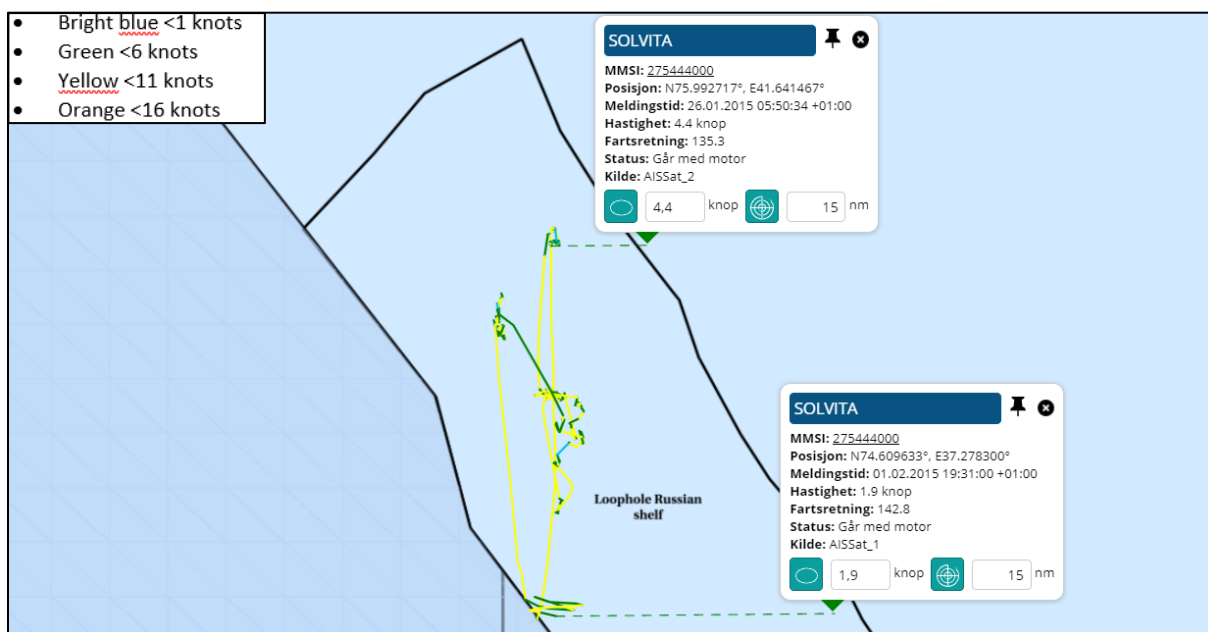
Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the periods from January 22<sup>nd</sup> 2015 time 22:22 until January 24<sup>th</sup> 2015 time 23:49. This is 10,58 percent of the total period < 6 knots in the Loop Hole for this voyage.

Figure 43 “Solvita” voyage 9, < 6 knots in the Norwegian continental shelf



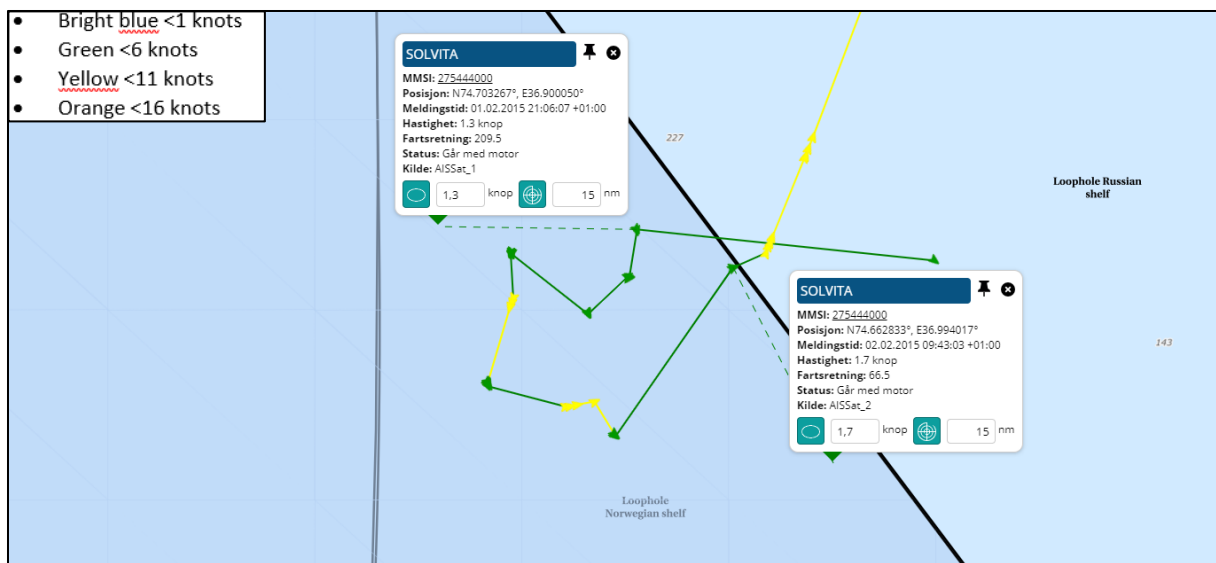
Norwegian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the periods from January 25<sup>th</sup> 2015 time 12:42 until January 25<sup>th</sup> 2015 time 18:22. This is 1,16 percent of the total period < 6 knots in the Loop Hole for this voyage.

Figure 44 “Solvita” voyage 9, < 6 knots on the Russian continental shelf



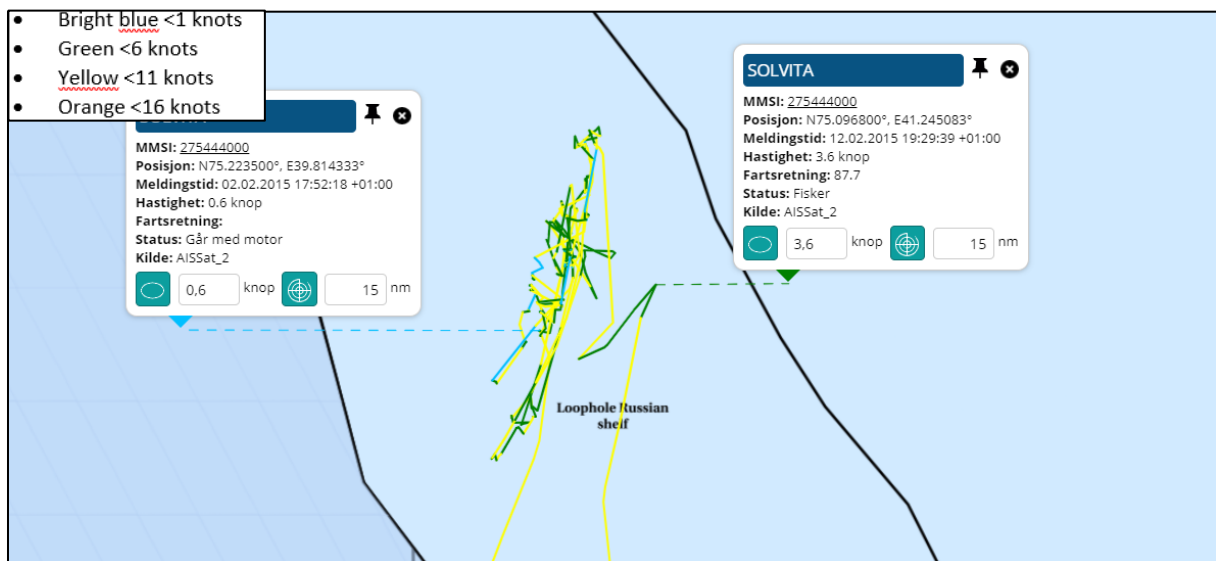
Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from January 26<sup>th</sup> 2015 time 05:50 until February 1<sup>st</sup> 2015 time 19:31. This is 33,79 percent of the total period < 6 knots in the Loop Hole for this voyage.

Figure 45 "Solvita" voyage 9, < 6 knots in the Norwegian continental shelf



Norwegian continental shelf in the Loop Hole. "Solvita" was speeding < 6 knots in the periods from February 1<sup>st</sup> 2015 time 21:06 until February 2<sup>nd</sup> 2015 time 09:43. This is 2,65 percent of the total period < 6 knots in the Loop Hole for this voyage.

Figure 46 "Solvita" voyage 9, < 6 knots on Russian continental shelf



Russian continental shelf of the Loop Hole. "Solvita" was speeding < 6 knots in the period from February 2<sup>nd</sup> 2015 time 17:52 until February 12<sup>th</sup> 2015 time 19:29. This is 51,82 percent of the total period < 6 knots in the Loop Hole for this voyage.

## 2.9.1 "Solvita" summary voyage 9

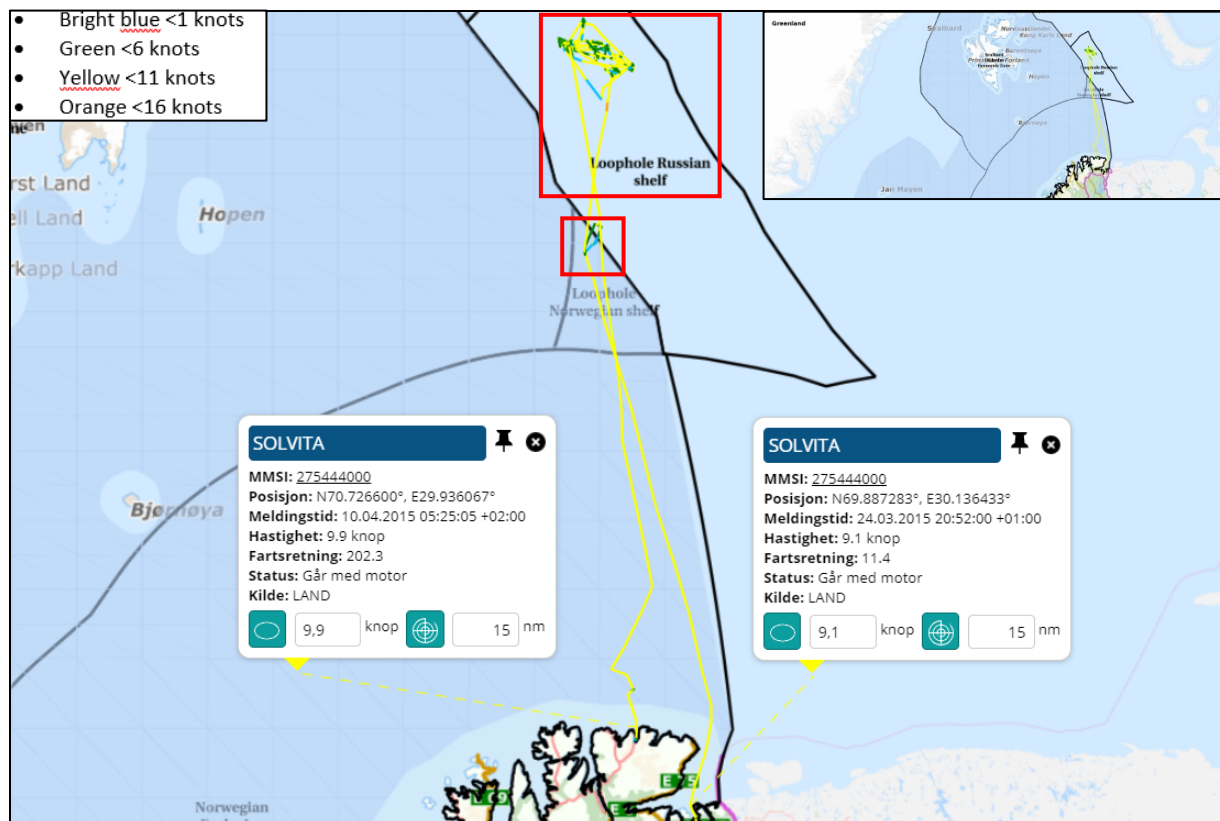
Figure 47 "Solvita summary voyage 9

Voyage started from Kirkenes port	Voyage ended in Vardø port	
21.01.2015	14.02.2015	
Entered Loophole Norwegian Shelf	22.01.2015 13:31	
Left Loophole Norwegian Shelf	22.01.2015 15:07	
Time on Norwegian Shelf (days:hours:minutes)		00:01:35
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	22.01.2015 15:08	
Left Loophole Russian Shelf	25.01.2015 11:06	
Time on Russian Shelf (days:hours:minutes)		02:19:57
Period with speed < 6 knots from	22.01.2015 22:22	
Period with speed < 6 knots to	24.01.2015 23:49	
Time with speed < 6.knots (days:hours:minutes)		02:01:27
Entered Loophole Norwegian Shelf	25.01.2015 11:06	
Left Loophole Norwegian Shelf	25.01.2015 19:14	
Time on Norwegian Shelf (days:hours:minutes)		00:08:08
Period with speed < 6 knots from	25.01.2015 12:42	
Period with speed < 6 knots to	25.01.2015 18:22	
Time with speed < 6 knots (days:hours:minutes)		00:05:39
Entered Loophole Russian Shelf	25.01.2015 19:14	
Left Loophole Russian Shelf	01.02.2015 16:09	
Time on Russian Shelf (days:hours:minutes)		06:20:54
Period with speed < 6 knots from	26.01.2015 05:50	
Period with speed < 6 knots to	01.02.2015 19:31	
Time with speed < 6.knots (days:hours:minutes)		06:13:40
Entered Loophole Norwegian Shelf	01.02.2015 21:06	
Left Loophole Norwegian Shelf	02.02.2015 11:19	
Time on Norwegian Shelf (days:hours:minutes)		00:14:13
Period with speed < 6 knots from	01.02.2015 21:06	
Period with speed < 6 knots to	02.02.2015 09:43	
Time with speed < 6 knots (days:hours:minutes)		00:12:36
Entered Loophole Russian Shelf	02.02.2015 11:19	
Left Loophole Russian Shelf	13.02.2015 06:28	
Time on Russian Shelf (days:hours:minutes)		10:19:09
Period with speed < 6 knots from	02.02.2015 17:52	
Period with speed < 6 knots to	12.02.2015 19:29	
Time with speed < 6.knots (days:hours:minutes)		10:01:37
Entered Loophole Norwegian Shelf	13.02.2015 06:28	
Left Loophole Norwegian Shelf	13.02.2015 09:46	
Time on Norwegian Shelf (days:hours:minutes)		00:03:17
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	17,75	
Hours on Russian Shelf < 6 knots	448,04	
Total hours < 6 knots	465,79	
Percent time on Russian Shelf < 6 knots	96,19 %	
Percent time on Norwegian Shelf < 6 knots	3,81 %	
Snow crab landed live in kg	18 368	
Factory (crab receiver)	ARCTIC CATCH AS	
Landingnote number and date	10357896	14.02.2015

The estimated catch of snow crab in the Norwegian continental shelf for this voyage is estimated to have been 3,81 percent of 18 360 kilos. In this case estimated to be 700 kilos harvested on the Norwegian Shelf in the Loop Hole.

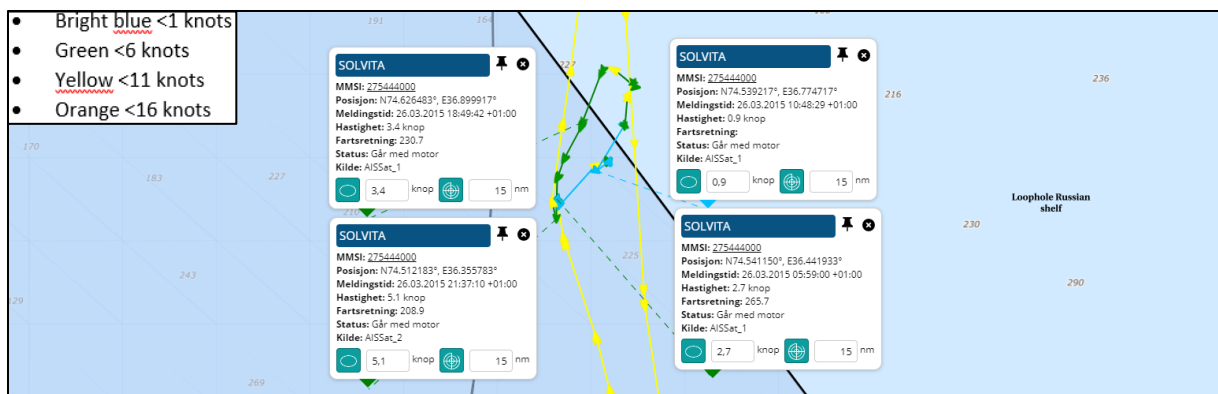
## 2.10 “Solvita” voyage 10 from March 24<sup>th</sup> to April 10<sup>th</sup> 2015

Figure 48 “Solvita” voyage 10, overview



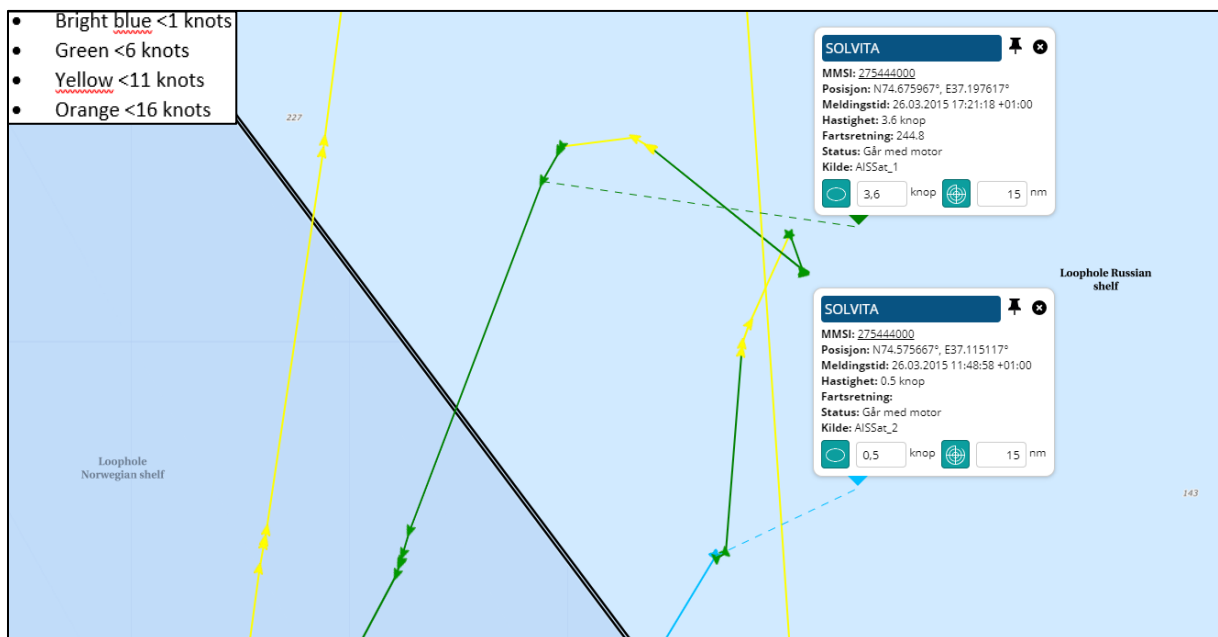
Voyage 10 2015, overview. “Solvita” left Kirkenes port on March 24<sup>th</sup> 2015 and returned to Båtsfjord port on April 10<sup>th</sup> 2015. The track shows that “Solvita” was transiting through the Norwegian continental shelf of the Loophole southbound and northbound on this voyage. The bright blue color and green color of the track indicates that “Solvita” was sailing with speed < 6 knots in given periods in the Norwegian continental shelf.

Figure 49 "Solvita" voyage 10, < 6 knots in the Norwegian continental shelf



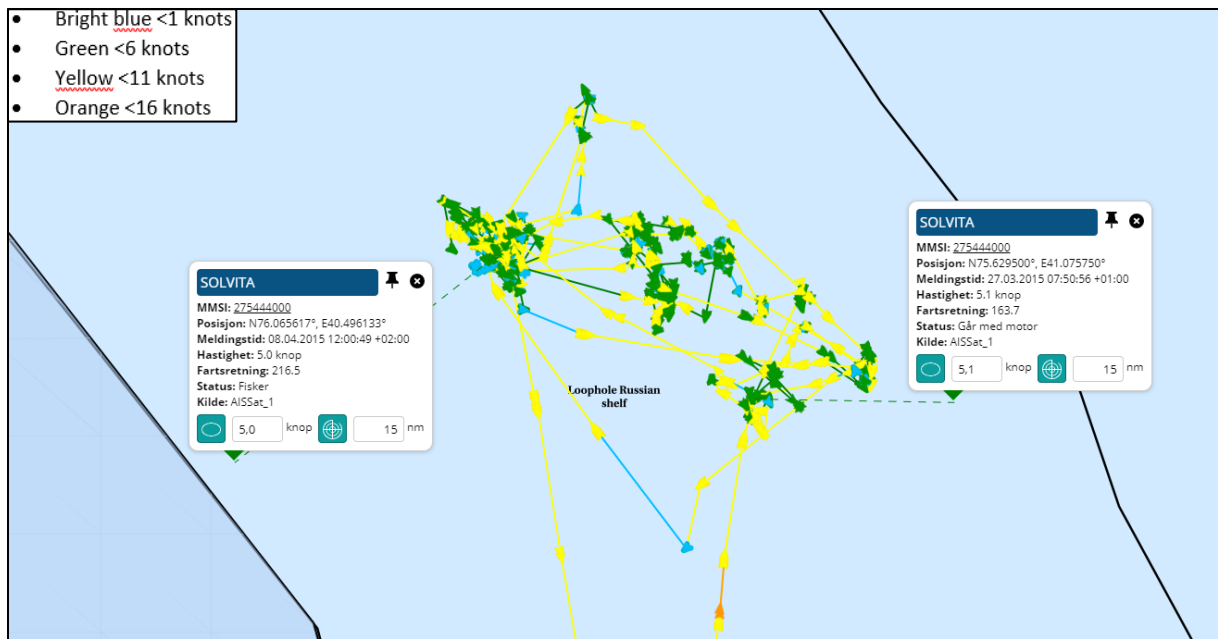
Norwegian continental shelf in the Loop Hole. "Solvita" was speeding < 6 knots in the period from March 26<sup>th</sup> 2015 time 05:59 until March 26<sup>th</sup> 2015 time 10:48 and in the period from March 26<sup>th</sup> 2015 time 18:49 until March 26<sup>th</sup> 2015 time 21:37. This is 2,29 percent of the total period < 6 knots in the Loop Hole. for this voyage.

Figure 50 "Solvita" voyage 10, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. "Solvita" was speeding < 6 knots in the period from March 26<sup>th</sup> 2015 time 11:48 until March 26<sup>th</sup> 2015 time 17:21. This is 1,75 percent of the total period < 6 knots in the Loop Hole for this voyage.

Figure 51 "Solvita" voyage 10, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. "Solvita" was speeding < 6 knots in the period from March 27<sup>th</sup> 2015 time 07:50 until April 8<sup>th</sup> 2015 time 12:00. This is 95,97 percent of the total period < 6 knots in the Loop Hole for this voyage.



## 2.10.1 "Solvita" summary voyage 10

Figure 52 "Solvita summary voyage 10

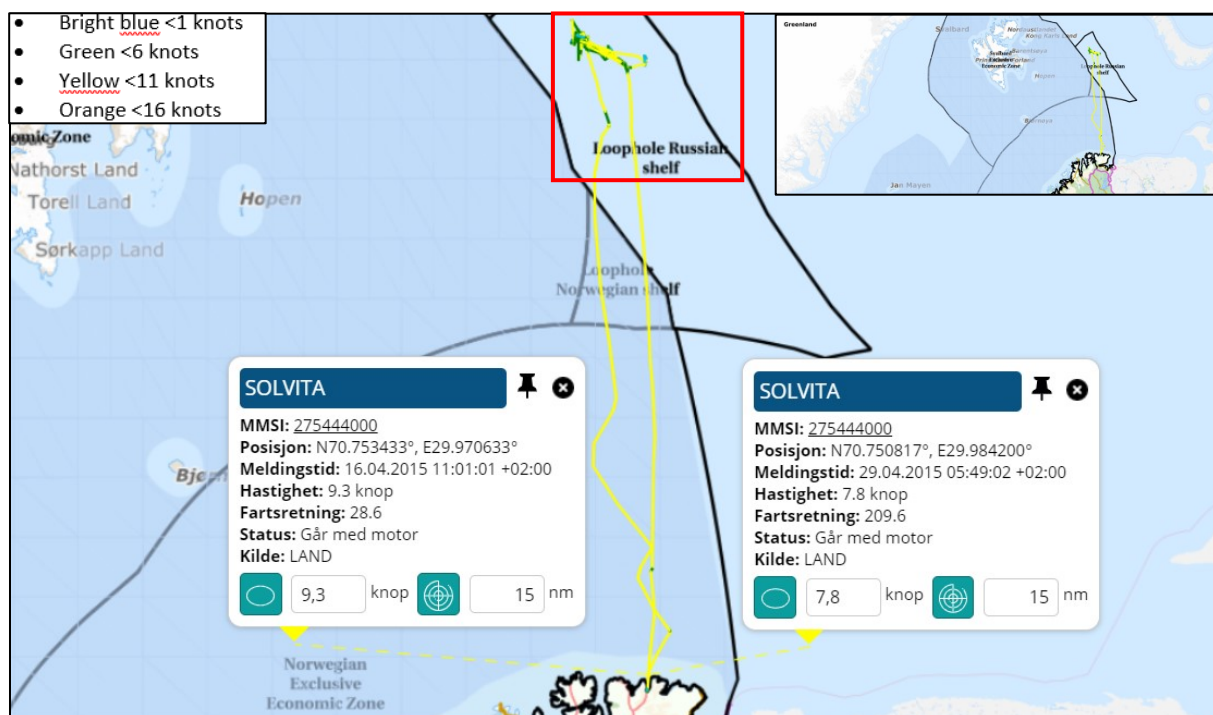
Voyage started from Kirkenes port	Voyage ended in Båtsfjord port	
24.03.2015	10.04.2015	
Entered Loophole Norwegian Shelf	26.03.2015 00:28	
Left Loophole Norwegian Shelf	26.03.2015 11:48	
Time on Norwegian Shelf (days:hours:minutes)		00:11:20
Period with speed < 6 knots from	26.03.2015 05:59	
Period with speed < 6 knots to	26.03.2015 10:48	
Period with speed < 6 knots from	26.03.2015 18:49	
Period with speed < 6 knots to	26.03.2015 21:37	
Time with speed < 6 knots (days:hours:minutes)		00:07:37
Entered Loophole Russian Shelf	26.03.2015 11:48	
Left Loophole Russian Shelf	09.04.2015 00:57	
Time on Russian Shelf (days:hours:minutes)		13:13:08
Period with speed < 6 knots from	26.03.2015 11:48	
Period with speed < 6 knots to	26.03.2015 17:21	
Period with speed < 6 knots from	27.03.2015 07:50	
Period with speed < 6 knots to	08.04.2015 12:00	
Time with speed < 6 knots (days:hours:minutes)		12:09:42
Entered Loophole Norwegian Shelf	09.04.2015 00:57	
Left Loophole Norwegian Shelf	09.04.2015 06:00	
Time on Norwegian Shelf (days:hours:minutes)		00:05:03
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	6,96	
Hours on Russian Shelf < 6 knots	297,41	
Total hours < 6 knots	304,37	
Percent time on Russian Shelf < 6 knots	97,71 %	
Percent time on Norwegian Shelf < 6 knots	2,29 %	
Snow crab landed live in kg	16 492	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10403916	10.04.2015
Snow crab landed live in kg	23 058	
Factory (crab receiver)	ARCTIC CATCH AS	
Landingnote number and date	10406351	14.04.2015

The estimated catch of snow crab in the Norwegian continental shelf are totally set to 6,96 percent of 39 550 kilos. In this case estimated to be 2753 kilos in the Norwegian Shelf in the Loop Hole.



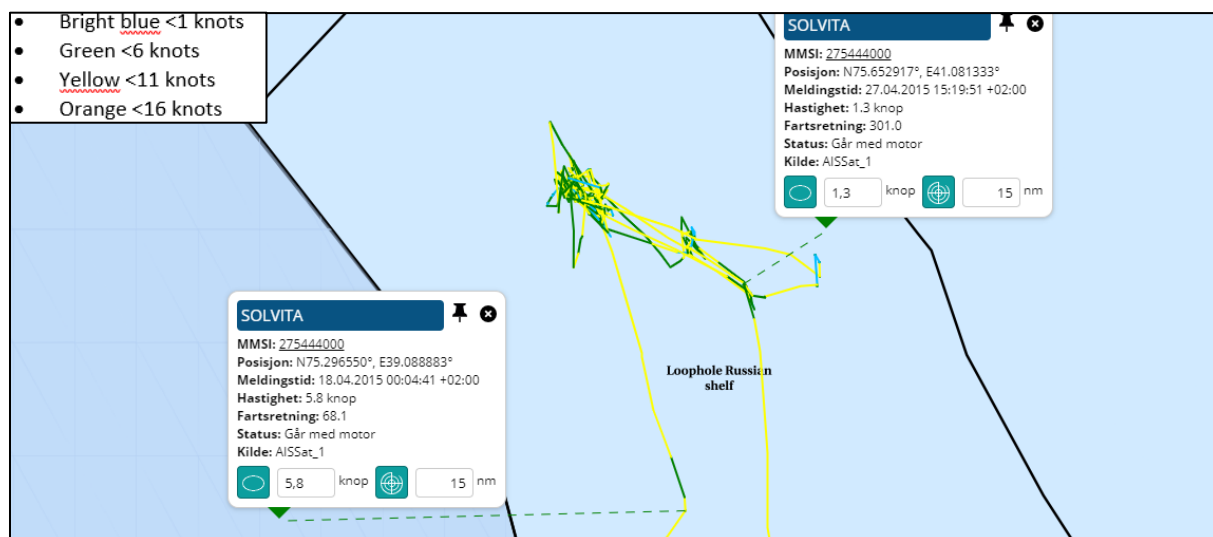
## 2.11 “Solvita” voyage 11 from April 16<sup>th</sup> to April 29<sup>th</sup> 2015

Figure 53 “Solvita” voyage 11, overview



Voyage 11, overview. “Solvita” left Båtsfjord port on April 16<sup>th</sup> 2015 and arrived in Båtsfjord port on April 29<sup>th</sup> 2015. On arrival, “Solvita” landed 44 199 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 54 “Solvita” voyage 11, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from April 18<sup>th</sup> 2015 time 00:04 until April 27<sup>th</sup> 2015 time 15:19.

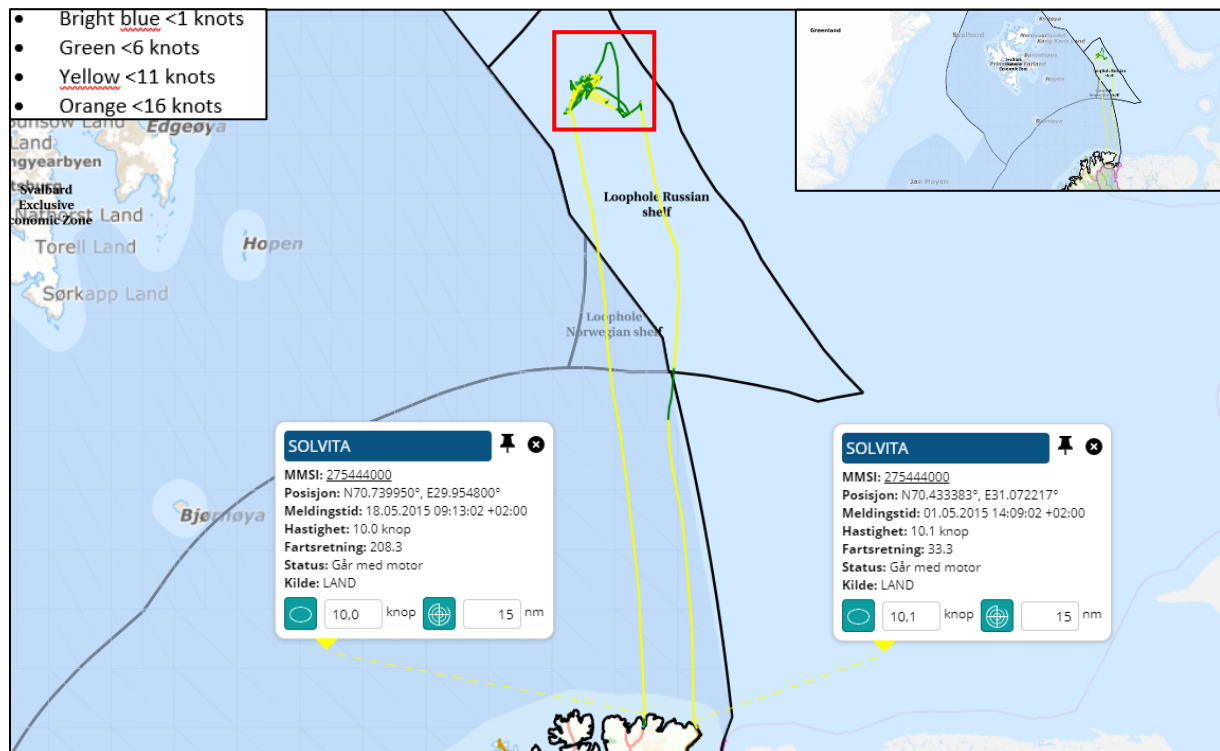
## 2.11.1 "Solvita" summary voyage 11

Figure 55 "Solvita" summary voyage 11

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
16.04.2020	29.04.2020	
Entered Loophole Norwegian Shelf	17.04.2015 12:43	
Left Loophole Norwegian Shelf	17.04.2015 19:53	
Time on Norwegian Shelf (days:hours:minutes)		00:07:10
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	17.04.2015 19:55	
Left Loophole Russian Shelf	28.04.2015 03:56	
Time on Russian Shelf (days:hours:minutes)		10:08:00
Period with speed < 6 knots from	18.04.2015 00:04	
Period with speed < 6 knots to	27.04.2015 15:19	
Time with speed < 6 knots (days:hours:minutes)		09:15:15
Entered Loophole Norwegian Shelf	28.04.2015 03:56	
Left Loophole Norwegian Shelf	28.04.2015 07:11	
Time on Norwegian Shelf (days:hours:minutes)		00:03:14
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	231,15	
Total hours < 6 knots	231,15	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	17 512	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10416400	29.04.2015
Snow crab landed live in kg	26 687	
Factory (crab receiver)	ARCTIC CATCH AS	
Landingnote number and date	10417200	01.05.2015

## 2.12 “Solvita” voyage 12 from May 1<sup>st</sup> to May 18<sup>th</sup> 2015

Figure 56 “Solvita” voyage 12, overview



Voyage 12, overview. “Solvita” left Vardø port on May 1<sup>st</sup> 2015 and arrived in Båtsfjord port on May 18<sup>th</sup> 2015. On arrival, “Solvita” landed 46 041 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, southbound and did not engage in any snow crab harvesting there.

Figure 57 “Solvita” voyage 12, < 6 knots on the Russian continental shelf



Russian continental shelf of the Lofoten. “Solvita” was speeding less than 6 knots in the period from May 3<sup>rd</sup> 2015 time 08:45 until May 16<sup>th</sup> 2015 time 19:26.

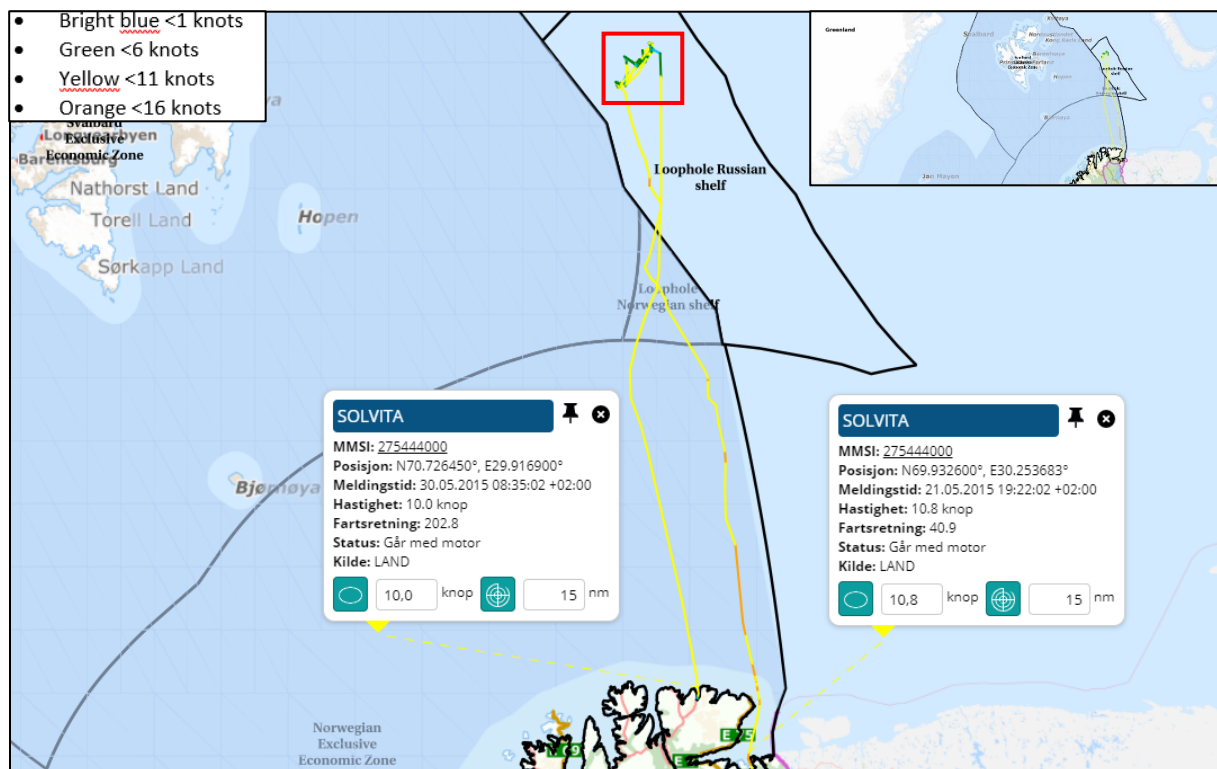
## 2.12.1 "Solvita" summary voyage 12

Figure 58 "Solvita" summary voyage 12

Voyage started from Vardø port	Voyage ended in Båtsfjord port	
01.05.2015	18.05.2015	
Entered Loophole Norwegian Shelf		
Left Loophole Norwegian Shelf		
Time on Norwegian Shelf (days:hours:minutes)	NO TRACKS IN ZONE	00:00:00
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	02.05.2015 14:53	
Left Loophole Russian Shelf	17.05.2015 06:46	
Time on Russian Shelf (days:hours:minutes)		14:15:52
Period with speed < 6 knots from	03.05.2015 08:45	
Period with speed < 6 knots to	16.05.2015 19:26	
Time with speed < 6 knots (days:hours:minutes)		13:10:40
Entered Loophole Norwegian Shelf	17.05.2015 06:46	
Left Loophole Norwegian Shelf	17.05.2015 14:02	
Time on Norwegian Shelf (days:hours:minutes)		00:07:16
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	322,40	
Total hours < 6 knots	322,4	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	46 041	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10423287	20.05.2015

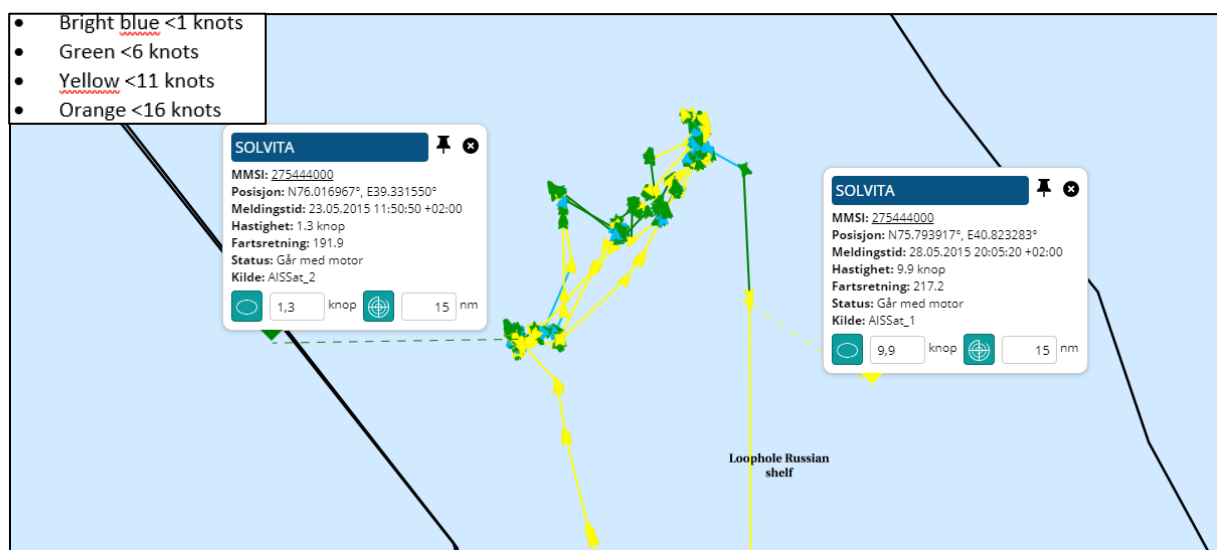
## 2.13 “Solvita” voyage 13 from May 21<sup>st</sup> to May 30<sup>th</sup> 2015

Figure 59 “Solvita” voyage 13, overview



Voyage 13, overview. “Solvita” left Kirkenes port on May 21<sup>st</sup> 2015 and arrived in Båtsfjord port on May 30<sup>th</sup> 2015. On arrival, “Solvita” landed 40 969 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 60 “Solvita” voyage 13, < 6 knots on the Russian continental shelf



Russian continental shelf of the Loop Hole. “Solvita” was speeding less than 6 knots in the period from May 23<sup>rd</sup> 2015 time 11:50 until May 28<sup>th</sup> 2015 time 12:46.

## 2.13.1 "Solvita" summary voyage 13

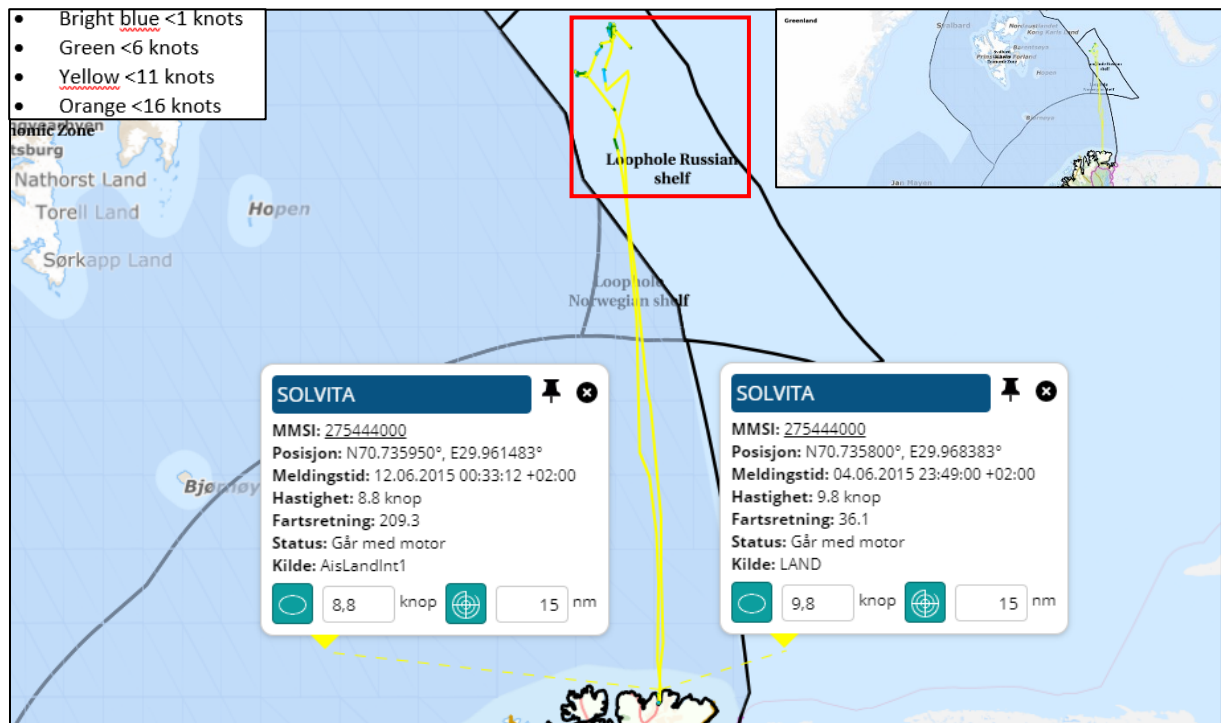
Figure 61 "Solvita" summary voyage 13

Voyage started from Kirkenes port	Voyage ended in Båtsfjord port	
21.05.2015	30.05.2015	
Entered Loophole Norwegian Shelf	22.05.2015 21:18	
Left Loophole Norwegian Shelf	23.05.2015 02:42	
Time on Norwegian Shelf (days:hours:minutes)		00:05:24
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	23.05.2015 02:42	
Left Loophole Russian Shelf	29.05.2015 05:41	
Time on Russian Shelf (days:hours:minutes)		06:02:58
Period with speed < 6 knots from	23.05.2015 11:50	
Period with speed < 6 knots to	28.05.2015 18:36	
Time with speed < 6 knots (days:hours:minutes)		05:06:45
Entered Loophole Norwegian Shelf	29.05.2015 05:41	
Left Loophole Norwegian Shelf	29.05.2015 12:08	
Time on Norwegian Shelf (days:hours:minutes)		00:06:26
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	126,45	
Total hours < 6 knots	126,45	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	40 969	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10427373	04.06.2015



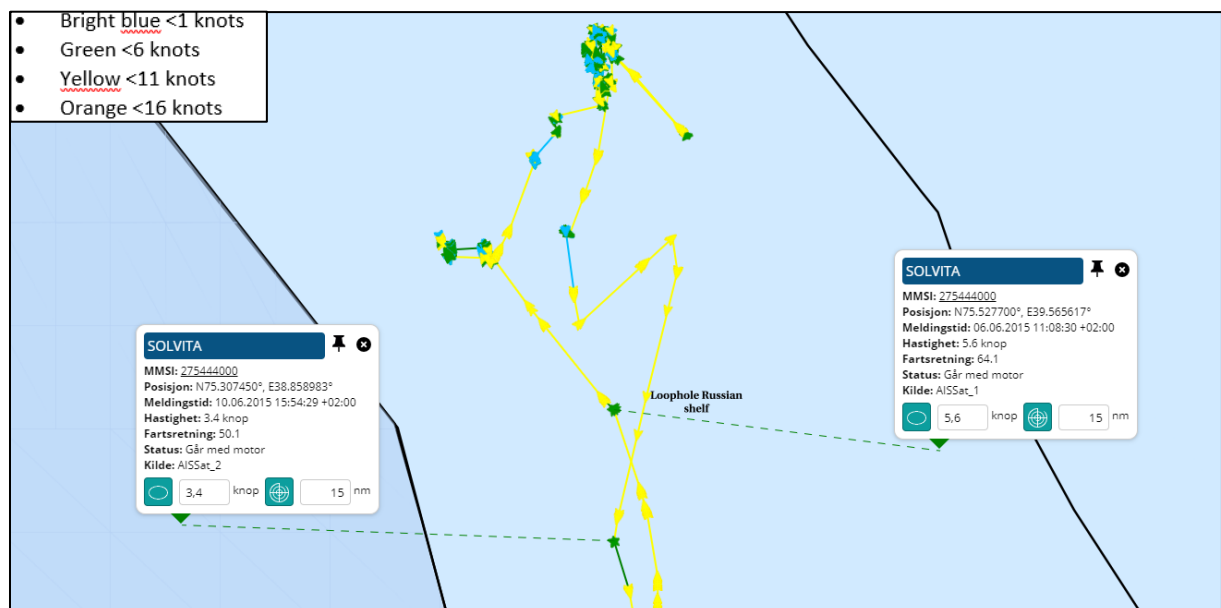
## 2.14 “Solvita” voyage 14 from June 4<sup>th</sup> to June 12<sup>th</sup> 2015

Figure 62 “Solvita” voyage 14, overview



Voyage 14, overview. “Solvita” left Båtsfjord port on June 4<sup>th</sup> 2015 and arrived in Båtsfjord port on June 12<sup>th</sup> 2015. On arrival, “Solvita” landed 42 302 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 63 “Solvita” voyage 14, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from June 6<sup>th</sup> 2015 time 11:08 until June 10<sup>th</sup> 2015 time 15:54.

## 2.14.1 "Solvita" summary voyage 14

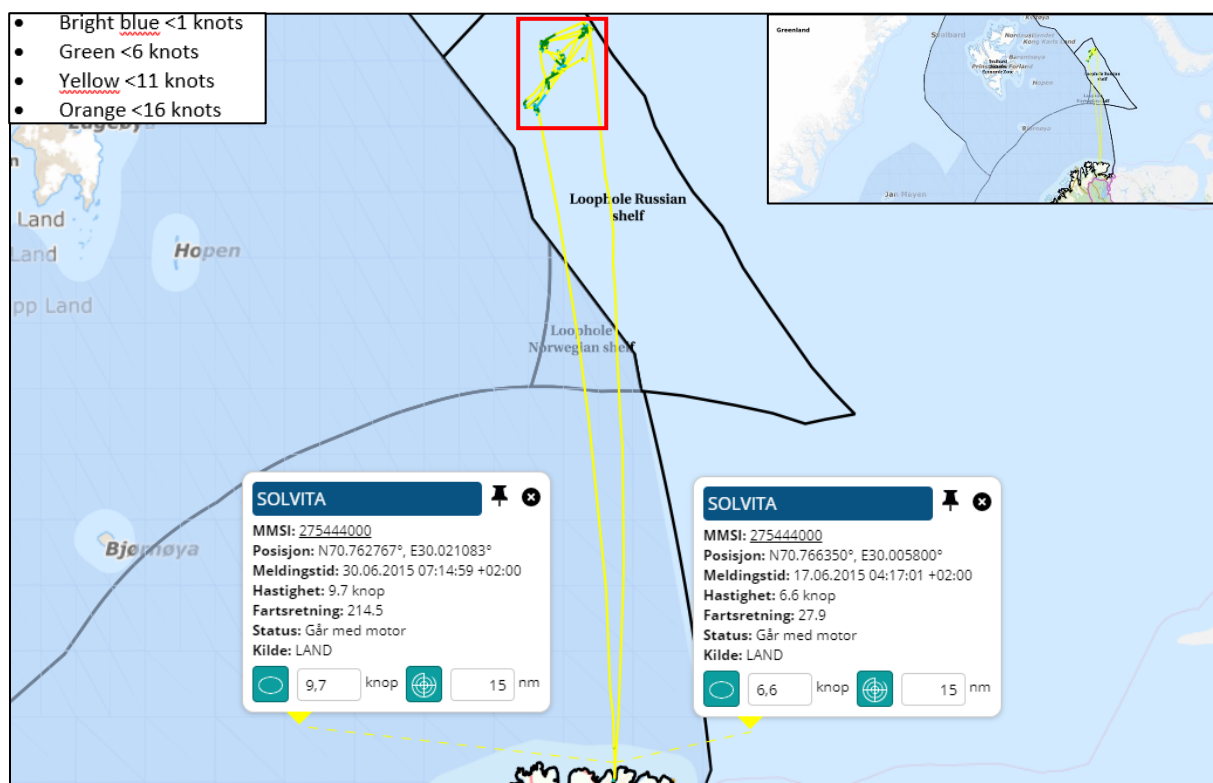
Figure 64 "Solvita" summary voyage 14

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
04.06.2015	12.06.2015	
Entered Loophole Norwegian Shelf	05.06.2015 22:15	
Left Loophole Norwegian Shelf	06.06.2015 03:03	
Time on Norwegian Shelf (days:hours:minutes)		00:04:47
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	06.06.2015 03:03	
Left Loophole Russian Shelf	10.06.2015 22:28	
Time on Russian Shelf (days:hours:minutes)		04:19:25
Period with speed < 6 knots from	06.06.2015 11:08	
Period with speed < 6 knots to	10.06.2015 15:54	
Time with speed < 6 knots (days:hours:minutes)		04:04:45
Entered Loophole Norwegian Shelf	10.06.2015 22:28	
Left Loophole Norwegian Shelf	11.06.2015 06:34	
Time on Norwegian Shelf (days:hours:minutes)		00:08:05
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	100,45	
Total hours < 6 knots	100,45	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	42 302	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10429450	15.06.2015



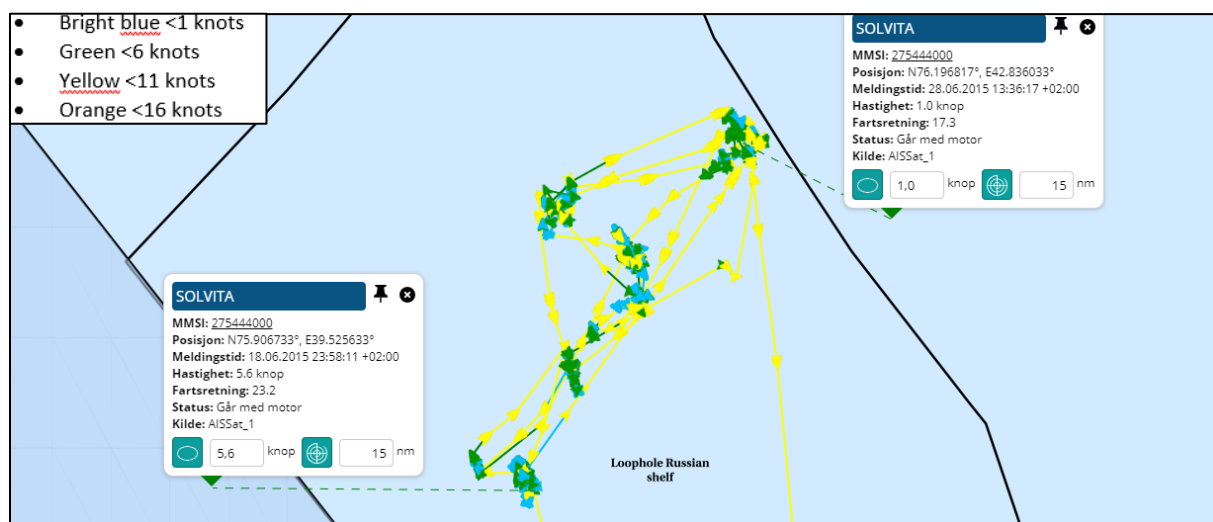
## 2.15 “Solvita” voyage 15 from June 17<sup>th</sup> to June 30<sup>th</sup> 2015

Figure 65 “Solvita” voyage 15, overview



Voyage 15, overview. “Solvita” left Båtsfjord port on June 17<sup>th</sup> 2015 and arrived in Båtsfjord port on June 30<sup>th</sup> 2015. On arrival, “Solvita” landed 37 561 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 66 “Solvita” voyage 15, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from June 18<sup>th</sup> 2015 time 23:58 until June 28<sup>th</sup> 2015 time 13:36.

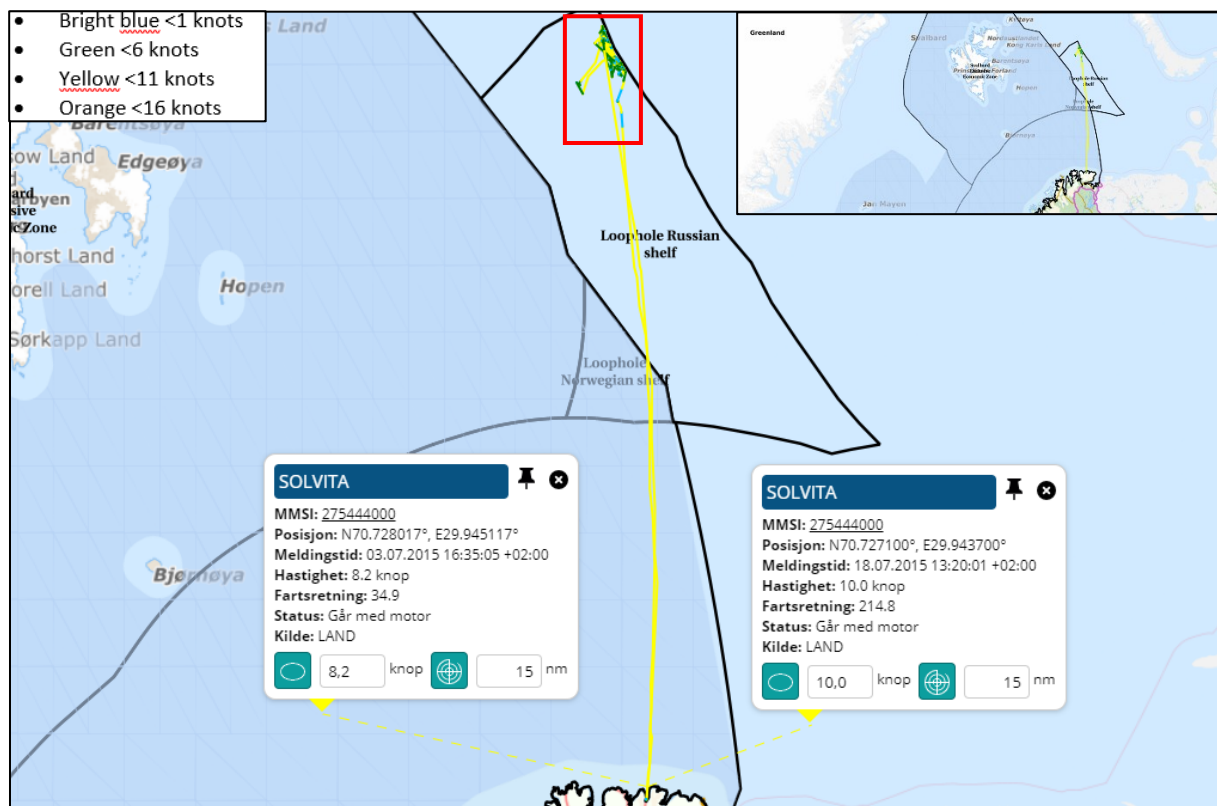
## 2.15.1 "Solvita" summary voyage 15

Figure 67 "Solvita" summary voyage 15

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
17.06.2015	30.06.2015	
Entered Loophole Norwegian Shelf	18.06.2015 07:08	
Left Loophole Norwegian Shelf	18.06.2015 15:12	
Time on Norwegian Shelf (days:hours:minutes)		00:08:03
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	18.06.2015 15:12	
Left Loophole Russian Shelf	29.06.2015 09:00	
Time on Russian Shelf (days:hours:minutes)		10:17:47
Period with speed < 6 knots from	18.06.2015 23:58	
Period with speed < 6 knots to	28.06.2015 13:36	
Time with speed < 6 knots (days:hours:minutes)		09:13:38
Entered Loophole Norwegian Shelf	29.06.2015 09:00	
Left Loophole Norwegian Shelf	29.06.2015 12:13	
Time on Norwegian Shelf (days:hours:minutes)		00:03:13
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	229,38	
Total hours < 6 knots	229,38	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	37 561	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10433851	03.07.2015

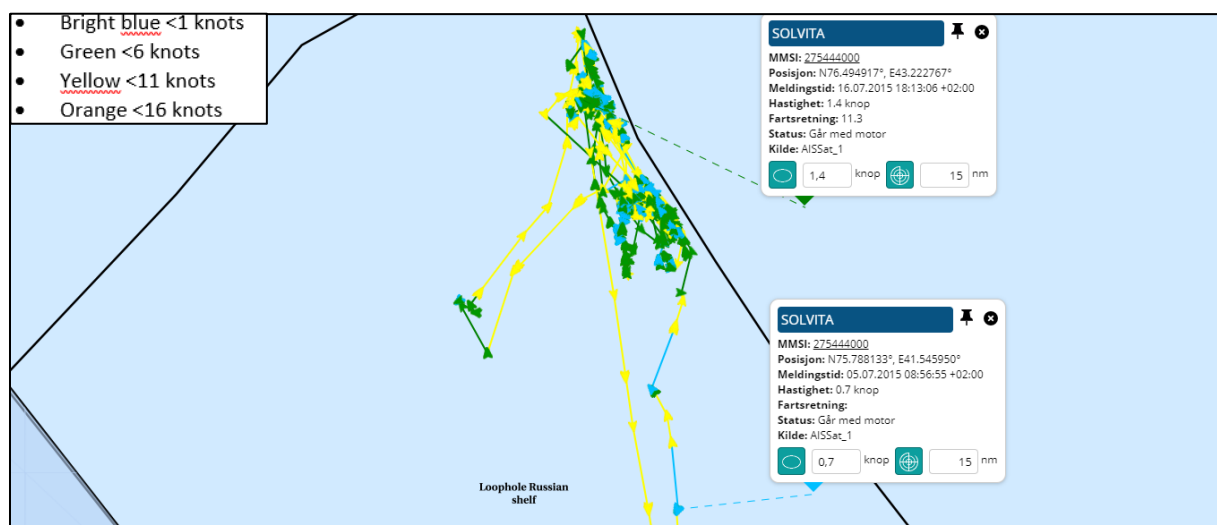
## 2.16 “Solvita” voyage 16 from July 3<sup>th</sup> to July 18<sup>th</sup> 2015

Figure 68 “Solvita” voyage 16, overview



Voyage 16, overview. “Solvita” left Båtsfjord port on July 3<sup>th</sup> 2015 and returned to Båtsfjord port on July 18<sup>th</sup> 2015. On arrival, “Solvita” landed 43 362 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 69 “Solvita” voyage 16, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from July 5<sup>th</sup> 2015 time 08:56 until July 16<sup>st</sup> 2015 time 18:13.

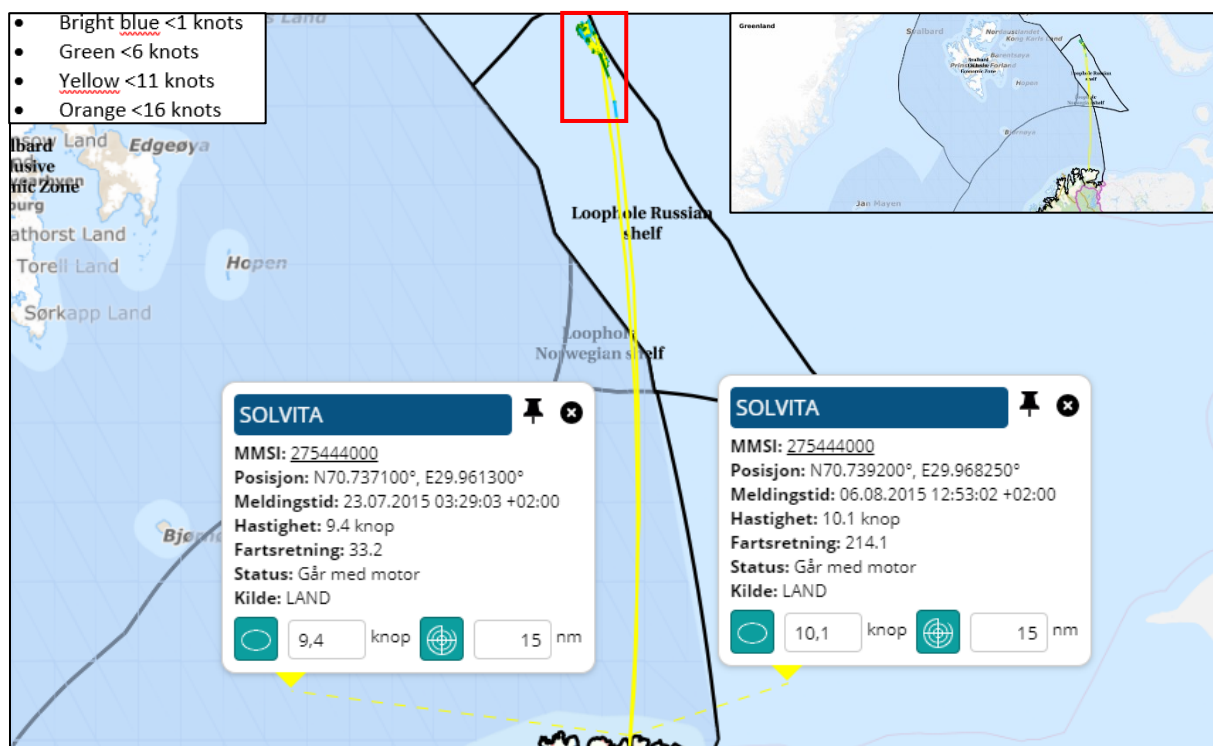
## 2.16.1 "Solvita" summary voyage 16

Figure 70 "Solvita" summary voyage 16

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
03.07.2015	18.07.2015	
Entered Loophole Norwegian Shelf	04.07.2015 15:08	
Left Loophole Norwegian Shelf	04.07.2015 18:18	
Time on Norwegian Shelf (days:hours:minutes)		00:03:10
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	04.07.2015 18:18	
Left Loophole Russian Shelf	17.07.2015 13:36	
Time on Russian Shelf (days:hours:minutes)		12:19:18
Period with speed < 6 knots from	05.07.2015 08:56	
Period with speed < 6 knots to	16.07.2015 18:13	
Time with speed < 6 knots (days:hours:minutes)		11:09:16
Entered Loophole Norwegian Shelf	17.07.2015 13:36	
Left Loophole Norwegian Shelf	17.07.2015 17:52	
Time on Norwegian Shelf (days:hours:minutes)		00:04:15
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	273,16	
Total hours < 6 knots	273,16	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	43 362	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10437000	22.07.2015

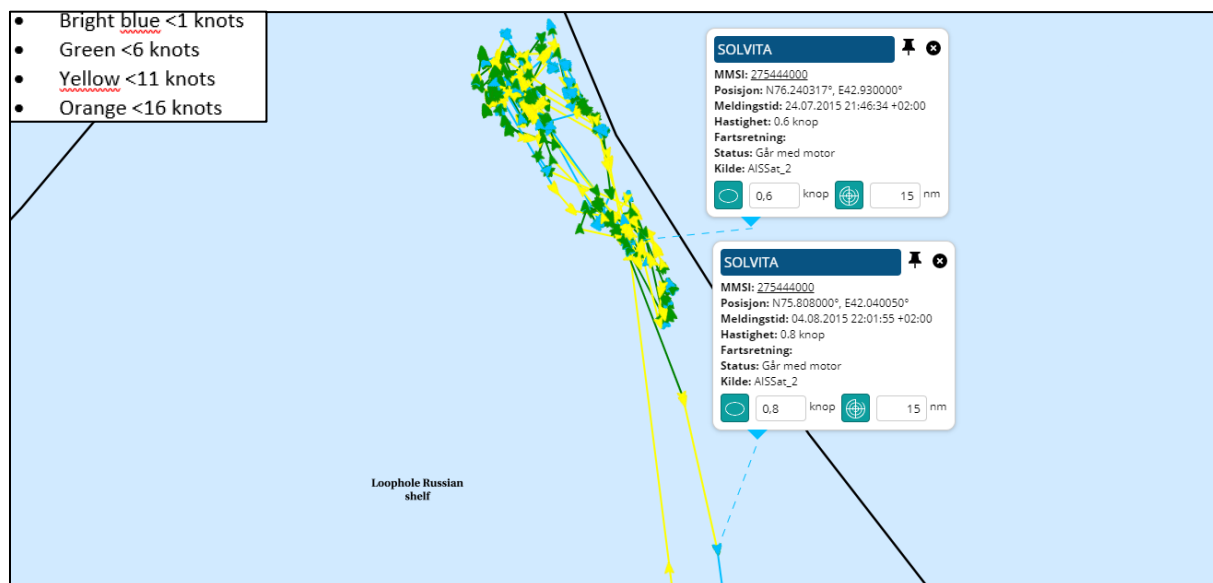
## 2.17 “Solvita” voyage 17 from July 23<sup>rd</sup> to August 6<sup>st</sup> 2015

Figure 71 “Solvita” voyage 17, overview



Voyage 17, overview. “Solvita” left Båtsfjord port on July 23<sup>rd</sup> 2015 and returned to Båtsfjord port on August 6<sup>st</sup> 2015. On arrival, “Solvita” landed 39 157 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 72 “Solvita” voyage 17, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from July 24<sup>th</sup> 2015 time 21:46 until August 4<sup>th</sup> 2015 time 22:01.

## 2.17.1 "Solvita" summary voyage 17

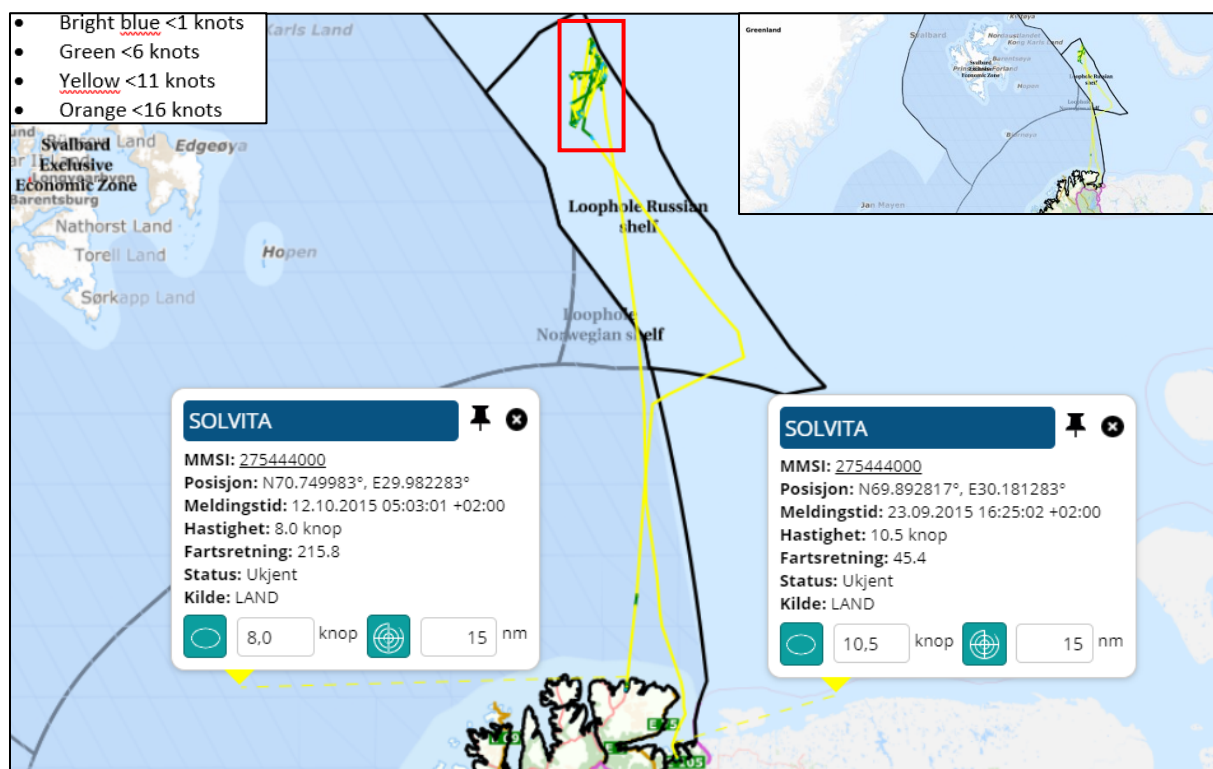
Figure 73 "Solvita" summary voyage 17

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
23.07.2015	06.08.2015	
Entered Loophole Norwegian Shelf	24.07.2015 02:16	
Left Loophole Norwegian Shelf	24.07.2015 05:33	
Time on Norwegian Shelf (days:hours:minutes)		00:03:16
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	24.07.2015 05:33	
Left Loophole Russian Shelf	05.08.2015 12:32	
Time on Russian Shelf (days:hours:minutes)		12:06:59
Period with speed < 6 knots from	24.07.2015 21:46	
Period with speed < 6 knots to	04.08.2015 22:01	
Time with speed < 6 knots (days:hours:minutes)		11:00:15
Entered Loophole Norwegian Shelf	05.08.2015 12:32	
Left Loophole Norwegian Shelf	05.08.2015 16:51	
Time on Norwegian Shelf (days:hours:minutes)		00:04:18
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	264,15	
Total hours < 6 knots	264,15	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	39 157	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10441681	10.08.2015



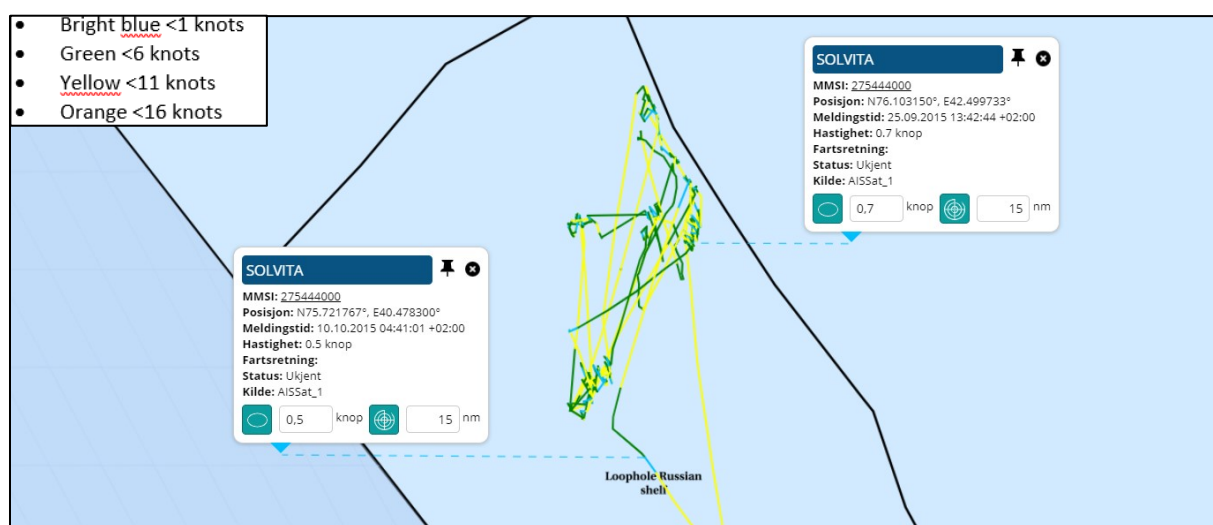
## 2.18 “Solvita” voyage 18 from September 23<sup>rd</sup> to October 12<sup>th</sup> 2015

Figure 74 “Solvita” voyage 18, overview



Voyage 18, overview. “Solvita” left Kirkenes port on September 23<sup>rd</sup> 2015 and returned to Båtsfjord port on October 12<sup>th</sup> 2015. On arrival, “Solvita” landed 33 573 kilo live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and did not engage in any snow crab harvesting there.

Figure 75 “Solvita” voyage 18, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from September 25<sup>th</sup> 2015 time 13:42 until October 10<sup>th</sup> 2015 time 04:41.

## 2.18.1 "Solvita" summary voyage 18

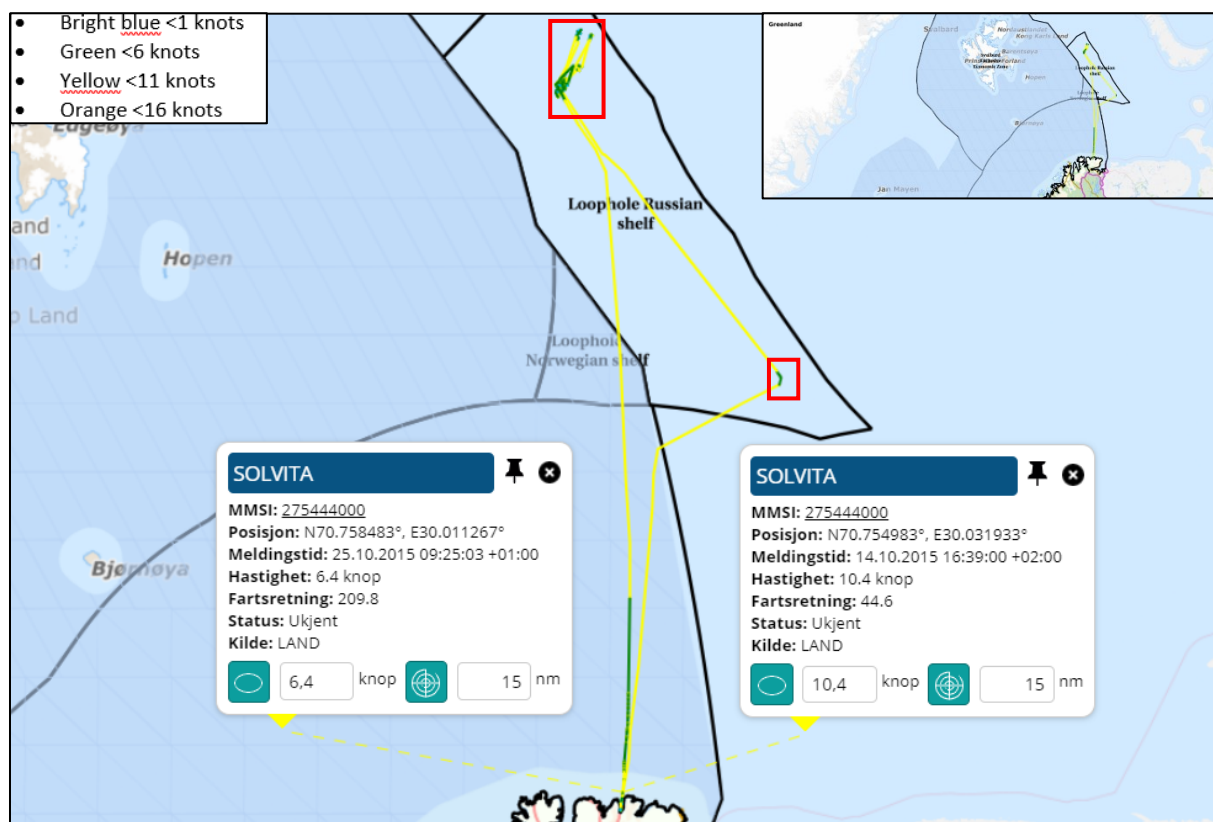
Figure 76 "Solvita" summary voyage 18

Voyage started from Kirkenes port	Voyage ended in Båtsfjord port	
23.09.2015	12.10.2015	
Entered Loophole Norwegian Shelf	24.09.2015 20:01	
Left Loophole Norwegian Shelf	24.09.2015 21:38	
Time on Norwegian Shelf (days:hours:minutes)		00:01:36
Period with speed < 6 knots from		
Period with speed <6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	24.09.2015 21:38	
Left Loophole Russian Shelf	11.10.2015 02:48	
Time on Russian Shelf (days:hours:minutes)		16:05:10
Period with speed < 6 knots from	25.09.2015 13:42	
Period with speed < 6 knots to	10.10.2015 04:41	
Time with speed < 6.knots (days:hours:minutes)		14:14:58
Entered Loophole Norwegian Shelf		
Left Loophole Norwegian Shelf		
Time on Norwegian Shelf (days:hours:minutes)	NO TRACKS IN ZONE	00:00:00
Period with speed < 6 knots from		
Period with speed <6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	350,58	
Total hours < 6 knots	350,58	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	33 573	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10463500	13.10.2015



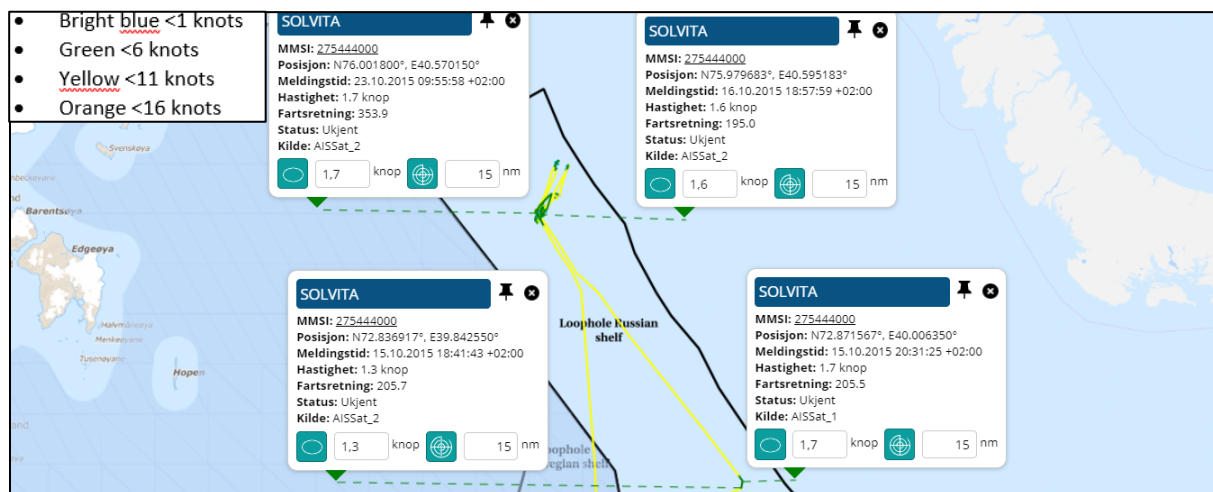
## 2.19 “Solvita” voyage 19 from October 14<sup>th</sup> to October 25<sup>th</sup> 2015

Figure 77 “Solvita” voyage 19, overview



Voyage 19, overview. “Solvita” left Båtsfjord port on October 14<sup>th</sup> 2015 and returned to Båtsfjord port on October 25<sup>th</sup> 2015. On arrival, “Solvita” landed 35 468 kilo live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, southbound and did not engage in any snow crab harvesting there.

Figure 78 “Solvita” voyage 19, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from October 15<sup>th</sup> 2015 time 18:41 until October 15<sup>th</sup> 2015 time 20:31 and in the period from October 16<sup>th</sup> 2015 time 18:57 until October 23<sup>rd</sup> 2015 time 09:55.

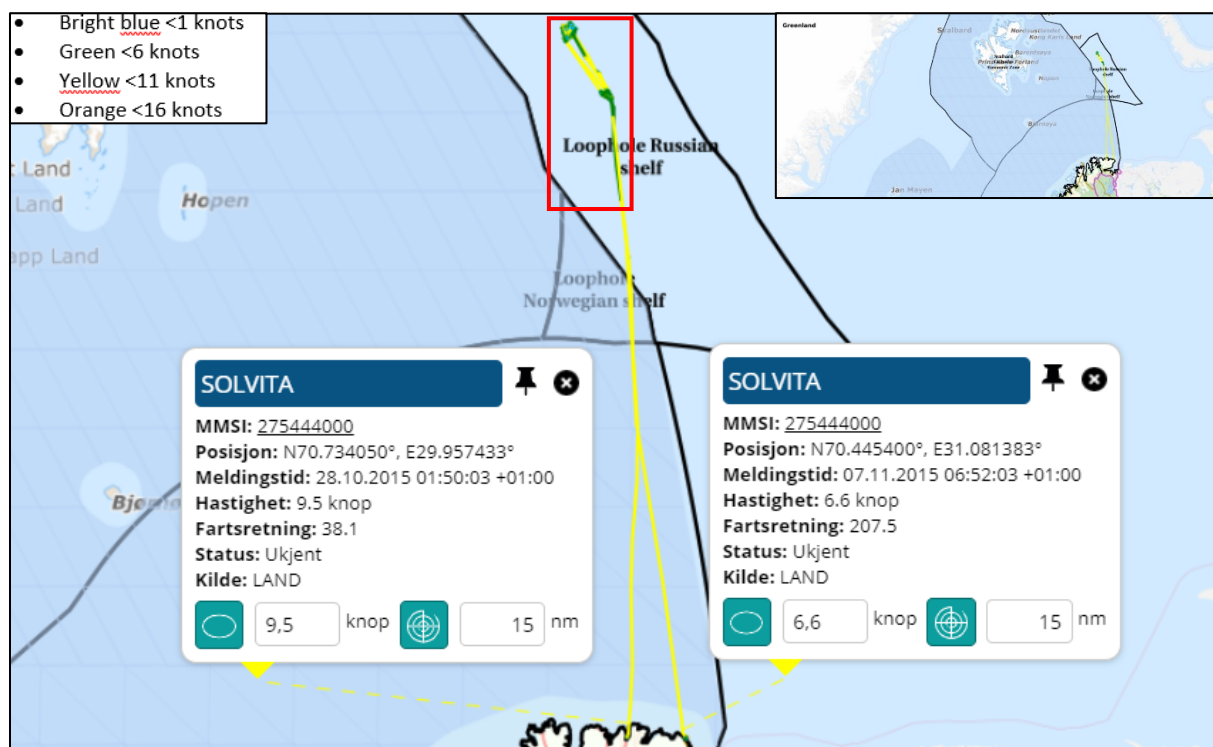
## 2.19.1 "Solvita" summary voyage 19

Figure 79 "Solvita" summary voyage 19

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
14.10.2015	25.10.2015	
Entered Loophole Norwegian Shelf		
Left Loophole Norwegian Shelf		
Time on Norwegian Shelf (days:hours:minutes)	NO TRACKS IN ZONE	00:00:00
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	15.10.2015 15:24	
Left Loophole Russian Shelf	24.10.2015 01:45	
Time on Russian Shelf (days:hours:minutes)		08:10:21
Period with speed < 6 knots from	15.10.2015 18:41	
Period with speed < 6 knots to	23.10.2015 09:55	
Time with speed < 6 knots (days:hours:minutes)		07:15:14
Entered Loophole Norwegian Shelf	24.10.2015 01:45	
Left Loophole Norwegian Shelf	24.10.2015 06:59	
Time on Norwegian Shelf (days:hours:minutes)		00:05:13
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	160,06	
Total hours < 6 knots	160,06	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	35 468	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10467225	27.10.2015

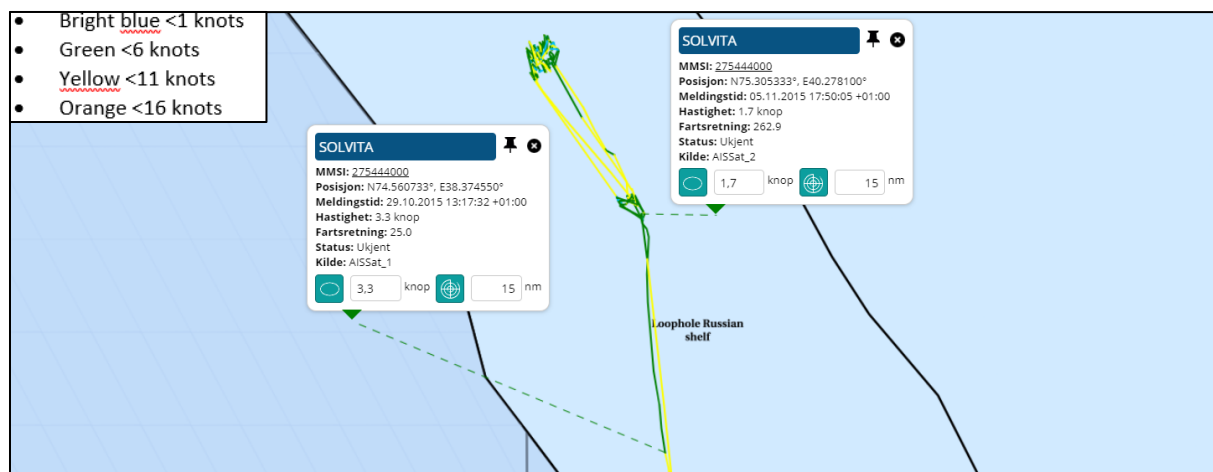
## 2.20 “Solvita” voyage 20 from October 28<sup>th</sup> to November 7<sup>th</sup> 2015

Figure 80 “Solvita” voyage 20, overview



Voyage 20, overview. “Solvita” left Båtsfjord port on October 28<sup>th</sup> 2015 and returned to Vardø port on November 7<sup>th</sup> 2015. On arrival, “Solvita” landed 32 271 kilo live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 81 “Solvita” voyage 20, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from October 29<sup>th</sup> 2015 time 13:17 until November 5<sup>th</sup> 2015 time 17:50.

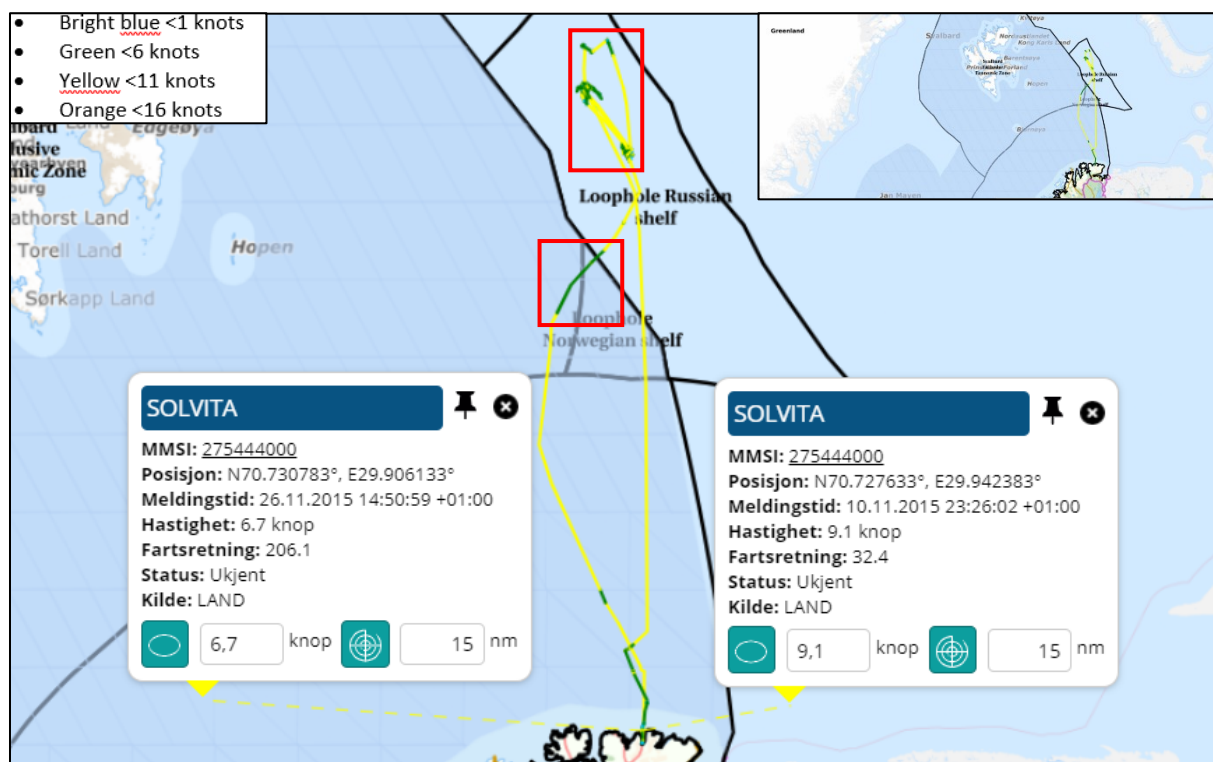
## 2.20.1 "Solvita" summary voyage 20

Figure 82 "Solvita" summary voyage 20

Voyage started from Båtsfjord port	Voyage ended in Vardø port	
28.10.2015	07.11.2015	
Entered Loophole Norwegian Shelf	29.10.2015 01:58	
Left Loophole Norwegian Shelf	29.10.2015 06:52	
Time on Norwegian Shelf (days:hours:minutes)		00:04:54
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	29.10.2015 06:52	
Left Loophole Russian Shelf	06.11.2015 05:13	
Time on Russian Shelf (days:hours:minutes)		07:22:20
Period with speed < 6 knots from	29.10.2015 13:17	
Period with speed < 6 knots to	05.11.2015 17:50	
Time with speed < 6 knots (days:hours:minutes)		07:04:32
Entered Loophole Norwegian Shelf	06.11.2015 05:13	
Left Loophole Norwegian Shelf	06.11.2015 08:22	
Time on Norwegian Shelf (days:hours:minutes)		00:03:09
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	172,32	
Total hours < 6 knots	172,32	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	32 271	
Factory (crab receiver)	ARCTIC CATCH AS	
Landingnote number and date	10471227	09.11.2015

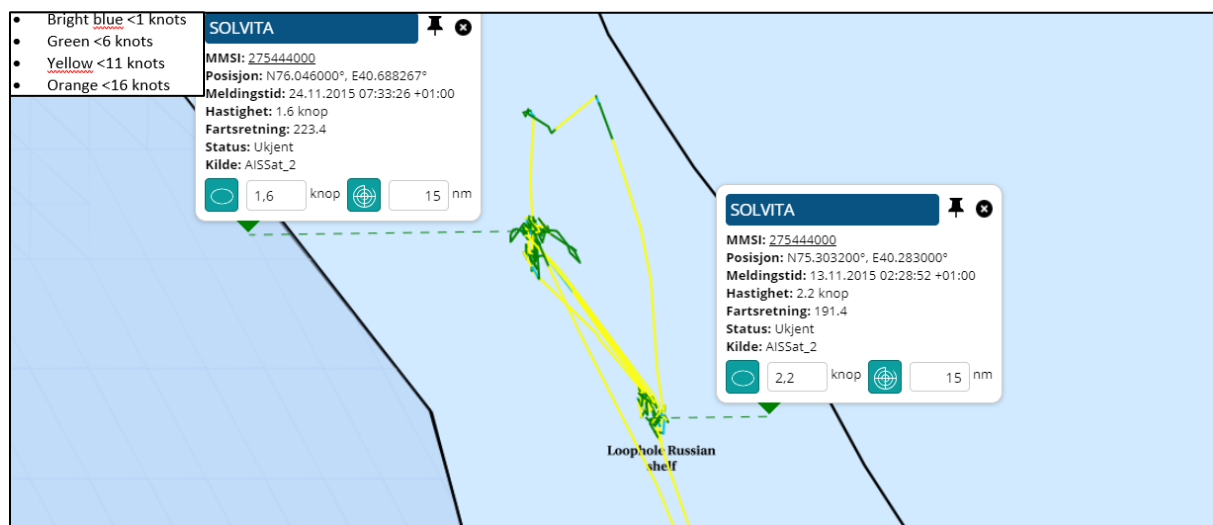
## 2.21 “Solvita” voyage 21<sup>st</sup> from November 10<sup>th</sup> to November 26<sup>th</sup> 2015

Figure 83 “Solvita” voyage 21, overview



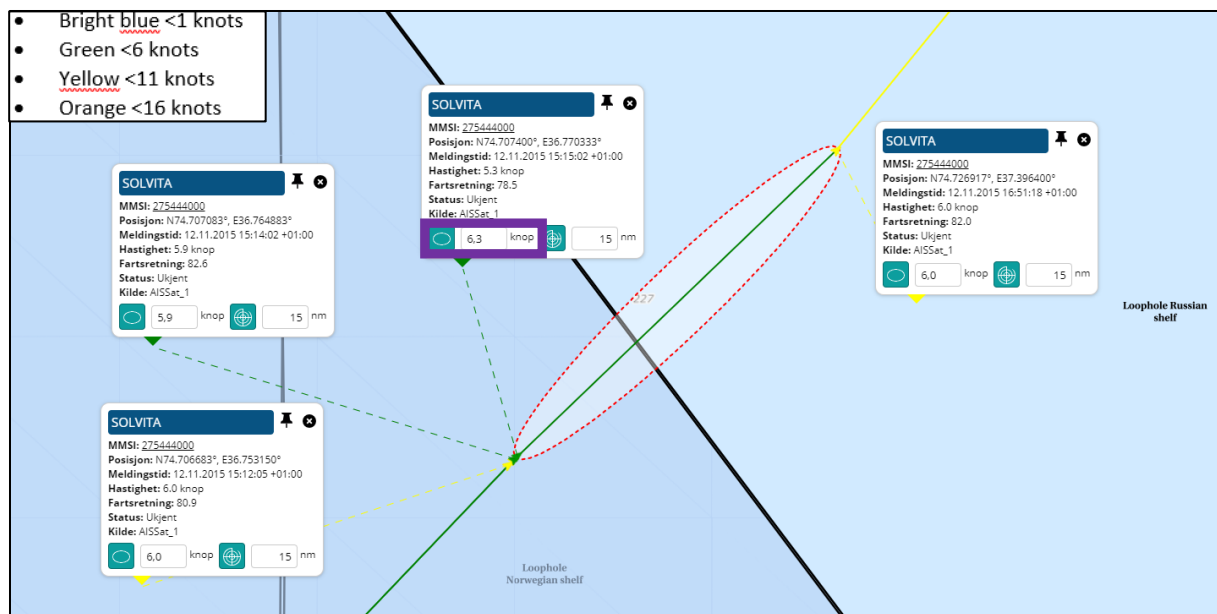
Voyage 21, overview. “Solvita” left Båtsfjord port on November 10<sup>th</sup> 2015 and returned to Båtsfjord port on November 26<sup>th</sup> 2015. On arrival, “Solvita” landed 42 315 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound. The green color of the track indicates that “Solvita” was sailing with speed < 6 knots in given periods on the Norwegian continental shelf.

Figure 84 “Solvita” voyage 21, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from November 13<sup>th</sup> 2015 time 02:28 until November 24<sup>th</sup> 2015 time 07:33.

Figure 85 "Solvita" voyage 21, &lt; 6 knots on the Norwegian continental shelf



Norwegian continental shelf in the Loop Hole. "Solvita" had two AIS-positions with speed of < 6 knots on the Norwegian continental shelf in the Loop Hole. Those AIS-positions were registered inside of the Norwegian continental shelf in the Loop Hole on November 12<sup>th</sup> time 15:14 and time 15:15 and shows speed of 5,9 knots and 5,3 knots.

The next AIS-position was registered November 12<sup>th</sup> at time 16:51. This AIS-position was registered on the Russian shelf in the Loop Hole and shows speed of 6,0 knots.

The distance between the AIS-position on the Norwegian continental shelf in the Loop Hole and the AIS-position on the Russian continental shelf in the Loop Hole shows that "Solvita" must have had an average speed of 6,3 knots between these two positions. The red dotted ellipse shows the theoretical area where "Solvita" may have moved in between time 15:15 and time 16:51 on November 12<sup>th</sup>. The purple rectangular box in the pop up above shows the average speed.

The distance and time between the AIS-positions shows that "Solvita" unlikely have been involved in harvesting activity during this period. This period could, however, be explained by weather conditions, engine failures or other technical issues, given that the vessel appears to have been traveling in a relatively direct line.

Figure 86 "Solvita" voyage 21, &lt; 6 knots AIS-positions on the Norwegian continental shelf

Skip	Mmsi	IMO	Callsign	Messagetime	Lon	Lat	Speed	Heading	Source
SOLVITA	275444000	8721765	YL2843	12.11.2015 15:12	36,75315	74,706683	6,00	80,9	AISSat_1
SOLVITA	275444000	8721765	YL2843	12.11.2015 15:14	36,764883	74,707083	5,90	82,5	AISSat_1
SOLVITA	275444000	8721765	YL2843	12.11.2015 15:15	36,770333	74,7074	5,30	78,5	AISSat_1
SOLVITA	275444000	8721765	YL2843	12.11.2015 16:51	37,3964	74,726917	6,00	82	AISSat_1

The table above shows time, position, and speed for the AIS-positions before and after the reduction in speed.



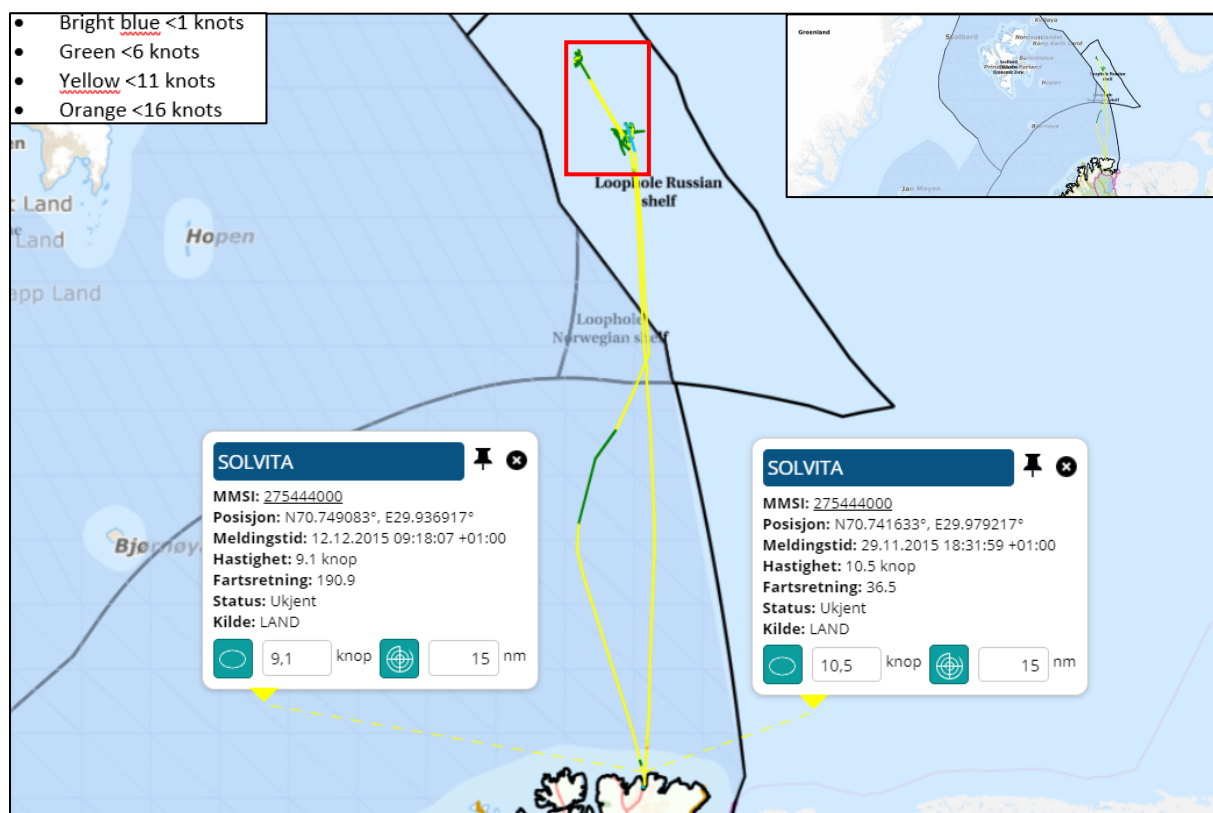
## 2.21.1 "Solvita" summary voyage 21

Figure 87 "Solvita" summary voyage 21

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
10.11.2015	26.11.2015	
Entered Loophole Norwegian Shelf	12.11.2015 15:12	
Left Loophole Norwegian Shelf	12.11.2015 16:51	
Time on Norwegian Shelf (days:hours:minutes)		00:01:39
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	12.11.2015 16:51	
Left Loophole Russian Shelf	24.11.2015 23:10	
Time on Russian Shelf (days:hours:minutes)		12:06:18
Period with speed < 6 knots from	13.11.2015 02:28	
Period with speed < 6 knots to	24.11.2015 07:33	
Time with speed < 6 knots (days:hours:minutes)		11:05:04
Entered Loophole Norwegian Shelf	24.11.2015 23:10	
Left Loophole Norwegian Shelf	25.11.2015 02:22	
Time on Norwegian Shelf (days:hours:minutes)		00:03:12
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	269,04	
Total hours < 6 knots	269,04	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	42 315	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10477387	29.11.2015

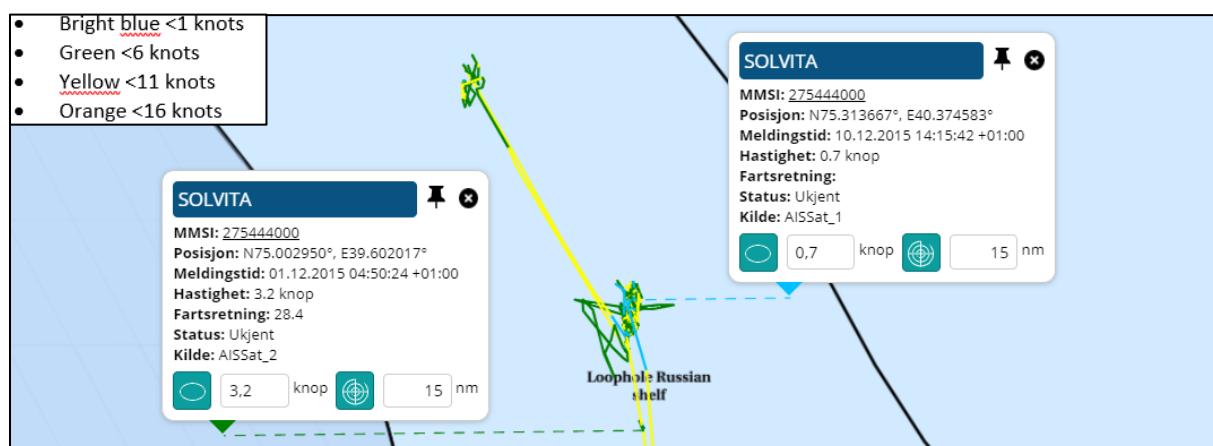
## 2.22 “Solvita” voyage 22 from November 29<sup>th</sup> to December 12<sup>th</sup> 2015

Figure 88 “Solvita” voyage 22, overview



Voyage 22, overview. “Solvita” left Båtsfjord port on November 29<sup>th</sup> 2015 and returned to Båtsfjord port on December 12<sup>th</sup> 2015. On arrival, “Solvita” landed 41 599 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 89 “Solvita” voyage 22, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from December 1<sup>st</sup> 2015 time 04:50 until December 10<sup>th</sup> 2015 time 14:15.



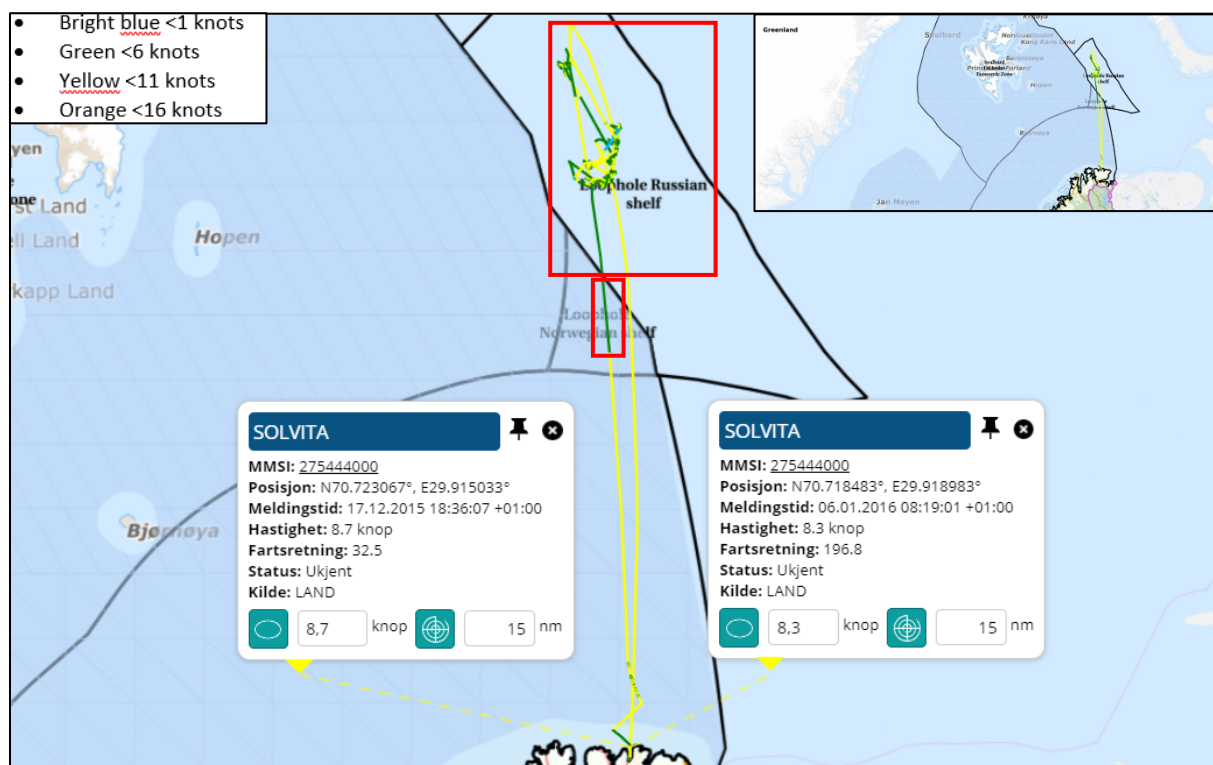
## 2.22.1 "Solvita" summary voyage 22

Figure 90 "Solvita" summary voyage 22

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
29.11.2015	12.12.2015	
Entered Loophole Norwegian Shelf	30.11.2015 15:51	
Left Loophole Norwegian Shelf	30.11.2015 20:44	
Time on Norwegian Shelf (days:hours:minutes)		00:04:53
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	30.11.2015 20:44	
Left Loophole Russian Shelf	11.12.2015 01:27	
Time on Russian Shelf (days:hours:minutes)		10:04:42
Period with speed < 6 knots from	01.12.2015 04:50	
Period with speed < 6 knots to	10.12.2015 14:15	
Time with speed < 6 knots (days:hours:minutes)		09:09:25
Entered Loophole Norwegian Shelf	11.12.2015 01:27	
Left Loophole Norwegian Shelf	11.12.2015 06:21	
Time on Norwegian Shelf (days:hours:minutes)		00:04:54
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	225,25	
Total hours < 6 knots	225,25	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	41 599	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10481289	15.12.2015

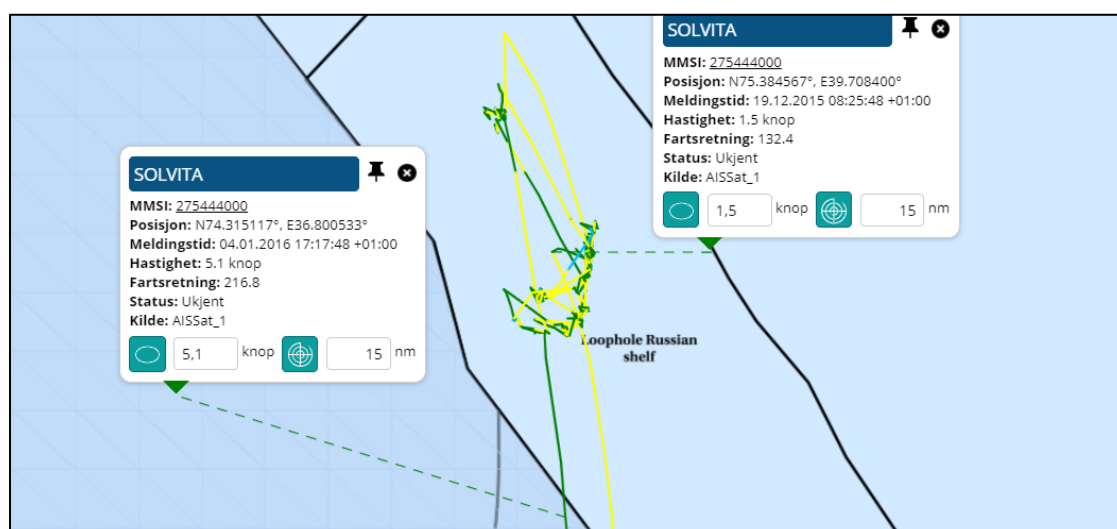
## 2.23 “Solvita” voyage 23 from December 17<sup>th</sup> 2015 to January 6<sup>st</sup> 2016

Figure 91 “Solvita” voyage 23, overview



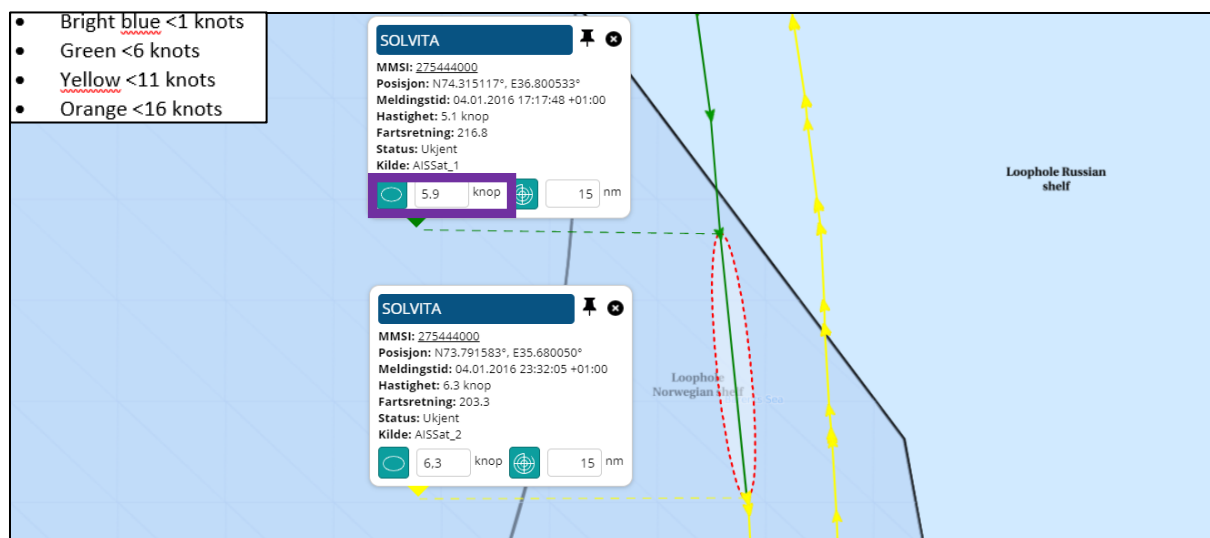
Voyage 23, overview. “Solvita” left Båtsfjord port on December 17<sup>th</sup> 2015 and returned to Båtsfjord port on January 6<sup>th</sup> 2016. On arrival, “Solvita” landed 38 489 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound. The green color of the track indicates that “Solvita” was sailing with speed < 6 knots in given periods on the Norwegian continental shelf.

Figure 92 “Solvita” voyage 23, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from December 19<sup>th</sup> 2015 time 08:25 until January 4<sup>th</sup> 2016 time 17:17.

Figure 93 "Solvita" voyage 23, &lt; 6 knots on the Norwegian continental shelf



Norwegian continental shelf in the Loop Hole. "Solvita" had one AIS-position with speed of < 6 knots on the Norwegian continental shelf in the Loop Hole. The AIS-position was registered inside of the Norwegian continental shelf in the Loop Hole on January 4<sup>th</sup> time 17:17. The AIS-position shows speed of 5,1 knots.

The next AIS-position was registered January 4<sup>th</sup> at time 23:32. This AIS-position shows speed of 6,3 knots.

The distance between the AIS-positions on the Norwegian continental shelf of the Loop, shows that "Solvita" must have had an average speed of 5,9 knots between these two positions. The red dotted ellipse shows the theoretical area where "Solvita" may have moved in between time 17:17 and time 23:32 on January 4<sup>th</sup>. The purple rectangular box in the pop up above shows the average speed.

The distance and time between the AIS-positions shows that "Solvita" unlikely have been involved in harvesting activity during this period.

Figure 94 "Solvita" voyage 23, &lt; 6 knots AIS-positions on the Norwegian continental shelf

Skip	Mmsi	IMO	Callsign	Message time	Lon	Lat	Speed	Heading	Source
SOLVITA	275444000	8721765	YL2843	04.01.2016 17:17	36,800533	74,315117	5,10	216,8	AISSat_1
SOLVITA	275444000	8721765	YL2843	04.01.2016 23:32	35,68005	73,791583	6,30	203,3	AISSat_2

The table above shows time, position, and speed for the AIS-position before the increase in speed.

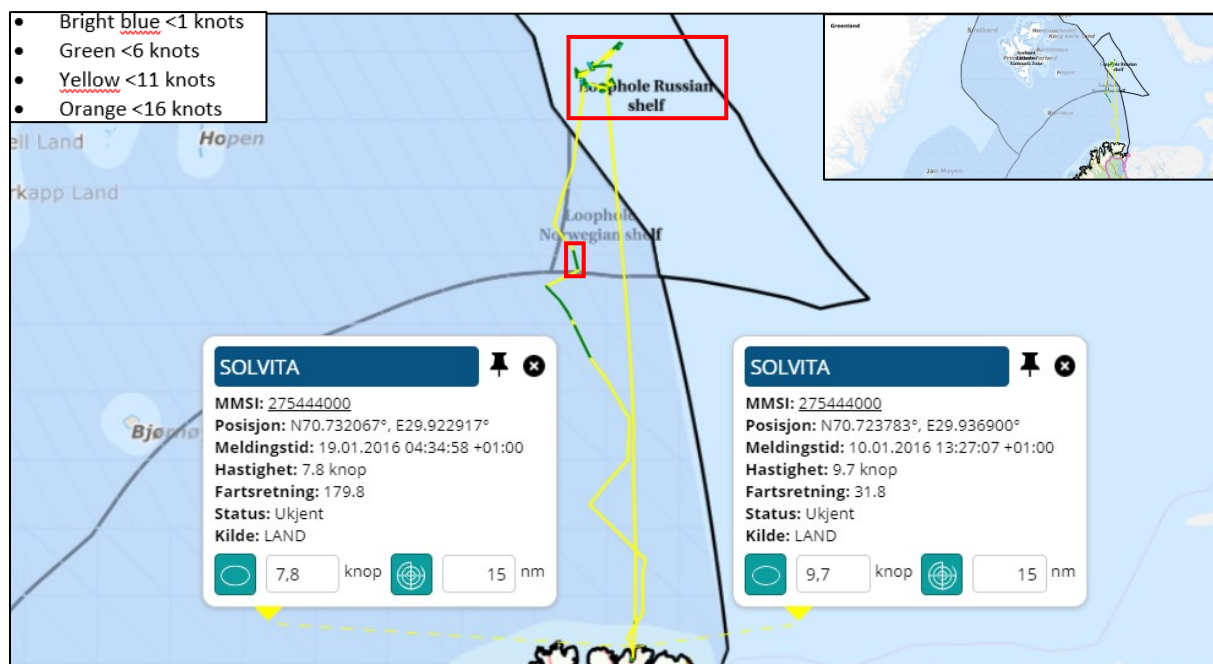
## 2.23.1 "Solvita" summary voyage 23

Figure 95 "Solvita" summary voyage 23

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
17.12.2015	06.01.2016	
Entered Loophole Norwegian Shelf	18.12.2015 17:50	
Left Loophole Norwegian Shelf	18.12.2015 21:08	
Time on Norwegian Shelf (days:hours:minutes)		00:03:18
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	18.12.2015 21:08	
Left Loophole Russian Shelf	04.01.2016 17:17	
Time on Russian Shelf (days:hours:minutes)		16:20:09
Period with speed < 6 knots from	19.12.2015 08:25	
Period with speed < 6 knots to	04.01.2016 17:17	
Time with speed < 6 knots (days:hours:minutes)		16:08:52
Entered Loophole Norwegian Shelf	04.01.2016 17:17	
Left Loophole Norwegian Shelf	05.01.2016 01:24	
Time on Norwegian Shelf (days:hours:minutes)		00:08:06
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	392,52	
Total hours < 6 knots	392,52	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	38 489	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10484850	10.01.2016

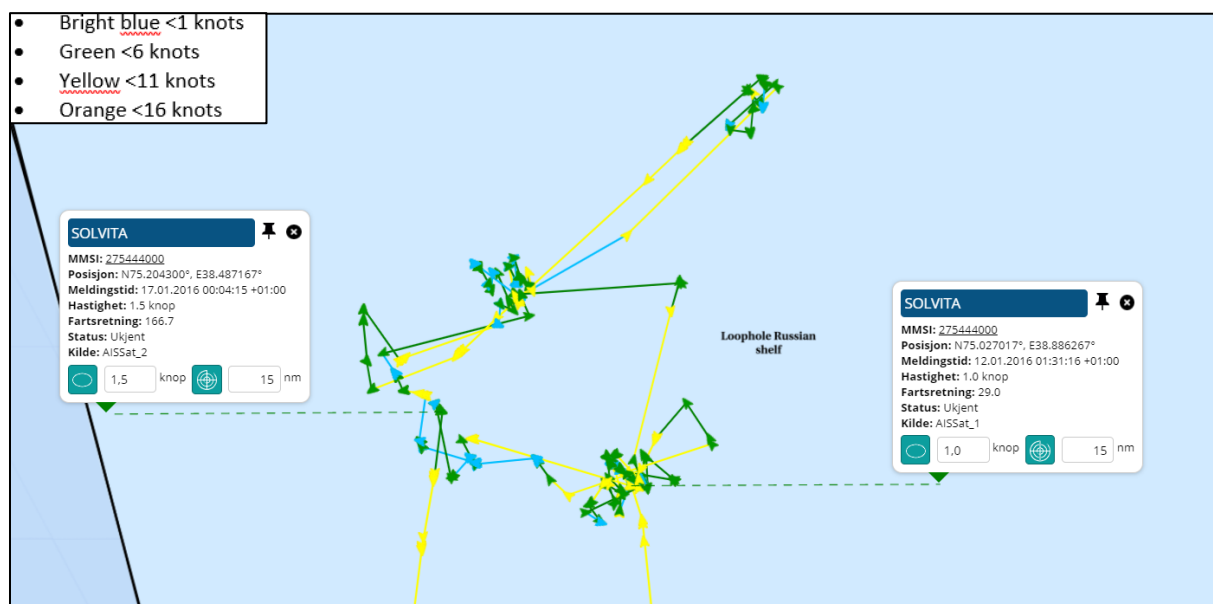
## 2.24 “Solvita” voyage 24 from January 10<sup>th</sup> to January 19<sup>th</sup> 2016

Figure 96 “Solvita” voyage 24, overview



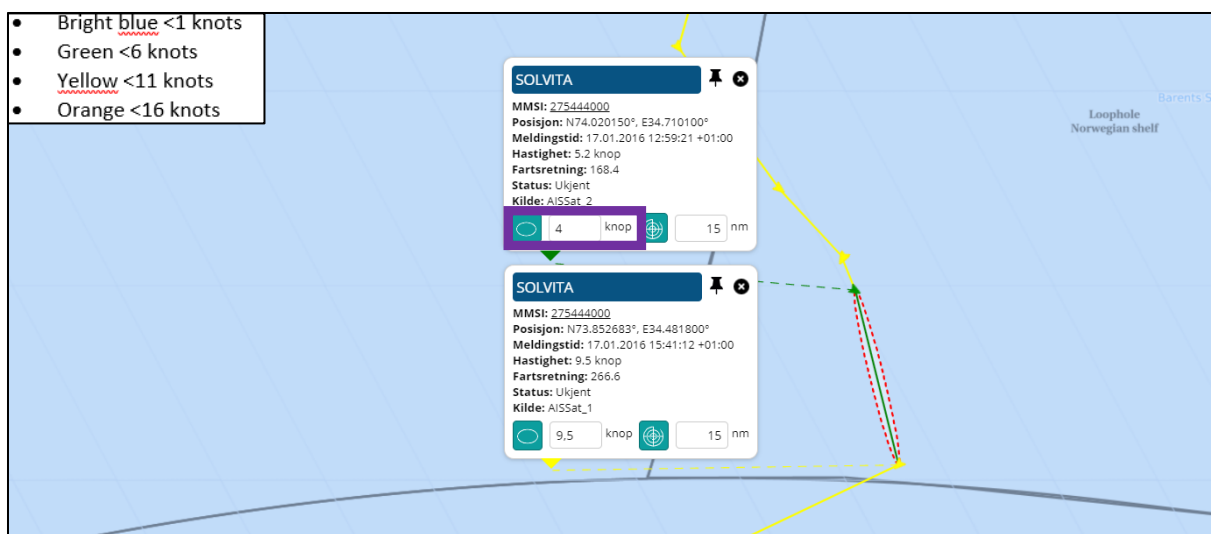
Voyage 24, overview. “Solvita” left Båtsfjord port on January 10<sup>th</sup> 2015 and returned to Båtsfjord port on January 19<sup>th</sup> 2016. On arrival, “Solvita” landed 38 401 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound. The green color of the track indicates that “Solvita” was sailing with speed < 6 knots in given periods on the Norwegian continental shelf.

Figure 97 “Solvita” voyage 23, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from January 12<sup>th</sup> 2016 time 01:31 until January 17<sup>th</sup> 2016 time 00:04.

Figure 98 "Solvita" voyage 23, &lt; 6 knots on the Norwegian continental shelf



Norwegian continental shelf in the Loop Hole. "Solvita" had one AIS-position with speed of < 6 knots on the Norwegian continental shelf in the Loop Hole. The AIS-position was registered inside of the Norwegian continental shelf in the Loop Hole on January 17<sup>th</sup> time 12:59. The AIS-position shows speed of 5,2 knots.

The next AIS-position was registered January 17<sup>th</sup> at time 15:41. This AIS-position shows speed of 9,5 knots.

The distance between the AIS-positions on the Norwegian continental shelf of the Loop, shows that "Solvita" must have had an average speed of 4 knots between these two positions. The red dotted ellipse shows the theoretical area where "Solvita" may have moved in between time 12:59 and time 15:41 on January 17<sup>th</sup>. The purple rectangular box in the pop up above shows the average speed.

The distance and time between the AIS-positions shows that "Solvita" unlikely have been involved in harvesting activity during this period.

Figure 99 "Solvita" voyage 24, &lt; 6 knots AIS-positions on the Norwegian continental shelf

Skip	Mmsi	IMO	Callsign	Message time	Lon	Lat	Speed	Heading	Source
SOLVITA	275444000	8721765	YL2843	17.01.2016 12:59	34,7101	74,02015	5,20	168,3	AISSat_2
SOLVITA	275444000	8721765	YL2843	17.01.2016 15:41	34,4818	73,852683	9,50	266,6	AISSat_1

The table above shows time, position, and speed for the AIS-positions before the increase in speed.

## 2.24.1 "Solvita" summary voyage 24

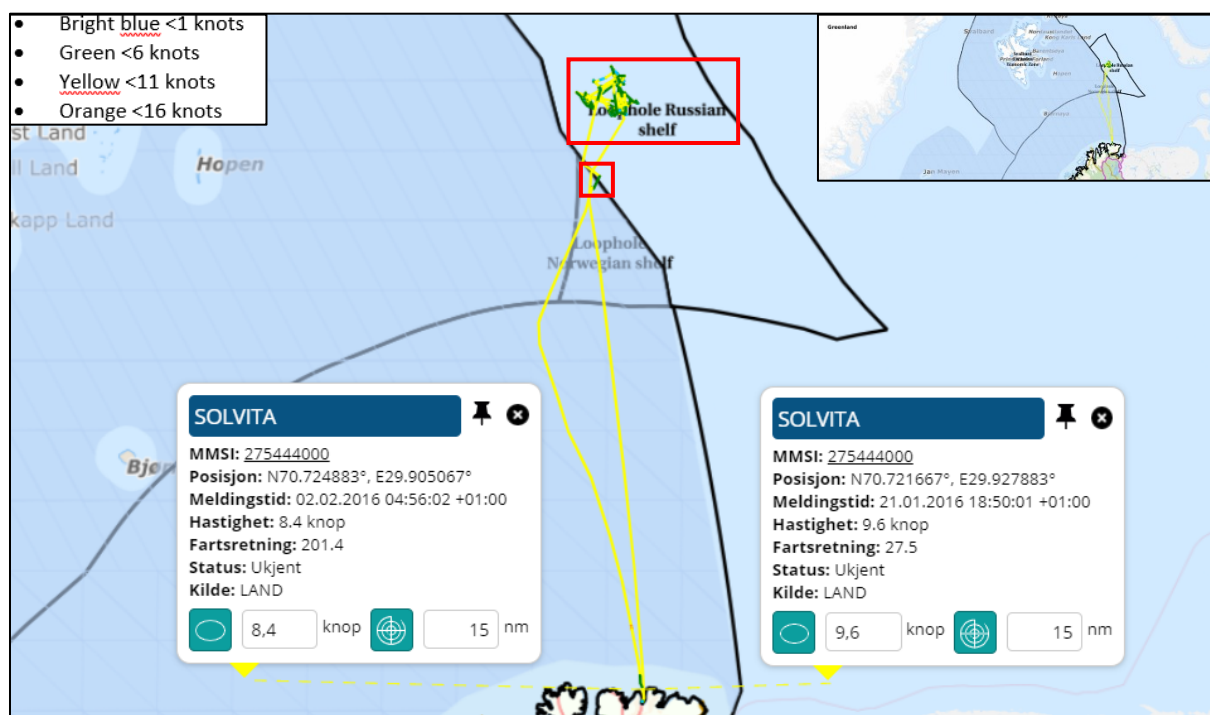
Figure 100 "Solvita" summary voyage 24

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
10.01.2016	19.01.2016	
Entered Loophole Norwegian Shelf	11.01.2016 12:34	
Left Loophole Norwegian Shelf	11.01.2016 19:00	
Time on Norwegian Shelf (days:hours:minutes)		00:06:25
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	11.01.2016 19:00	
Left Loophole Russian Shelf	17.01.2016 04:24	
Time on Russian Shelf (days:hours:minutes)		05:09:24
Period with speed < 6 knots from	12.01.2016 01:31	
Period with speed < 6 knots to	17.01.2016 00:04	
Time with speed < 6 knots (days:hours:minutes)		04:22:32
Entered Loophole Norwegian Shelf	17.01.2016 04:24	
Left Loophole Norwegian Shelf	17.01.2016 07:38	
Time on Norwegian Shelf (days:hours:minutes)		00:03:13
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Norwegian Shelf	17.01.2016 10:52	
Left Loophole Norwegian Shelf	17.01.2016 17:27	
Time on Norwegian Shelf (days:hours:minutes)		00:06:34
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	118,32	
Total hours < 6 knots	118,32	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	38 401	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10490230	21.01.2016



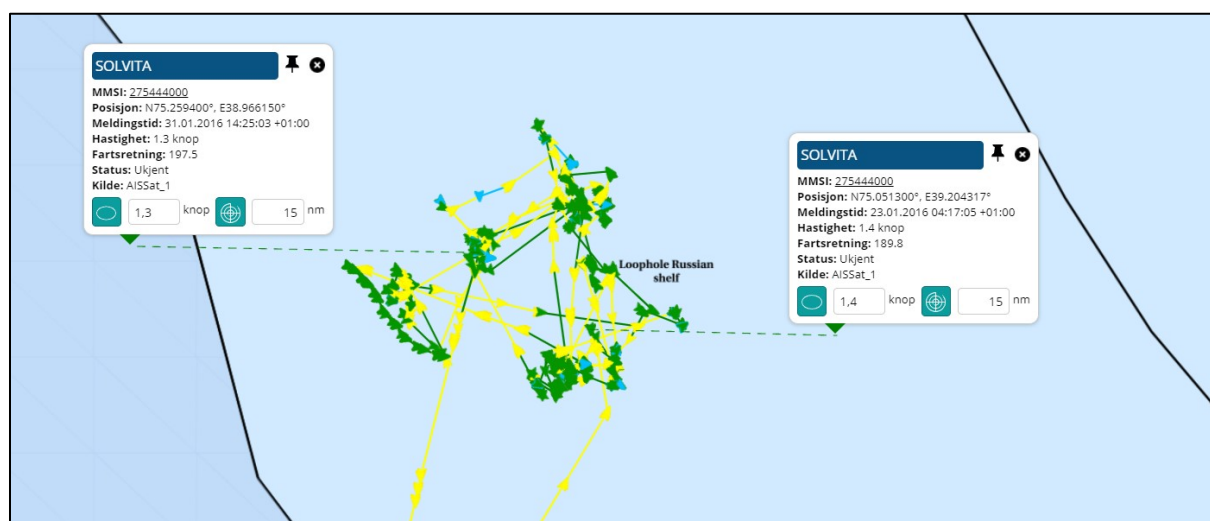
## 2.25 “Solvita” voyage 25 from January 21<sup>st</sup> to February 2<sup>nd</sup> 2016

Figure 101 “Solvita” voyage 25, overview



Voyage 25, overview. “Solvita” left Båtsfjord port on January 21<sup>st</sup> 2016 and returned to Båtsfjord port on February 2<sup>nd</sup> 2016. On arrival, “Solvita” landed 42 523 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound. The green color of the track indicates that “Solvita” was sailing with speed < 6 knots in given periods on the Norwegian continental shelf.

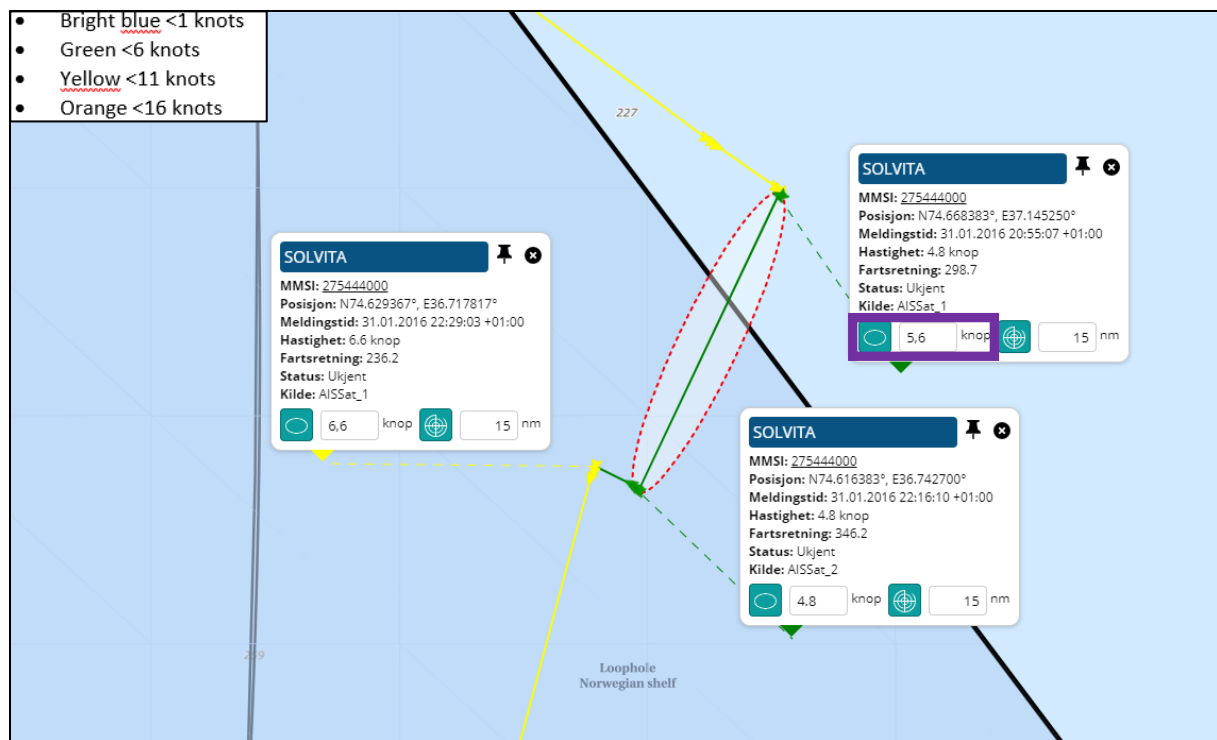
Figure 102 “Solvita” voyage 25, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from January 23<sup>rd</sup> 2016 time 04:17 until January 31<sup>st</sup> 2016 time 14:25.



Figure 103 "Solvita" voyage 25, &lt; 6 knots on the Norwegian continental shelf



Norwegian continental shelf in the Loop Hole. "Solvita" had AIS-position with speed of < 6 knots on the Norwegian continental shelf in the Loop Hole. The AIS-position was registered inside of the Norwegian continental shelf in the Loop Hole on January 31<sup>st</sup> time 22:16.

The next AIS-position was registered January 31<sup>st</sup> at time 22:29. This AIS-position shows speed of 6,6 knots.

The distance between the AIS-position on the Russian continental shelf in the Loop Hole and the AIS-position on the Norwegian continental shelf of the Loop, shows that "Solvita" must have had an average speed of 5,6 knots between these two positions. The red dotted ellipse shows the theoretical area where "Solvita" may have moved in between time 20:55 and time 22:16 on January 31<sup>st</sup>. The purple rectangular box in the pop up above shows the average speed.

The distance and time between the AIS-positions shows that "Solvita" unlikely have been involved in harvesting activity during this period.

Figure 104 "Solvita" voyage 25, &lt; 6 knots AIS-positions on the Norwegian continental shelf

Skip	Mmsi	IMO	Callsign	Message time	Lon	Lat	Speed	Source
SOLVITA	275444000	8721765	YL2843	31.01.2016 20:55	37,14525	74,668383	4,80	AISSat_1
SOLVITA	275444000	8721765	YL2843	31.01.2016 22:16	36,7427	74,616383	4,80	AISSat_2
SOLVITA	275444000	8721765	YL2843	31.01.2016 22:29	36,717817	74,629367	6,60	AISSat_1

The table above shows time, position, and speed for the AIS-positions before the increase in speed.

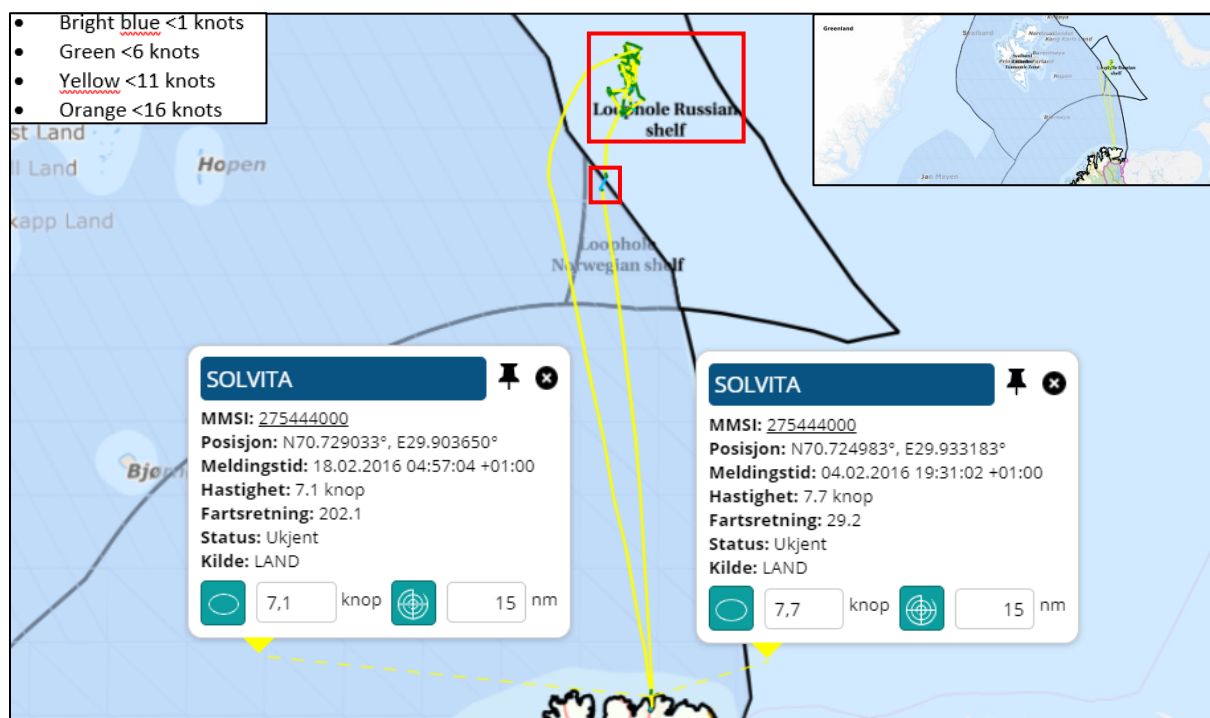
## 2.25.1 "Solvita" summary voyage 25

Figure 105 "Solvita" summary voyage 25

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
21.01.2016	02.02.2016	
Entered Loophole Norwegian Shelf	22.01.2016 15:18	
Left Loophole Norwegian Shelf	22.01.2016 23:29	
Time on Norwegian Shelf (days:hours:minutes)		00:08:10
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	22.01.2016 23:29	
Left Loophole Russian Shelf	31.01.2016 19:12	
Time on Russian Shelf (days:hours:minutes)		08:19:42
Period with speed < 6 knots from	23.01.2016 04:17	
Period with speed < 6 knots to	31.01.2016 14:25	
Time with speed < 6 knots (days:hours:minutes)		08:10:07
Entered Loophole Norwegian Shelf	31.01.2016 19:12	
Left Loophole Norwegian Shelf	31.01.2016 20:36	
Time on Norwegian Shelf (days:hours:minutes)		00:01:24
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	31.01.2016 20:36	
Left Loophole Russian Shelf	31.01.2016 22:13	
Time on Russian Shelf (days:hours:minutes)		00:01:36
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Norwegian Shelf	31.01.2016 22:13	
Left Loophole Norwegian Shelf	01.02.2016 01:40	
Time on Norwegian Shelf (days:hours:minutes)		00:03:27
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
<b>Hours on Norwegian Shelf &lt; 6 knots</b>	<b>0</b>	
<b>Hours on Russian Shelf &lt; 6 knots</b>	<b>202,07</b>	
<b>Total hours &lt; 6 knots</b>	<b>202,07</b>	
<b>Percent time on Russian Shelf &lt; 6 knots</b>	<b>100,00 %</b>	
<b>Percent time on Norwegian Shelf &lt; 6 knots</b>	<b>0,00 %</b>	
<b>Snow crab landed live in kg</b>	<b>42 523</b>	
<b>Factory (crab receiver)</b>	<b>SEAGOURMET NORWAY AS</b>	
<b>Landingnote number and date</b>	<b>10497100</b>	<b>04.02.2016</b>

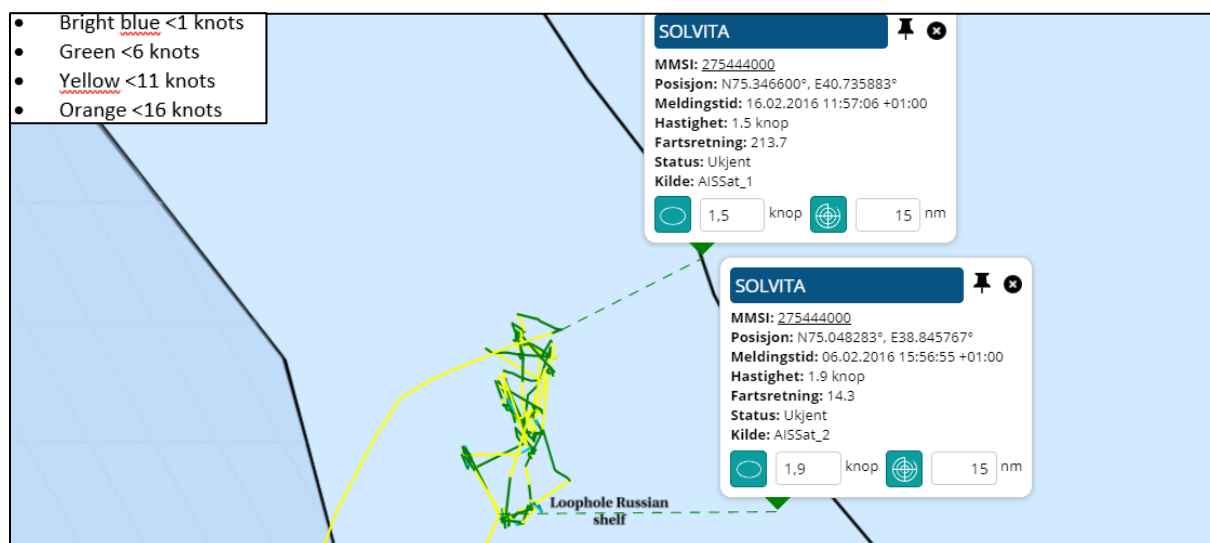
## 2.26 “Solvita” voyage 26 from February 4<sup>th</sup> to February 18<sup>th</sup> 2016

Figure 106 “Solvita” voyage 26, overview



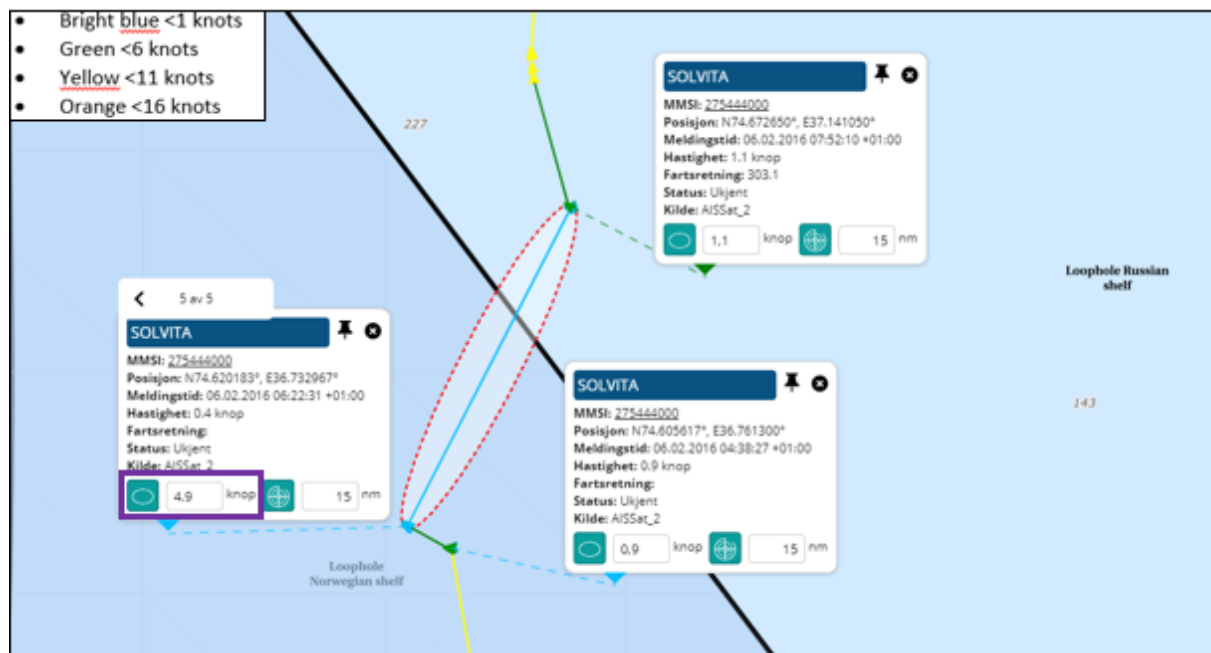
Voyage 26, overview. “Solvita” left Båtsfjord port on February 4<sup>th</sup> 2016 and returned to Båtsfjord port on February 18<sup>th</sup> 2016. On arrival, “Solvita” landed 34 325 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound. The bright blue color and green color of the track indicates that “Solvita” was sailing with speed < 6 knots in given periods on the Norwegian continental shelf.

Figure 107 “Solvita” voyage 26, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from February 6<sup>th</sup> 2016 time 15:56 until February 16<sup>th</sup> 2016 time 11:57. This is 99.41 percent of the total period < 6 knots in the Loop Hole for this voyage.

Figure 108 "Solvita" voyage 26, &lt; 6 knots on the Norwegian continental shelf



Norwegian continental shelf in the Loop Hole. "Solvita" had AIS-positions with speed of < 6 knots on the Norwegian continental shelf in the Loop Hole. The AIS-positions were registered inside of the Norwegian continental shelf in the Loop Hole on February 6<sup>th</sup> from time 04:38 to time 06:22. This is 0.59 percent of the total period < 6 knots in the Loop Hole for this voyage.

The distance between the AIS-position on the Russian continental shelf in the Loop Hole and the AIS-position on the Norwegian continental shelf of the Loop, shows that "Solvita" must have had an average speed of 4,9 knots between these two positions. The red dotted ellipse shows the theoretical area where "Solvita" may have moved in between time 06:22 and time 07:52 on February 6<sup>th</sup>. The purple rectangular box in the pop up above shows the average speed. This period could, however, be explained by weather conditions, engine failures or other technical issues, given that the vessel appears to have been traveling in a relatively direct line.

Figure 109 "Solvita" voyage 26, &lt; 6 knots AIS-positions on the Norwegian continental shelf

Skip	Mmsi	IMO	Callsign	Message time	Lon	Lat	Speed	Source
SOLVITA	275444000	8721765	YL2843	06.02.2016 04:38	36,7613	74,605617	0,90	AISSat_2
SOLVITA	275444000	8721765	YL2843	06.02.2016 06:22	36,732967	74,620183	0,40	AISSat_2
SOLVITA	275444000	8721765	YL2843	06.02.2016 07:52	37,14105	74,67265	1,10	AISSat_2

The table above shows time, position, and speed for the AIS-positions on the Norwegian continental shelf. The distance and time between the AIS-positions shows that "Solvita"

## 2.26.1 "Solvita" summary voyage 26

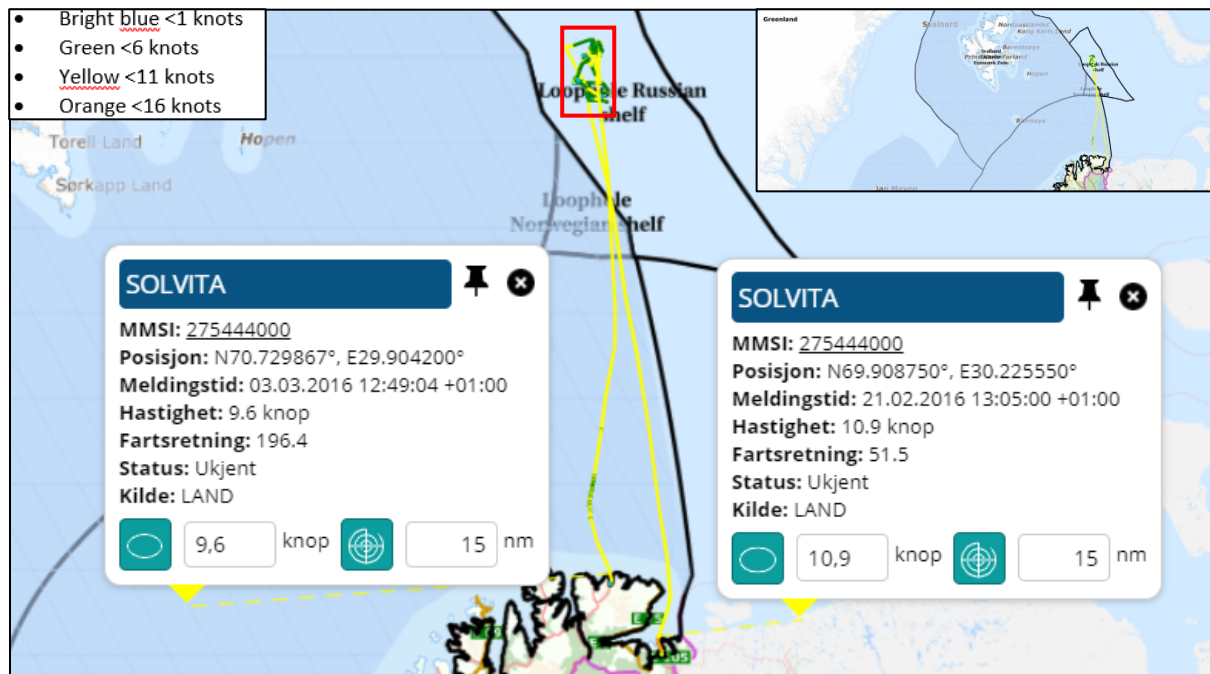
Figure 110 "Solvita" summary voyage 26

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
04.02.2016	18.02.2016	
Entered Loophole Norwegian Shelf	05.02.2016 22:10	
Left Loophole Norwegian Shelf	06.02.2016 07:52	
Time on Norwegian Shelf (days:hours:minutes)		00:09:41
Period with speed < 6 knots from	06.02.2016 04:38	
Period with speed < 6 knots to	06.02.2016 06:22	
Time with speed < 6 knots (days:hours:minutes)		00:01:44
Entered Loophole Russian Shelf	06.02.2016 07:52	
Left Loophole Russian Shelf	16.02.2016 19:08	
Time on Russian Shelf (days:hours:minutes)		10:11:16
Period with speed < 6 knots from	06.02.2016 07:52	
Period with speed < 6 knots to	16.02.2016 11:57	
Time with speed < 6 knots (days:hours:minutes)		10:04:04
Entered Loophole Norwegian Shelf	17.02.2016 04:04	
Left Loophole Norwegian Shelf	17.02.2016 04:49	
Time on Norwegian Shelf (days:hours:minutes)		00:00:45
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	1,44	
Hours on Russian Shelf < 6 knots	244,04	
Total hours < 6 knots	245,48	
Percent time on Russian Shelf < 6 knots	99,41 %	
Percent time on Norwegian Shelf < 6 knots	0,59 %	
Snow crab landed live in kg	34 325	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10506151	19.02.2016

The estimated catch of snow crab on the Norwegian continental shelf is 0,59 percent of 34 325 kilos. In this case estimated to be 201 kilos on the Norwegian Shelf in the Loop Hole.

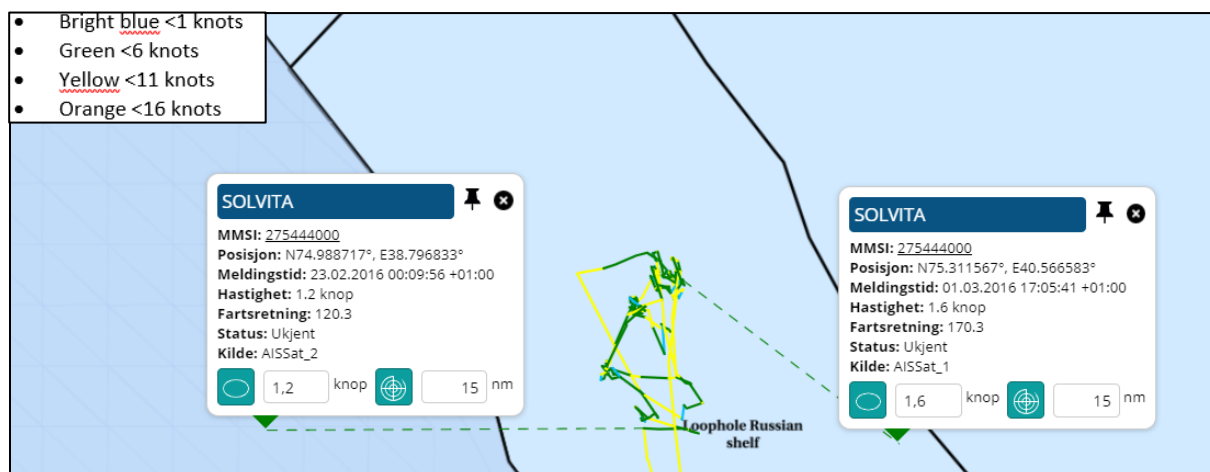
## 2.27 “Solvita” voyage 27 from February 21<sup>st</sup> to March 3<sup>rd</sup> 2016

Figure 111 “Solvita” voyage 27, overview



Voyage 27, overview. “Solvita” left Kirkenes port on February 21<sup>st</sup> 2016 and returned to Båtsfjord port on March 3<sup>rd</sup> 2016. On arrival, “Solvita” landed 27 924 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 112 “Solvita” voyage 27, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from February 23<sup>th</sup> 2016 time 00:09 until March 1<sup>st</sup> 2016 time 17:05.

## 2.27.1 "Solvita" summary voyage 27

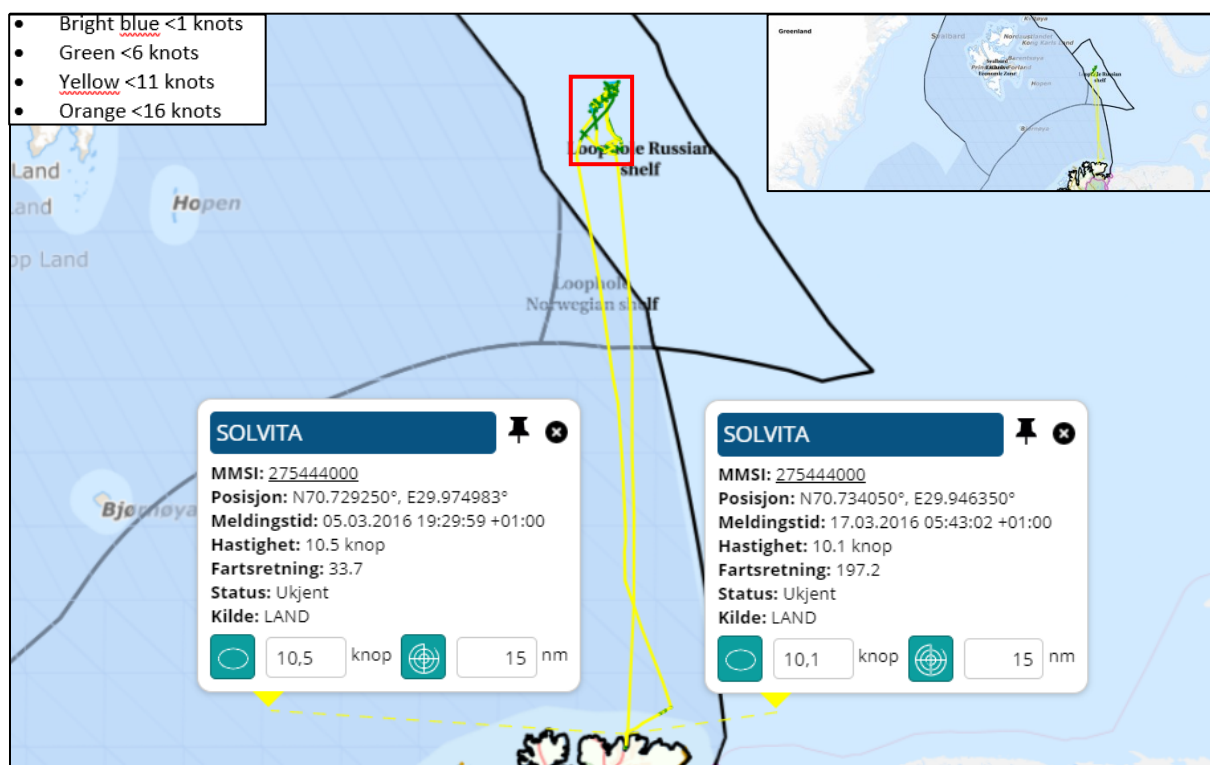
Figure 113 "Solvita" summary voyage 27

Voyage started from Kirkenes port	Voyage ended in Båtsfjord port	
21.02.2016	03.03.2016	
Entered Loophole Norwegian Shelf	22.02.2016 13:24	
Left Loophole Norwegian Shelf	22.02.2016 17:36	
Time on Norwegian Shelf (days:hours:minutes)		00:04:12
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	22.02.2016 17:36	
Left Loophole Russian Shelf	02.03.2016 05:55	
Time on Russian Shelf (days:hours:minutes)		08:12:19
Period with speed < 6 knots from	23.02.2016 00:09	
Period with speed < 6 knots to	01.03.2016 17:05	
Time with speed < 6 knots (days:hours:minutes)		07:16:55
Entered Loophole Norwegian Shelf	02.03.2016 05:55	
Left Loophole Norwegian Shelf	02.03.2016 09:09	
Time on Norwegian Shelf (days:hours:minutes)		00:03:14
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	184,55	
Total hours < 6 knots	184,55	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	27 924	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10519909	04.03.2016



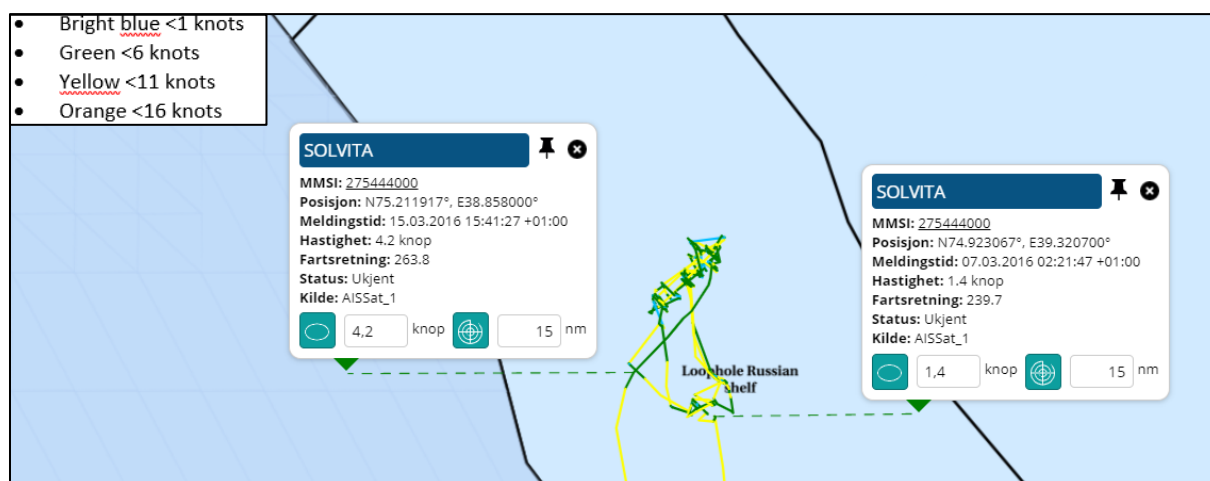
## 2.28 “Solvita” voyage 28 from March 5<sup>th</sup> to March 17<sup>th</sup> 2016

Figure 114 “Solvita” voyage 28, overview



Voyage 28, overview. “Solvita” left Båtsfjord port on March 5<sup>th</sup> 2016 and returned to Båtsfjord port on March 17<sup>th</sup> 2016. On arrival, “Solvita” landed 35 238 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 115 “Solvita” voyage 28, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from March 7<sup>th</sup> 2016 time 02:21 until March 15<sup>th</sup> 2016 time 15:41.

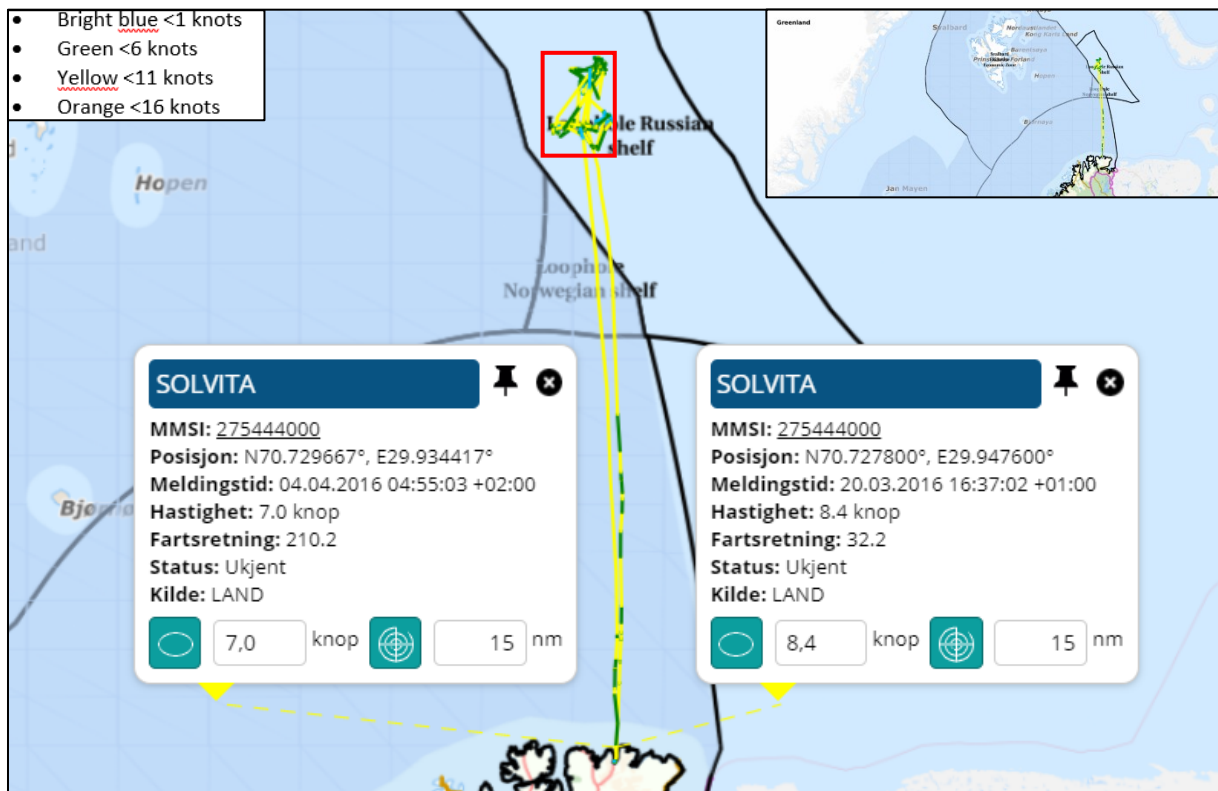
## 2.28.1 "Solvita" summary voyage 28

Figure 116 "Solvita" summary voyage 28

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
05.03.2016	17.03.2016	
Entered Loophole Norwegian Shelf	06.03.2016 16:40	
Left Loophole Norwegian Shelf	06.03.2016 19:57	
Time on Norwegian Shelf (days:hours:minutes)		00:03:17
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	06.03.2016 19:57	
Left Loophole Russian Shelf	15.03.2016 22:10	
Time on Russian Shelf (days:hours:minutes)		09:02:12
Period with speed < 6 knots from	07.03.2016 02:21	
Period with speed < 6 knots to	15.03.2016 15:41	
Time with speed < 6 knots (days:hours:minutes)		08:13:19
Entered Loophole Norwegian Shelf	15.03.2016 22:10	
Left Loophole Norwegian Shelf	16.03.2016 04:37	
Time on Norwegian Shelf (days:hours:minutes)		00:06:27
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	205,19	
Total hours < 6 knots	205,19	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	36 238	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10537114	20.03.2016

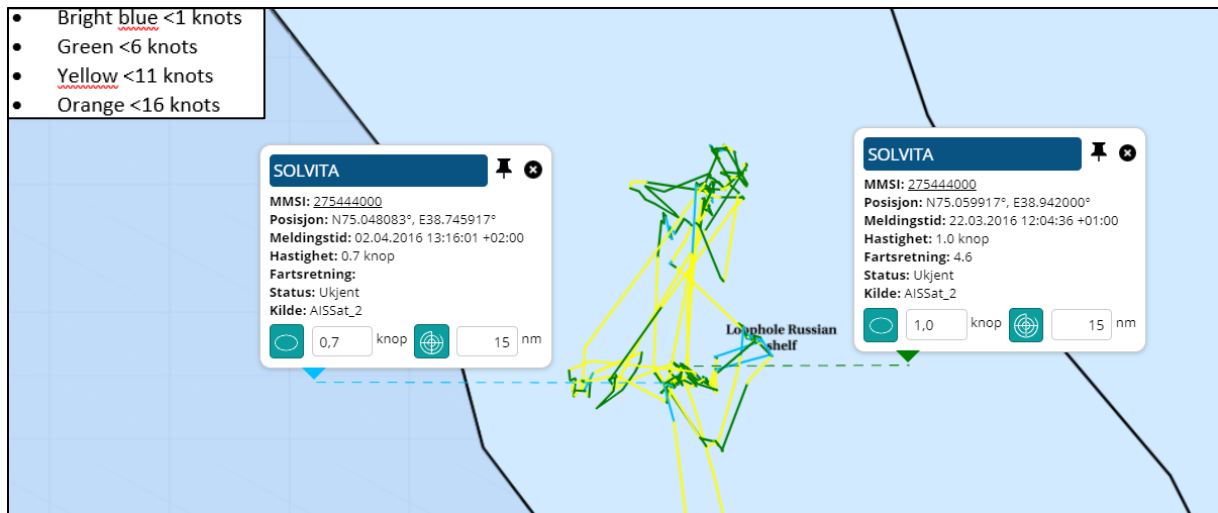
## 2.29 “Solvita” voyage 29 from March 20<sup>th</sup> to April 4<sup>th</sup> 2016

Figure 117 “Solvita” voyage 29, overview



Voyage 29, overview. “Solvita” left Båtsfjord port on March 20<sup>th</sup> 2016 and returned to Båtsfjord port on April 4<sup>th</sup> 2016. On arrival, “Solvita” landed 44 462 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 118 "Solvita" voyage 29, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. "Solvita" was speeding < 6 knots in the period from March 22<sup>nd</sup> 2016 time 12:04 until April 2<sup>nd</sup> 2016 time 13:16.

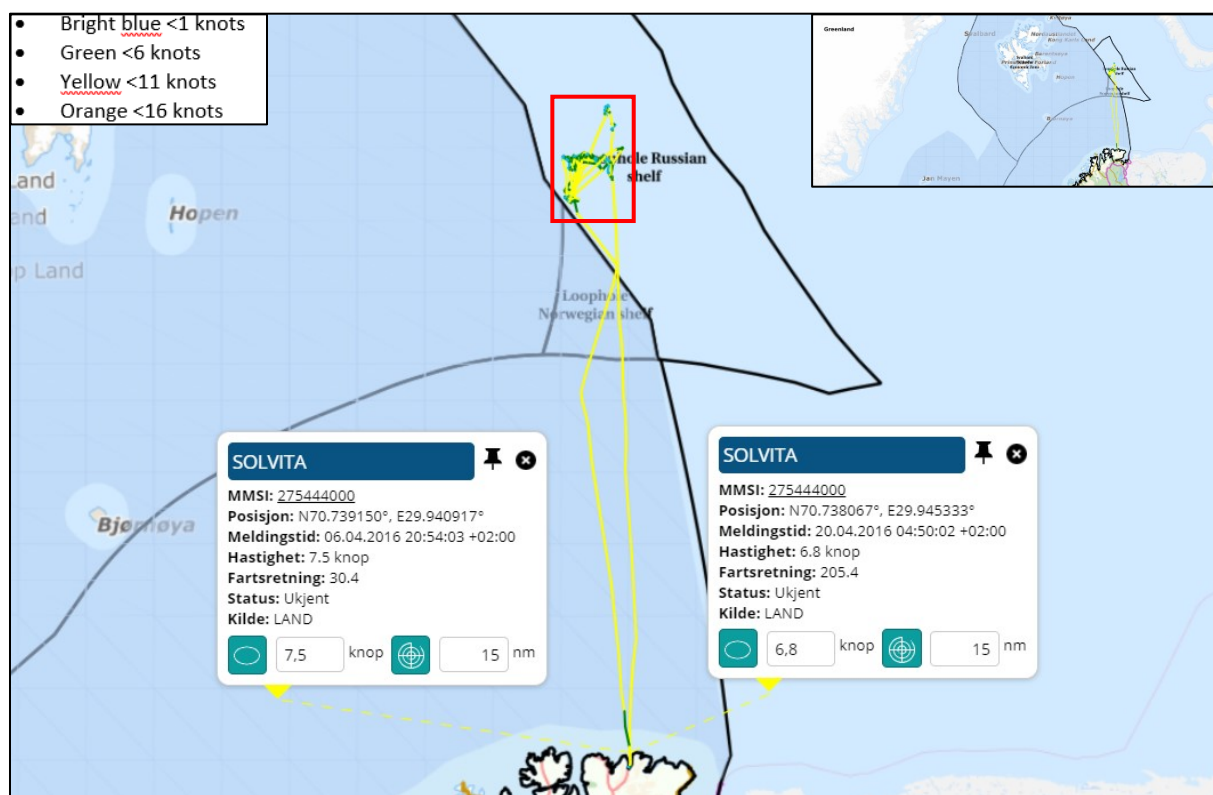
## 2.29.1 "Solvita" summary voyage 29

Figure 119 "Solvita" summary voyage 29

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
20.03.2016	04.04.2016	
Entered Loophole Norwegian Shelf	21.03.2016 23:40	
Left Loophole Norwegian Shelf	22.03.2016 04:00	
Time on Norwegian Shelf (days:hours:minutes)		00:04:20
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	22.03.2016 04:00	
Left Loophole Russian Shelf	02.04.2016 21:04	
Time on Russian Shelf (days:hours:minutes)		11:17:03
Period with speed < 6 knots from	22.03.2016 12:04	
Period with speed < 6 knots to	02.04.2016 13:16	
Time with speed < 6 knots (days:hours:minutes)		11:01:11
Entered Loophole Norwegian Shelf	02.04.2016 21:04	
Left Loophole Norwegian Shelf	03.04.2016 02:01	
Time on Norwegian Shelf (days:hours:minutes)		00:04:57
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	265,11	
Total hours < 6 knots	265,11	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	44 462	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10553053	06.04.2016

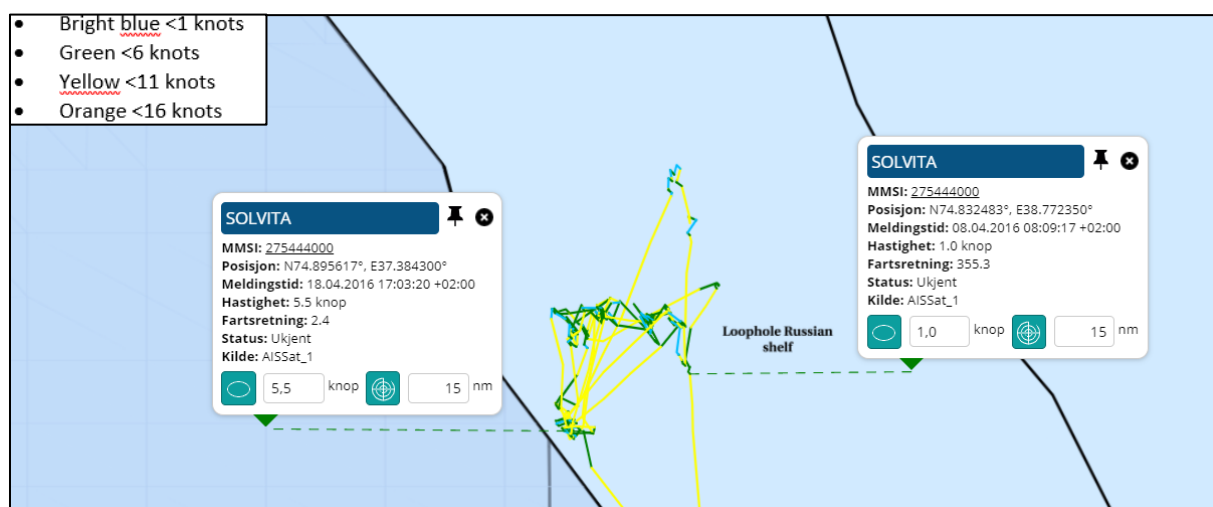
## 2.30 “Solvita” voyage 30 from April 6<sup>st</sup> to April 20<sup>th</sup> 2016

Figure 120 “Solvita” voyage 30, overview



Voyage 30, overview. “Solvita” left Båtsfjord port on April 6<sup>th</sup> 2016 and returned to Båtsfjord port on April 20<sup>th</sup> 2016. On arrival, “Solvita” landed 42 263 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 121 “Solvita” voyage 30, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from April 8<sup>th</sup> 2016 time 08:09 until April 18<sup>th</sup> 2016 time 17:03.

## 2.30.1 "Solvita" summary voyage 30

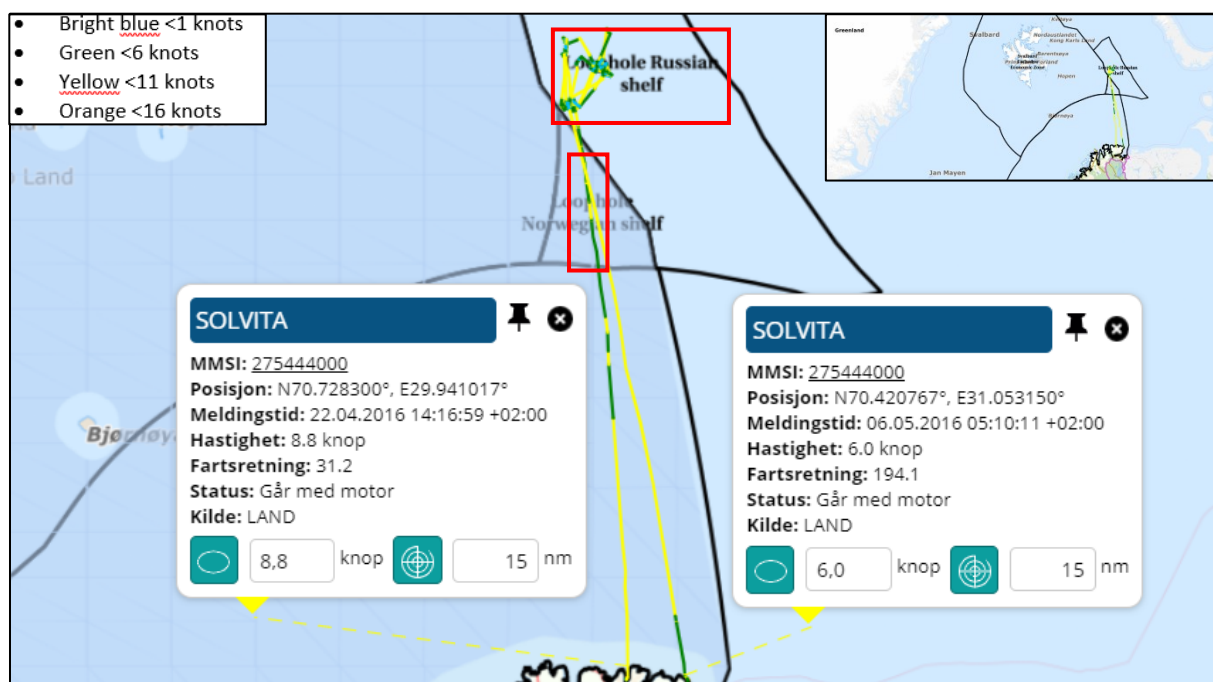
Figure 122 "Solvita" summary voyage 30

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
06.04.2016	20.04.2016	
Entered Loophole Norwegian Shelf	07.04.2016 20:52	
Left Loophole Norwegian Shelf	08.04.2016 02:10	
Time on Norwegian Shelf (days:hours:minutes)		00:05:17
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	08.04.2016 02:10	
Left Loophole Russian Shelf	18.04.2016 23:07	
Time on Russian Shelf (days:hours:minutes)		10:20:56
Period with speed < 6 knots from	08.04.2016 08:09	
Period with speed < 6 knots to	18.04.2016 17:03	
Time with speed < 6 knots (days:hours:minutes)		10:08:54
Entered Loophole Norwegian Shelf	18.04.2016 23:07	
Left Loophole Norwegian Shelf	19.04.2016 03:54	
Time on Norwegian Shelf (days:hours:minutes)		00:04:47
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	248,54	
Total hours < 6 knots	248,54	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	42 263	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10563777	22.04.2016



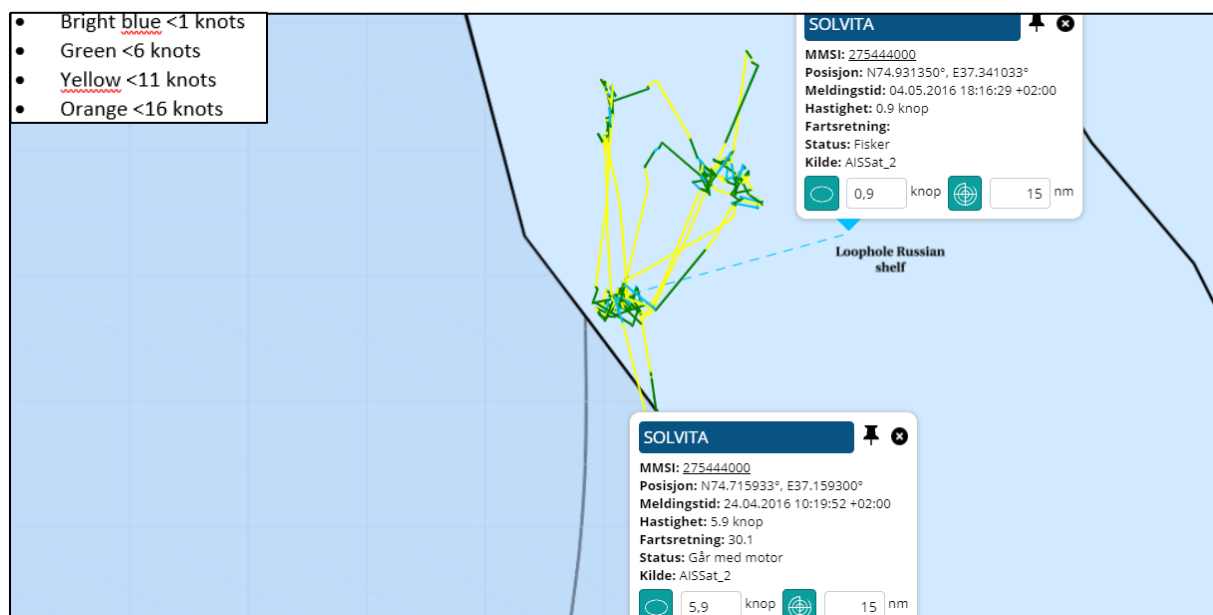
## 2.31 “Solvita” voyage 31 from April 22<sup>nd</sup> to May 6<sup>th</sup> 2016

Figure 123 “Solvita” voyage 31, overview



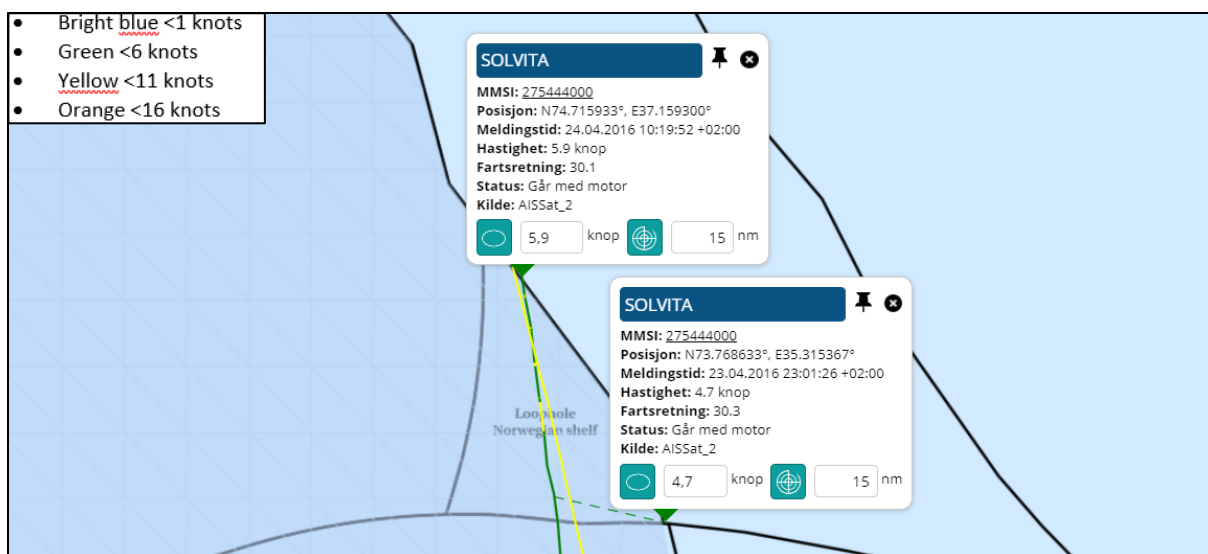
Voyage 31, overview. “Solvita” left Båtsfjord port on April 6<sup>th</sup> 2016 and returned to Vardø port on April 20<sup>th</sup> 2016. On arrival, “Solvita” landed 34 973 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound. The green color of the track indicates that “Solvita” was sailing with speed < 6 knots in given periods on the Norwegian continental shelf.

Figure 124 “Solvita” voyage 31, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from April 24<sup>th</sup> 2016 time 10:19 until May 4<sup>th</sup> 2016 time 18:16.

Figure 125 "Solvita" voyage 31, < 6 knots on the Norwegian continental shelf



Norwegian continental shelf of the Loophole. "Solvita" was speeding < 6 knots in the period from April 23<sup>th</sup> 2016 time 23:01 until April 24<sup>th</sup> 2016 time 10:19. "Solvita" was sailing from the Norwegian EEZ to the Russian continental shelf in the Loop Hole with speed < 6 knots.

The distance and time between the AIS-positions shows that "Saldus" unlikely have been involved in harvesting snow crab during this period.

Figure 126 "Solvita" voyage 31, < 6 knots AIS-positions on the Norwegian continental shelf

Skip	Mmsi	IMO	Callsign	Message time	Lon	Lat	Speed	Source
SOLVITA	275444000	8721765	YL2843	23.04.2016 23:01	35,315367	73,768633	4,70	AISSat_2
SOLVITA	275444000	8721765	YL2843	24.04.2016 10:19	37,1593	74,715933	5,90	AISSat_2

The table above shows time, position, and speed for the AIS-positions on the Norwegian continental shelf.

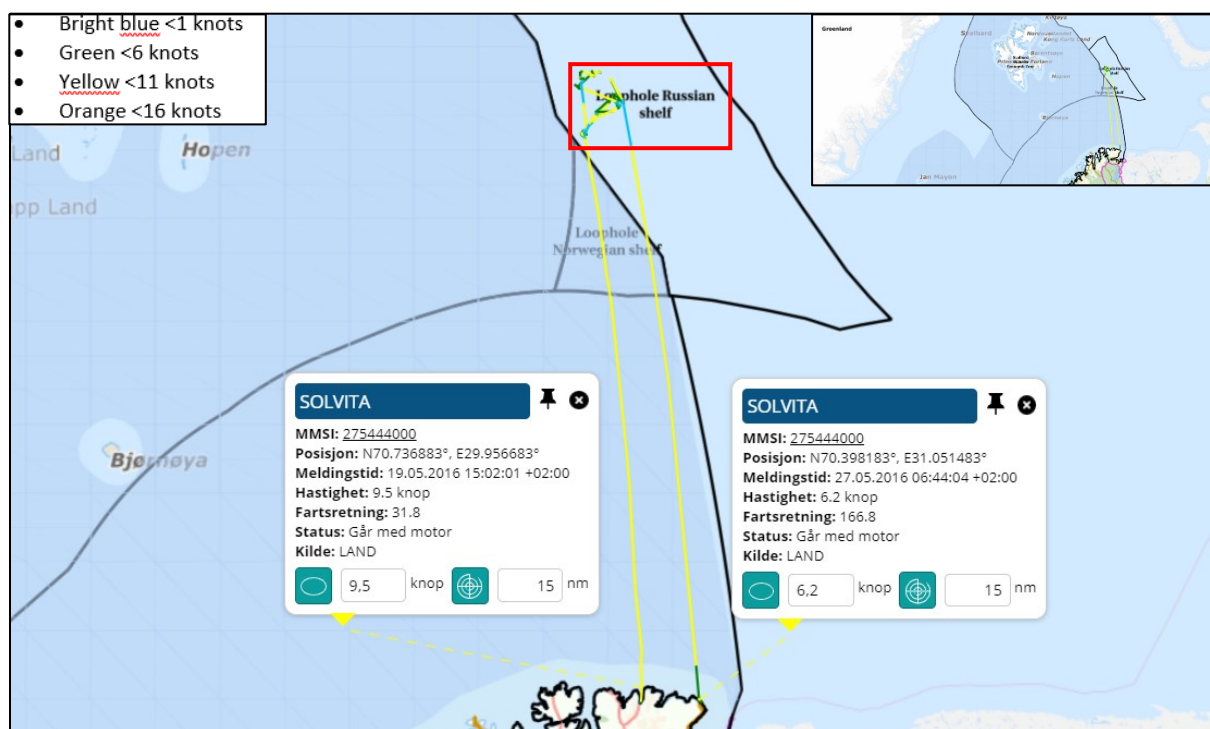
## 2.31.1 "Solvita" summary voyage 31

Figure 127 "Solvita" summary voyage 31

Voyage started from Båtsfjord port	Voyage ended in Vardø port	
22.04.2016	06.05.2016	
Entered Loophole Norwegian Shelf	23.04.2016 23:01	
Left Loophole Norwegian Shelf	24.04.2016 10:19	
Time on Norwegian Shelf (days:hours:minutes)		00:11:18
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	24.04.2016 10:19	
Left Loophole Russian Shelf	04.05.2016 22:43	
Time on Russian Shelf (days:hours:minutes)		10:12:23
Period with speed < 6 knots from	24.04.2016 10:19	
Period with speed < 6 knots to	04.05.2016 18:16	
Time with speed < 6 knots (days:hours:minutes)		10:07:56
Entered Loophole Norwegian Shelf	04.05.2016 22:43	
Left Loophole Norwegian Shelf	05.05.2016 03:59	
Time on Norwegian Shelf (days:hours:minutes)		00:05:15
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	247,56	
Total hours < 6 knots	247,56	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	34 973	
Factory (crab receiver)	ARCTIC CATCH AS	
Landingnote number and date	10570052	09.05.2016

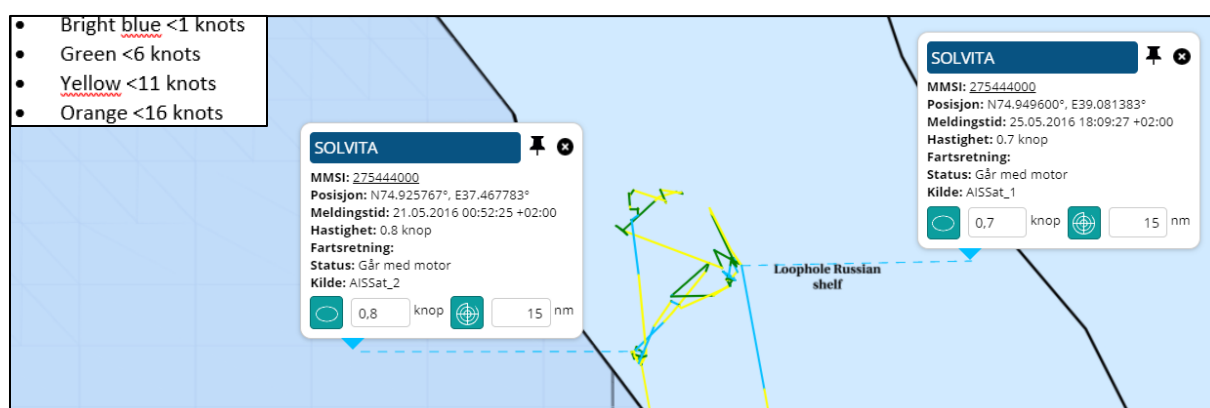
## 2.32 “Solvita” voyage 32 from May 19<sup>th</sup> to May 27<sup>nd</sup> 2016

Figure 128 “Solvita” voyage 32, overview



Voyage 32, overview. “Solvita” left Båtsfjord port on May 19<sup>th</sup> 2016 and returned to Vardø port on May 27<sup>th</sup> 2016. On arrival, “Solvita” landed 36 883 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 129 “Solvita” voyage 32, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from May 21<sup>st</sup> 2016 time 00:52 until May 25<sup>th</sup> 2016 time 18:09.

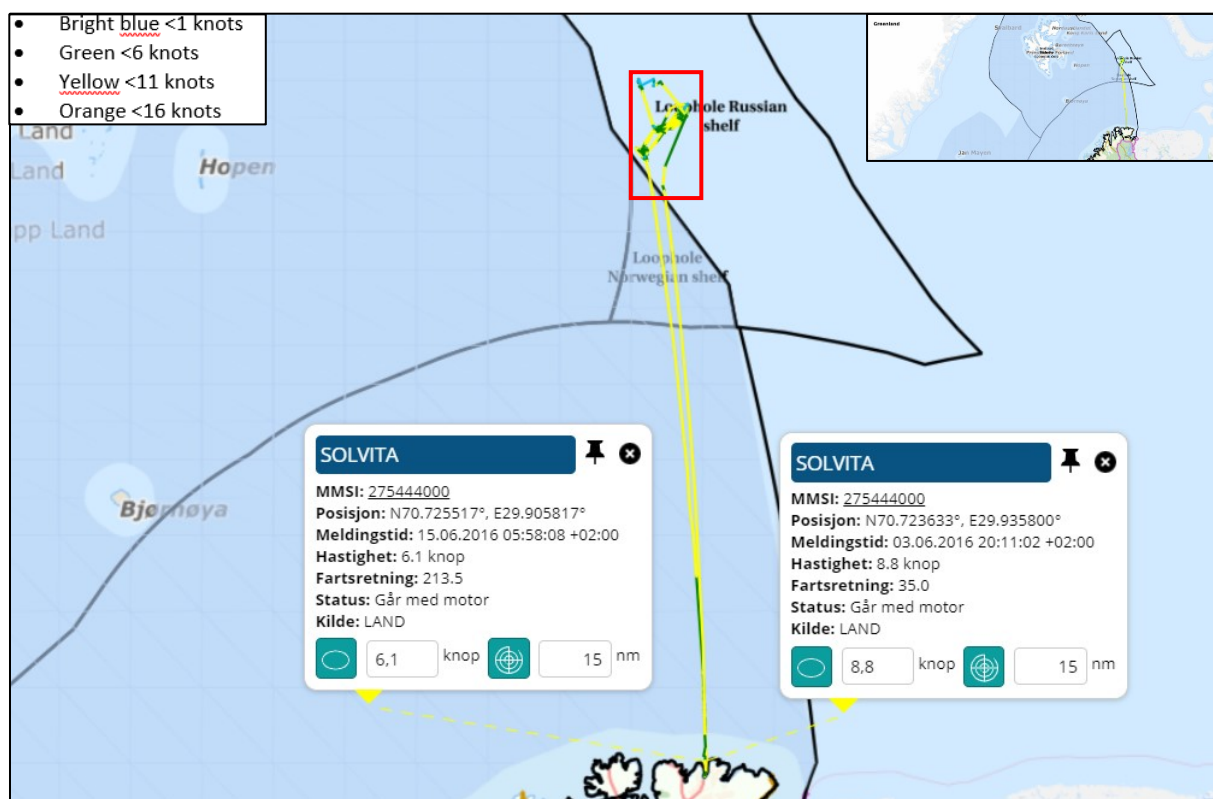
## 2.32.1 "Solvita" summary voyage 32

Figure 130 "Solvita" summary voyage 32

Voyage started from Båtsfjord port	Voyage ended in Vardø port	
19.05.2016	27.05.2016	
Entered Loophole Norwegian Shelf	20.05.2016 13:29	
Left Loophole Norwegian Shelf	20.05.2016 23:15	
Time on Norwegian Shelf (days:hours:minutes)		00:09:45
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	20.05.2016 23:15	
Left Loophole Russian Shelf	26.05.2016 03:52	
Time on Russian Shelf (days:hours:minutes)		05:04:37
Period with speed < 6 knots from	21.05.2016 00:52	
Period with speed < 6 knots to	25.05.2016 18:09	
Time with speed < 6 knots (days:hours:minutes)		04:17:17
Entered Loophole Norwegian Shelf	26.05.2016 03:52	
Left Loophole Norwegian Shelf	26.05.2016 08:47	
Time on Norwegian Shelf (days:hours:minutes)		00:04:55
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	113,17	
Total hours < 6 knots	113,17	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	36 883	
Factory (crab receiver)	ARCTIC CATCH AS	
Landingnote number and date	10574618	29.05.2016

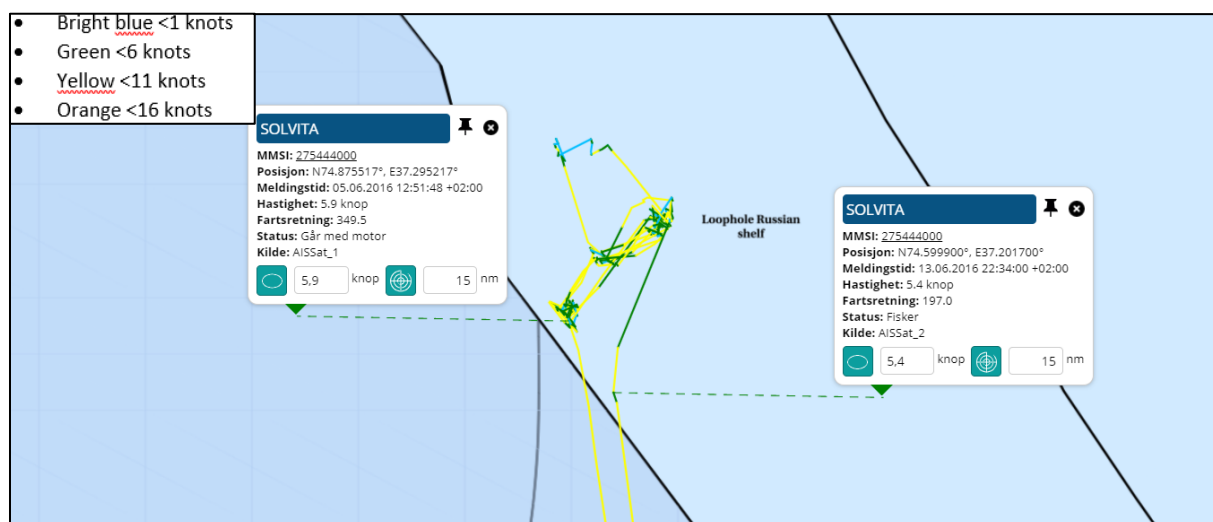
## 2.33 “Solvita” voyage 33 from June 3<sup>rd</sup> to June 15<sup>th</sup> 2016

Figure 131 “Solvita” voyage 33, overview



Voyage 33, overview. “Solvita” left Båtsfjord port on June 3<sup>th</sup> 2016 and returned to Båtsfjord port on June 15<sup>th</sup> 2016. On arrival, “Solvita” landed 32 289 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 132 “Solvita” voyage 33, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. "Solvita" was speeding < 6 knots in the period from June 5<sup>th</sup> 2016 time 12:51 until June 13<sup>th</sup> 2016 time 22:34.

### 2.33.1 "Solvita" summary voyage 33

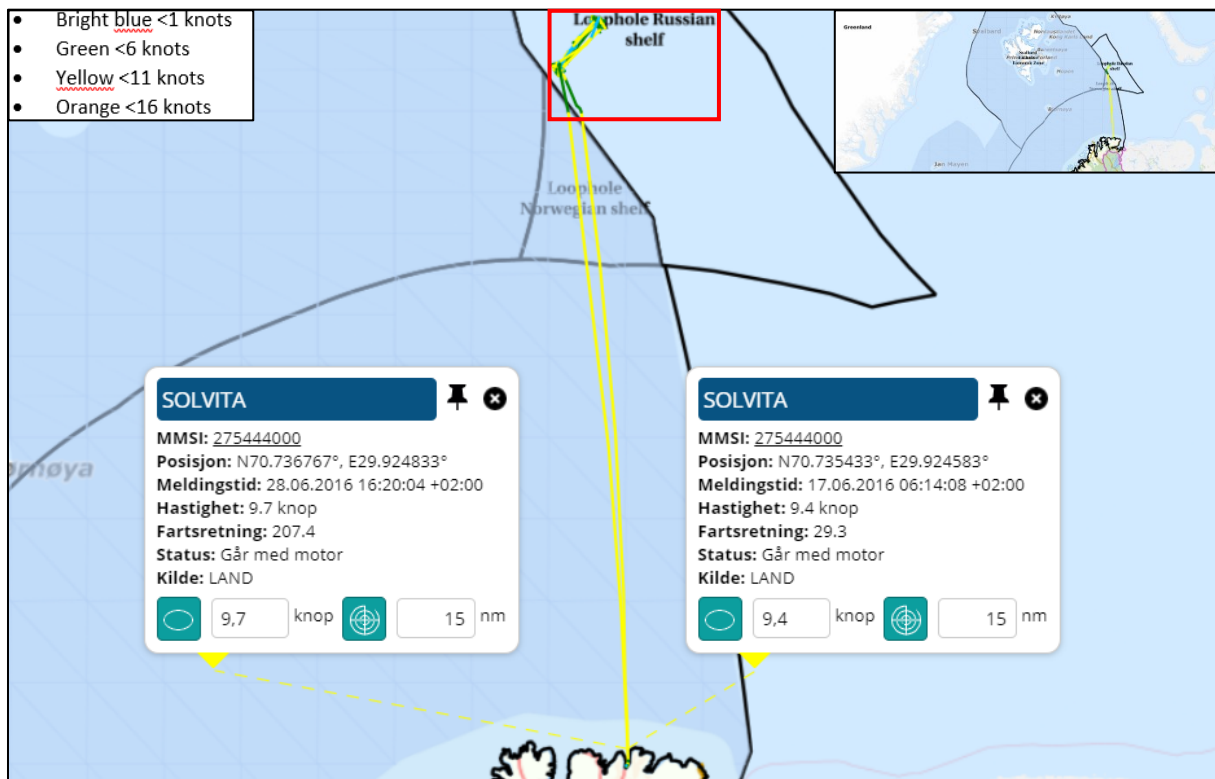
Figure 133 "Solvita" summary voyage 33

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
03.06.2016	15.06.2016	
Entered Loophole Norwegian Shelf	05.06.2016 02:14	
Left Loophole Norwegian Shelf	05.06.2016 11:12	
Time on Norwegian Shelf (days:hours:minutes)		00:08:58
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	05.06.2016 11:12	
Left Loophole Russian Shelf	14.06.2016 01:47	
Time on Russian Shelf (days:hours:minutes)		08:14:34
Period with speed < 6 knots from	05.06.2016 12:51	
Period with speed < 6 knots to	13.06.2016 22:34	
Time with speed < 6 knots (days:hours:minutes)		08:09:42
Entered Loophole Norwegian Shelf	14.06.2016 01:47	
Left Loophole Norwegian Shelf	14.06.2016 05:21	
Time on Norwegian Shelf (days:hours:minutes)		00:03:34
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	201,42	
Total hours < 6 knots	201,42	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	32 289	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10579468	16.06.2016



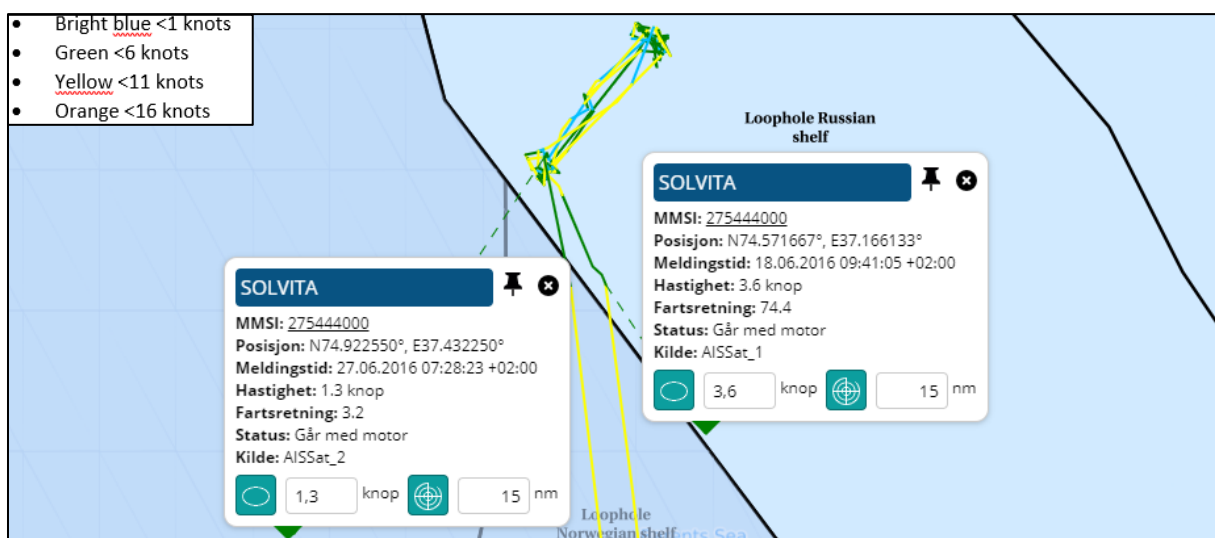
## 2.34 “Solvita” voyage 34 from June 17<sup>th</sup> to June 28<sup>th</sup> 2016

Figure 134 “Solvita” voyage 34, overview



Voyage 34, overview. “Solvita” left Båtsfjord port on June 17<sup>th</sup> 2016 and returned to Båtsfjord port on June 28<sup>th</sup> 2016. On arrival, “Solvita” landed 35 129 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 135 “Solvita” voyage 34, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from June 18<sup>th</sup> 2016 time 09:41 until June 27<sup>th</sup> 2016 time 07:28.

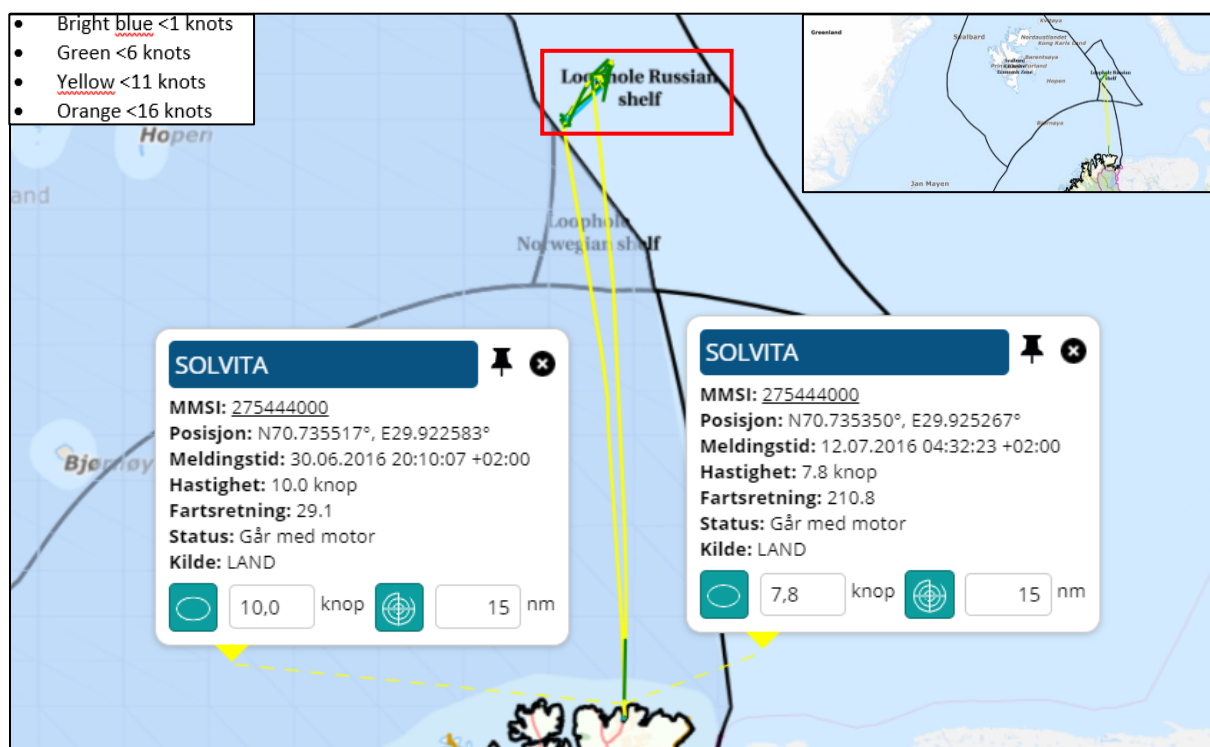
## 2.34.1 "Solvita" summary voyage 34

Figure 136 "Solvita" summary voyage 34

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
17.06.2016	28.06.2016	
Entered Loophole Norwegian Shelf	18.06.2016 03:00	
Left Loophole Norwegian Shelf	18.06.2016 09:28	
Time on Norwegian Shelf (days:hours:minutes)		00:06:28
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	18.06.2016 09:28	
Left Loophole Russian Shelf	27.06.2016 10:15	
Time on Russian Shelf (days:hours:minutes)		09:00:46
Period with speed < 6 knots from	18.06.2016 09:41	
Period with speed < 6 knots to	27.06.2016 07:28	
Time with speed < 6 knots (days:hours:minutes)		08:21:47
Entered Loophole Norwegian Shelf	27.06.2016 10:15	
Left Loophole Norwegian Shelf	28.06.2016 01:14	
Time on Norwegian Shelf (days:hours:minutes)		00:14:58
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	219,47	
Total hours < 6 knots	219,47	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	35 129	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10582440	30.06.2016

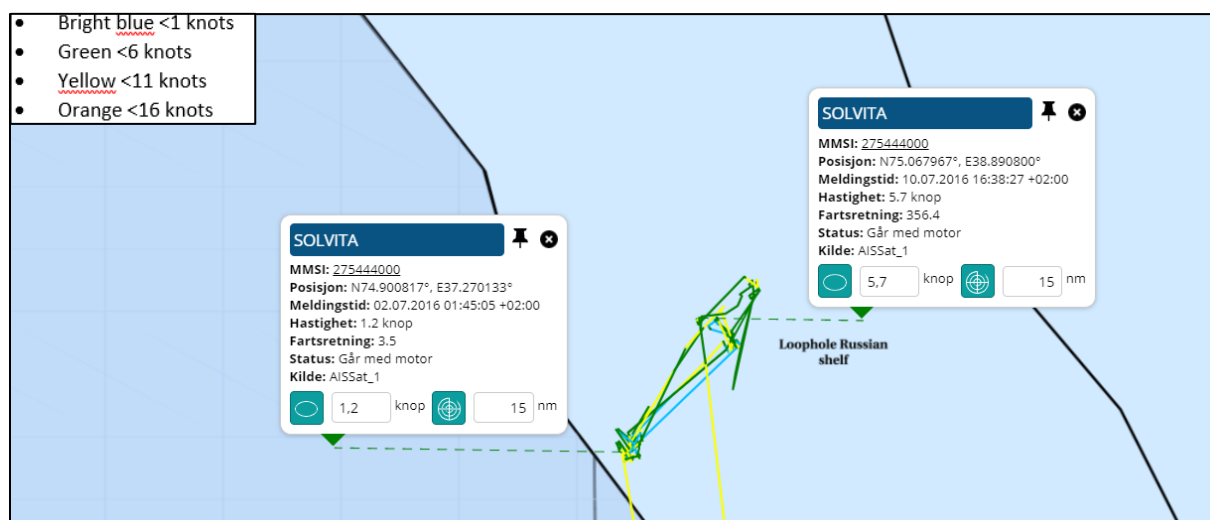
## 2.35 “Solvita” voyage 35 from June 30<sup>th</sup> to July 12<sup>th</sup> 2016

Figure 137 “Solvita” voyage 35, overview



Voyage 35, overview. “Solvita” left Båtsfjord port on June 30<sup>th</sup> 2016 and returned to Båtsfjord port on July 12<sup>th</sup> 2016. On arrival, “Solvita” landed 33 987 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 138 “Solvita” voyage 35, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from July 2<sup>nd</sup> 2016 time 16:38 until July 10<sup>th</sup> 2016 time 01:45.

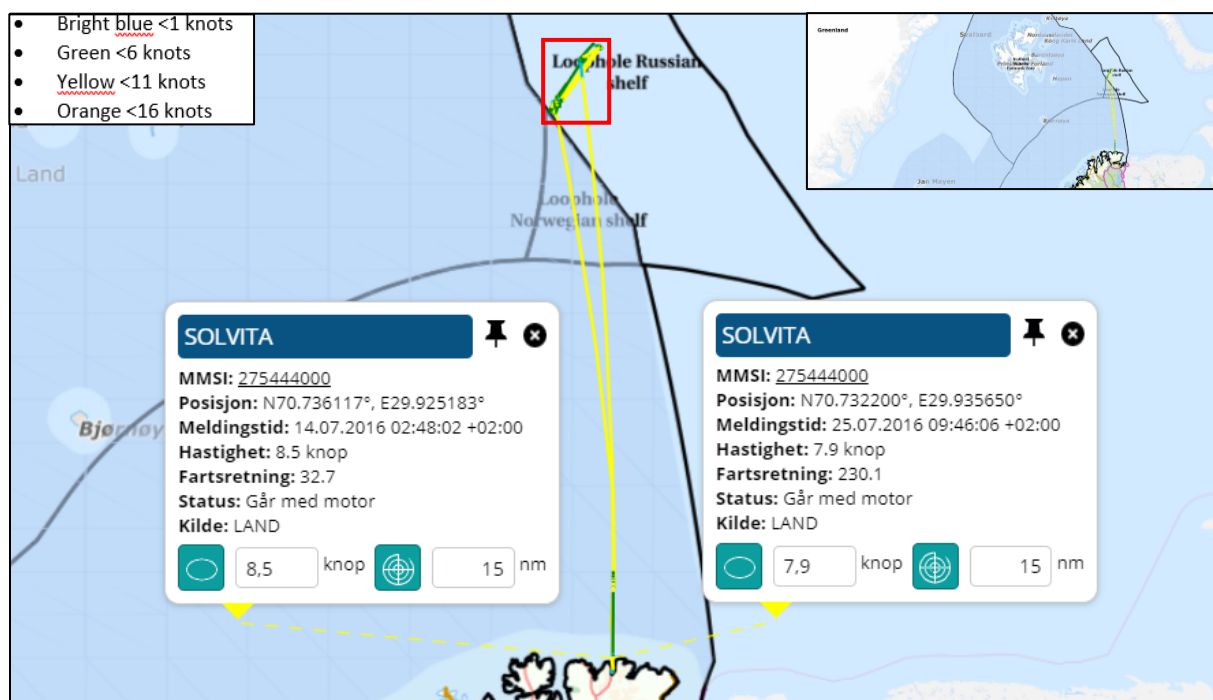
## 2.35.1 "Solvita" summary voyage 35

Figure 139 "Solvita" summary voyage 35

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
30.06.2016	12.07.2016	
Entered Loophole Norwegian Shelf		
Left Loophole Norwegian Shelf		
Time on Norwegian Shelf (days:hours:minutes)		00:00:00
	Mangler AIS	
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	02.07.2016 00:52	
Left Loophole Russian Shelf	11.07.2016 02:22	
Time on Russian Shelf (days:hours:minutes)		09:01:30
Period with speed < 6 knots from	02.07.2016 01:45	
Period with speed < 6 knots to	10.07.2016 16:38	
Time with speed < 6 knots (days:hours:minutes)		08:14:53
Entered Loophole Norwegian Shelf	11.07.2016 02:22	
Left Loophole Norwegian Shelf	11.07.2016 16:37	
Time on Norwegian Shelf (days:hours:minutes)		00:14:14
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	206,53	
Total hours < 6 knots	206,53	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	33 987	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10584971	13.07.2016

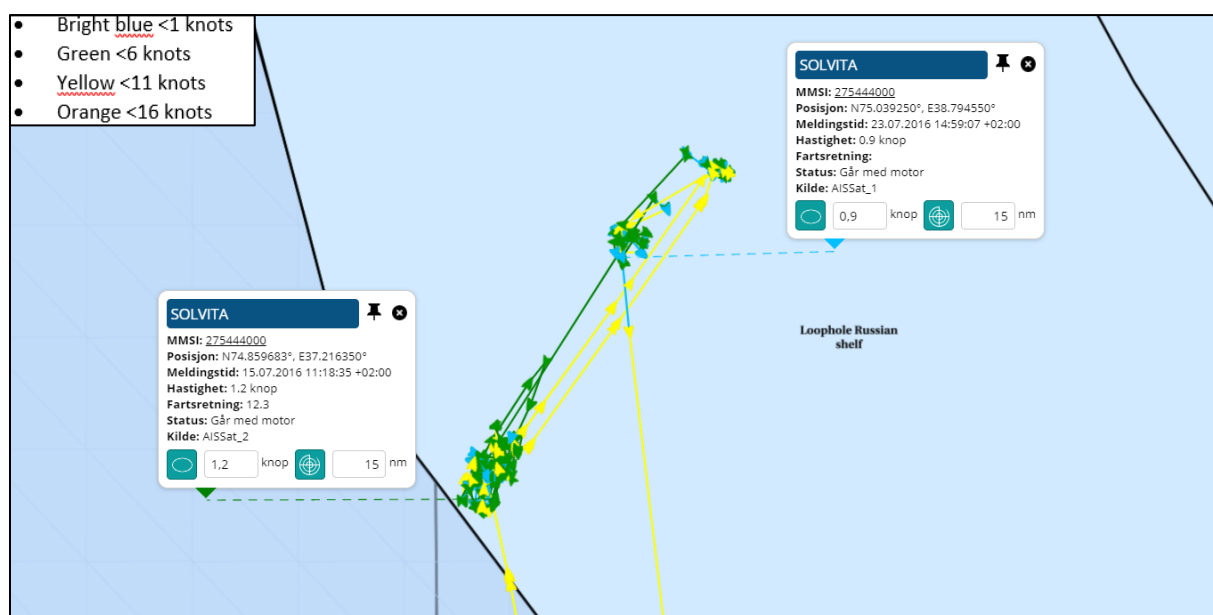
## 2.36 “Solvita” voyage 36 from July 14<sup>th</sup> to July 25<sup>th</sup> 2016

Figure 140 “Solvita” voyage 36, overview



Voyage 36, overview. “Solvita” left Båtsfjord port on July 14<sup>th</sup> 2016 and returned to Båtsfjord port on July 25<sup>th</sup> 2016. On arrival, “Solvita” landed 40 160 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 141 “Solvita” voyage 36, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from July 15<sup>th</sup> 2016 time 11:18 until July 23<sup>rd</sup> 2016 time 14:59.

## 2.36.1 "Solvita" summary voyage 36

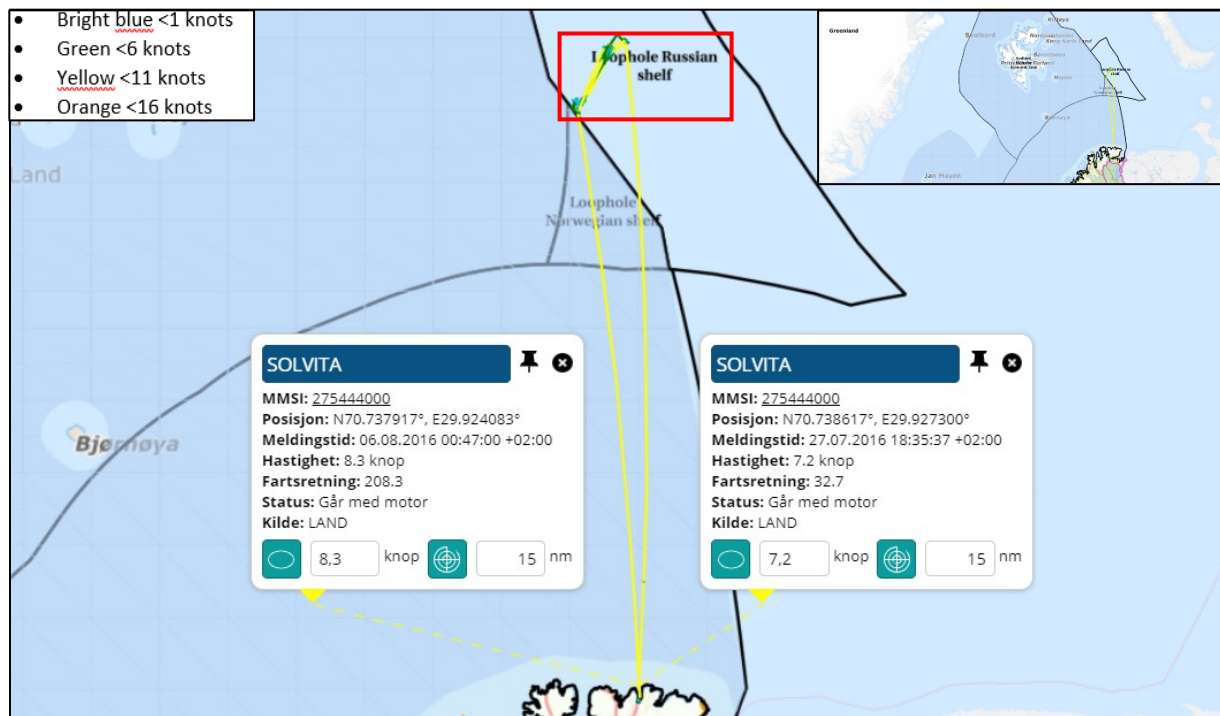
Figure 142 "Solvita" summary voyage 36

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
14.07.2016	25.07.2016	
Entered Loophole Norwegian Shelf		
Left Loophole Norwegian Shelf		
Time on Norwegian Shelf (days:hours:minutes)		00:00:00
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf		
Left Loophole Russian Shelf		
Time on Russian Shelf (days:hours:minutes)		00:00:00
Period with speed < 6 knots from	15.07.2016 11:18	
Period with speed < 6 knots to	23.07.2016 14:59	
Time with speed < 6 knots (days:hours:minutes)		08:03:40
Entered Loophole Norwegian Shelf		
Left Loophole Norwegian Shelf		
Time on Norwegian Shelf (days:hours:minutes)		00:00:00
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	195,4	
Total hours < 6 knots	195,4	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	40 160	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10587548	27.07.2016



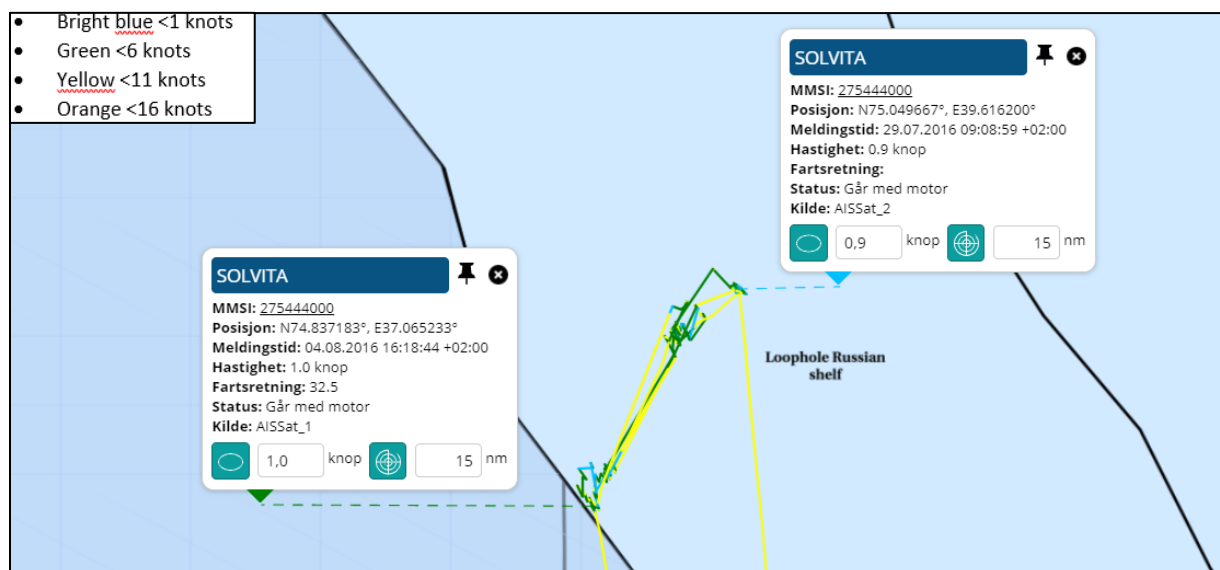
## 2.37 “Solvita” voyage 37 from July 27<sup>nd</sup> to August 6<sup>st</sup> 2016

Figure 143 “Solvita” voyage 37, overview



Voyage 37, overview. “Solvita” left Båtsfjord port on July 27<sup>th</sup> 2016 and returned to Båtsfjord port on August 6<sup>th</sup> 2016. On arrival, “Solvita” landed 35 368 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 144 “Solvita” voyage 37, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from July 29<sup>th</sup> 2016 time 09:08 until August 4<sup>th</sup> 2016 time 16:18.



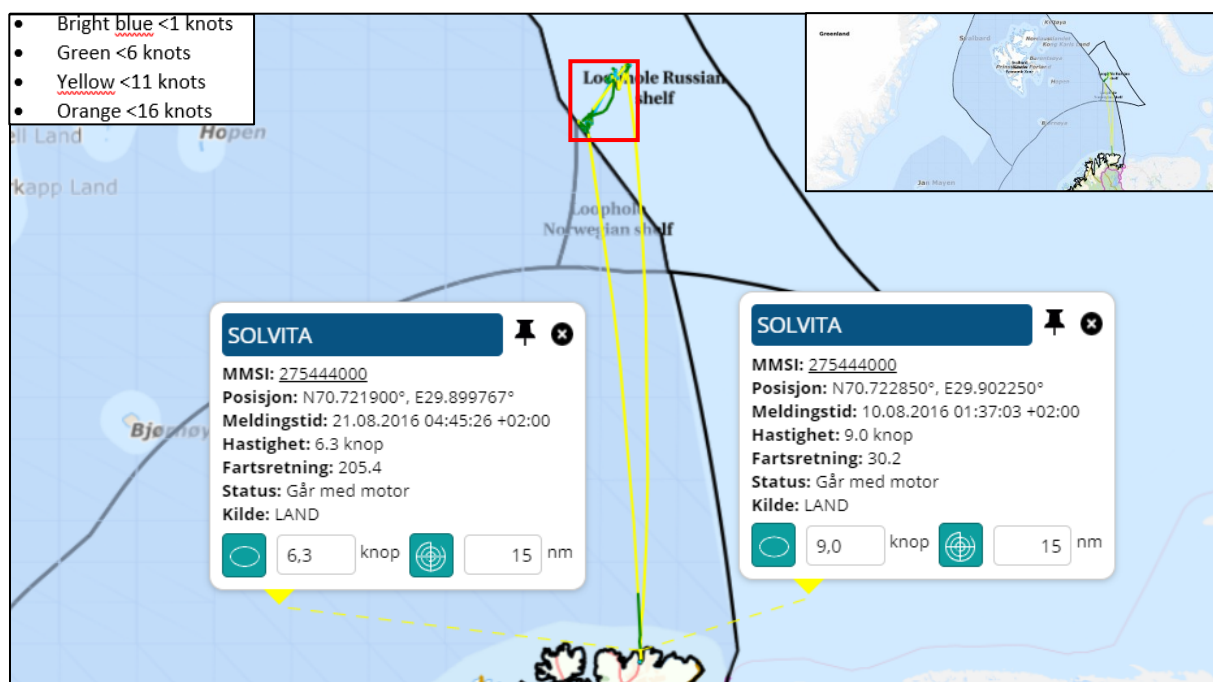
## 2.37.1 "Solvita" summary voyage 37

Figure 145 "Solvita" summary voyage 37

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
27.07.2016	06.08.2016	
Entered Loophole Norwegian Shelf	28.07.2016 21:09	
Left Loophole Norwegian Shelf	29.07.2016 00:19	
Time on Norwegian Shelf (days:hours:minutes)		00:03:09
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	29.07.2016 00:19	
Left Loophole Russian Shelf	04.08.2016 17:55	
Time on Russian Shelf (days:hours:minutes)		06:17:36
Period with speed < 6 knots from	29.07.2016 09:08	
Period with speed < 6 knots to	04.08.2016 16:18	
Time with speed < 6 knots (days:hours:minutes)		06:07:09
Entered Loophole Norwegian Shelf	04.08.2016 17:55	
Left Loophole Norwegian Shelf	05.08.2016 02:05	
Time on Norwegian Shelf (days:hours:minutes)		00:08:09
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	151,09	
Total hours < 6 knots	151,09	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	35 368	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10590623	07.08.2016

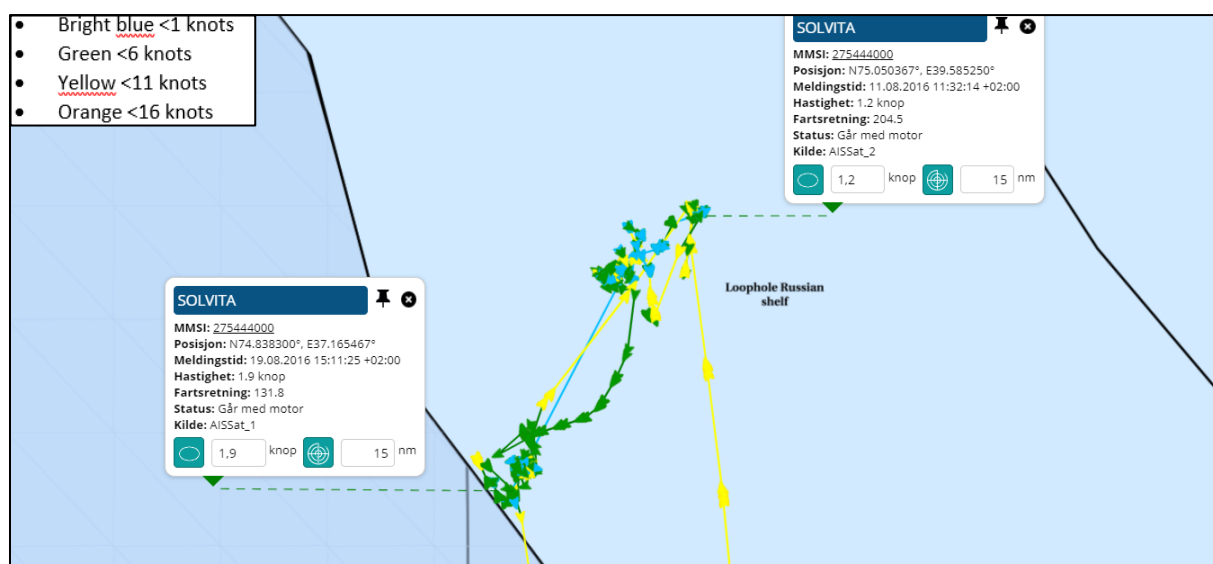
## 2.38 “Solvita” voyage 38 from August 10<sup>th</sup> to August 21<sup>st</sup> 2016

Figure 146 “Solvita” voyage 38, overview



Voyage 38, overview. “Solvita” left Båtsfjord port on August 10<sup>th</sup> 2016 and returned to Båtsfjord port on August 21<sup>st</sup> 2016. On arrival, “Solvita” landed 41 673 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 147 “Solvita” voyage 38, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding less than 6 knots in the period from August 11<sup>th</sup> 2016 time 11:32 until August 19<sup>th</sup> 2016 time 15:11.

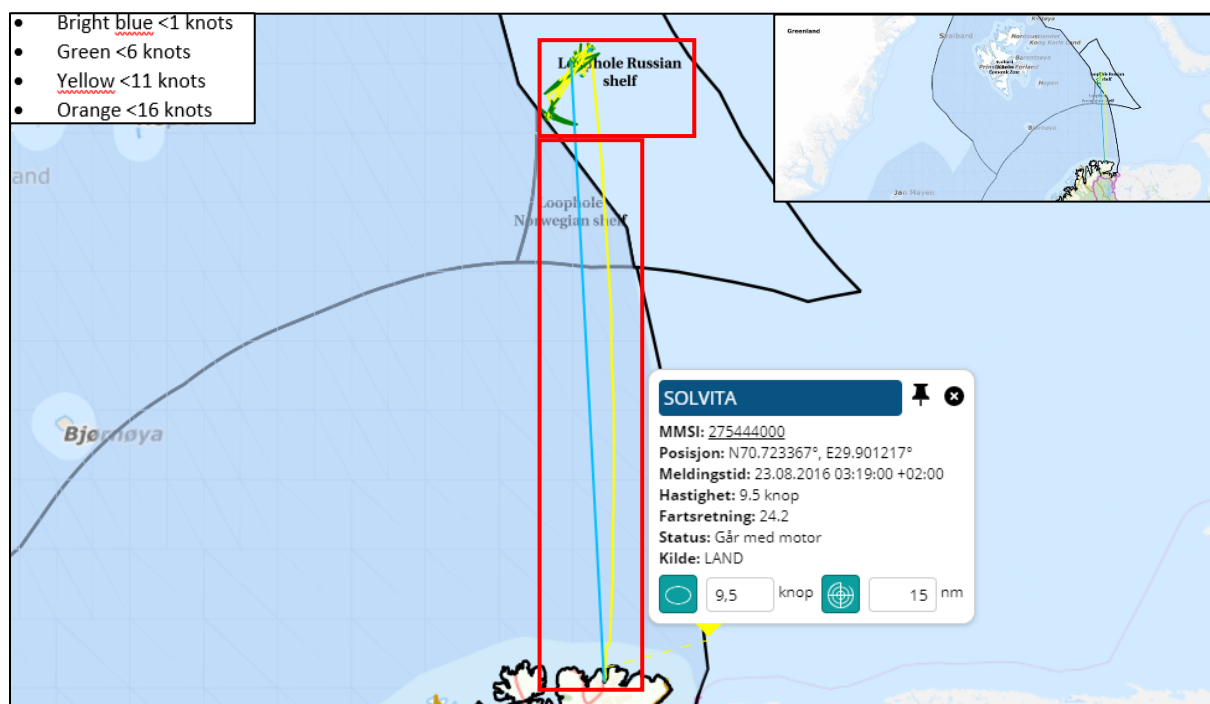
## 2.38.1 "Solvita" summary voyage 38

Figure 148 "Solvita" summary voyage 38

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
10.08.2016	21.08.2016	
Entered Loophole Norwegian Shelf	11.08.2016 00:13	
Left Loophole Norwegian Shelf	11.08.2016 03:24	
Time on Norwegian Shelf (days:hours:minutes)		00:03:11
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	11.08.2016 03:24	
Left Loophole Russian Shelf	20.08.2016 04:07	
Time on Russian Shelf (days:hours:minutes)		09:00:42
Period with speed < 6 knots from	11.08.2016 11:32	
Period with speed < 6 knots to	19.08.2016 15:11	
Time with speed < 6.knots (days:hours:minutes)		08:03:39
Entered Loophole Norwegian Shelf		
Left Loophole Norwegian Shelf		
Time on Norwegian Shelf (days:hours:minutes)	NO AIS-POSITIONS	00:00:00
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	195,39	
Total hours < 6 knots	195,39	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	41 673	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10595727	22.08.2016

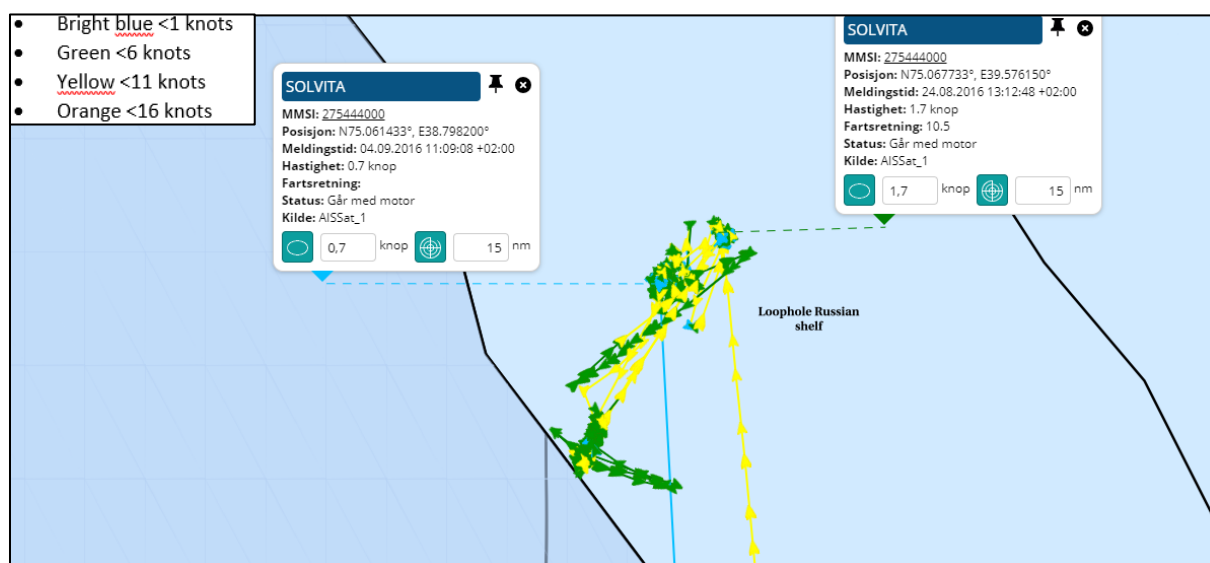
## 2.39 “Solvita” voyage 39 from August 23<sup>rd</sup> to September 6<sup>st</sup> 2016

Figure 149 “Solvita” voyage 39, overview



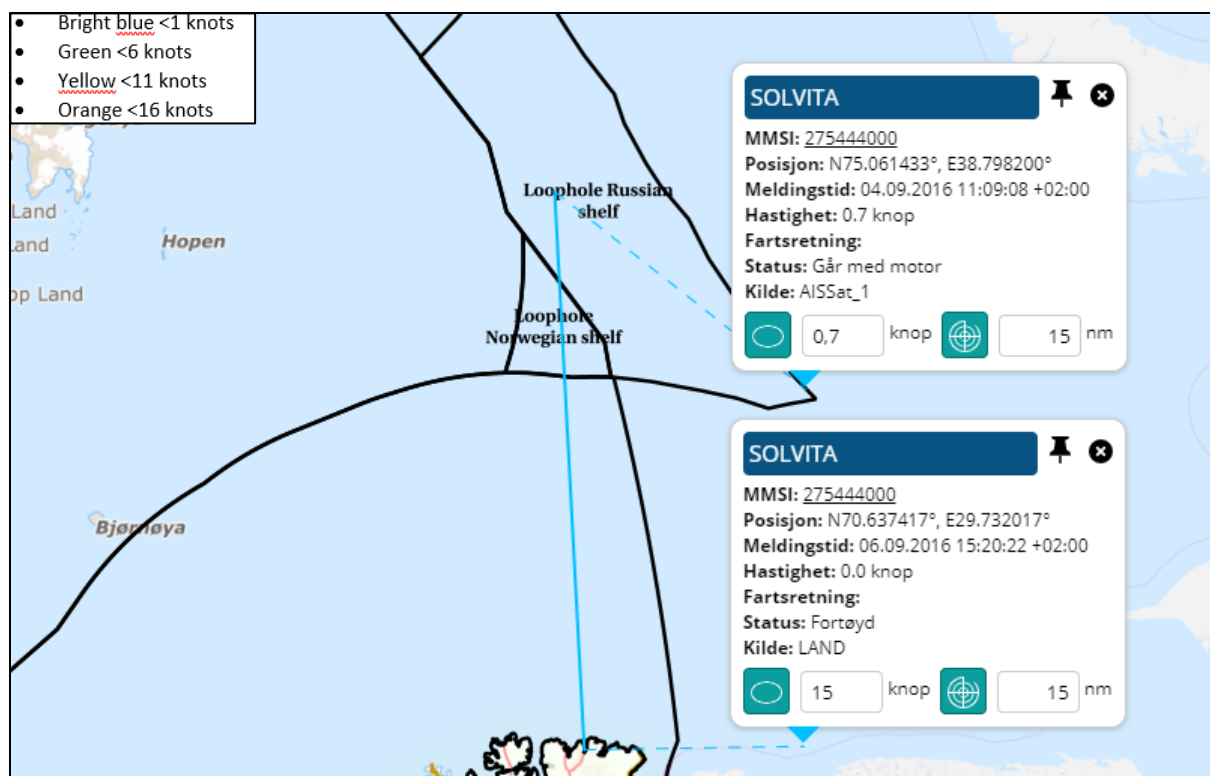
Voyage 39, overview. “Solvita” left Båtsfjord port on August 23<sup>rd</sup> 2016 and arrived Båtsfjord port before September 6<sup>th</sup> 2016. On arrival, “Solvita” landed 42 592 kilos live snow crab. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound. The blue color of the track indicates that “Solvita” was sailing with speed < 1 knot from the Russian continental shelf and southbound to Båtsfjord port. This may have been due to mechanical, electrical or other difficulties with the AIS transponder on the vessel.

Figure 150 “Solvita” voyage 39, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from August 24<sup>th</sup> 2016 time 13:12 until after September 4<sup>th</sup> 2016 time 11:09.

Figure 151 "Solvita" voyage 39, period without AIS-positions



In the period from September 4<sup>th</sup> time 11:09 until September 6<sup>th</sup> time 15:20 no AIS-positions for "Solvita" were registered. AIS-position on September 4<sup>th</sup> time 11:09 was registered on the Russian continental shelf on the Loop Hole. The next AIS-position was in Båtsfjord port on September 6<sup>th</sup> time 15:20. It has been assumed that no harvesting activity took place on the Norwegian continental shelf in the Loop Hole during this period.

Figure 152 "Solvita" voyage 39, period without AIS- positions

Skip	Mmsi	IMO	Callsign	Message time	Lon	Lat	Speed	Source
SOLVITA	275444000	8721765	YL2843	04.09.2016 11:09	38,7982	75,061433	0,70	AISSat_1
SOLVITA	275444000	8721765	YL2843	06.09.2016 15:20	29,732017	70,637417	0,00	LAND

The table above shows the period without AIS-positions.

## 2.39.1 "Solvita" summary voyage 39

Figure 153 "Solvita" voyage 39, &lt; 6 knots on the Russian continental shelf

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
23.08.2016	06.09.2016	
Entered Loophole Norwegian Shelf	24.08.2016 00:58	
Left Loophole Norwegian Shelf	24.08.2016 04:12	
Time on Norwegian Shelf (days:hours:minutes)		00:03:13
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	24.08.2016 04:12	
Left Loophole Russian Shelf	06.09.2016 15:20	
Time on Russian Shelf (days:hours:minutes)		13:11:08
Period with speed < 6 knots from	24.08.2016 13:12	
Period with speed < 6 knots to	04.09.2016 11:09	
Time with speed < 6 knots (days:hours:minutes)		10:21:56
Entered Loophole Norwegian Shelf		
Left Loophole Norwegian Shelf		
Time on Norwegian Shelf (days:hours:minutes)		00:00:00
	NO AIS-POSITIONS	
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	261,56	
Total hours < 6 knots	261,56	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	42 592	
Factory (crab receiver)	SEAGOURMET NORWAY AS	
Landingnote number and date	10601015	08.09.2016

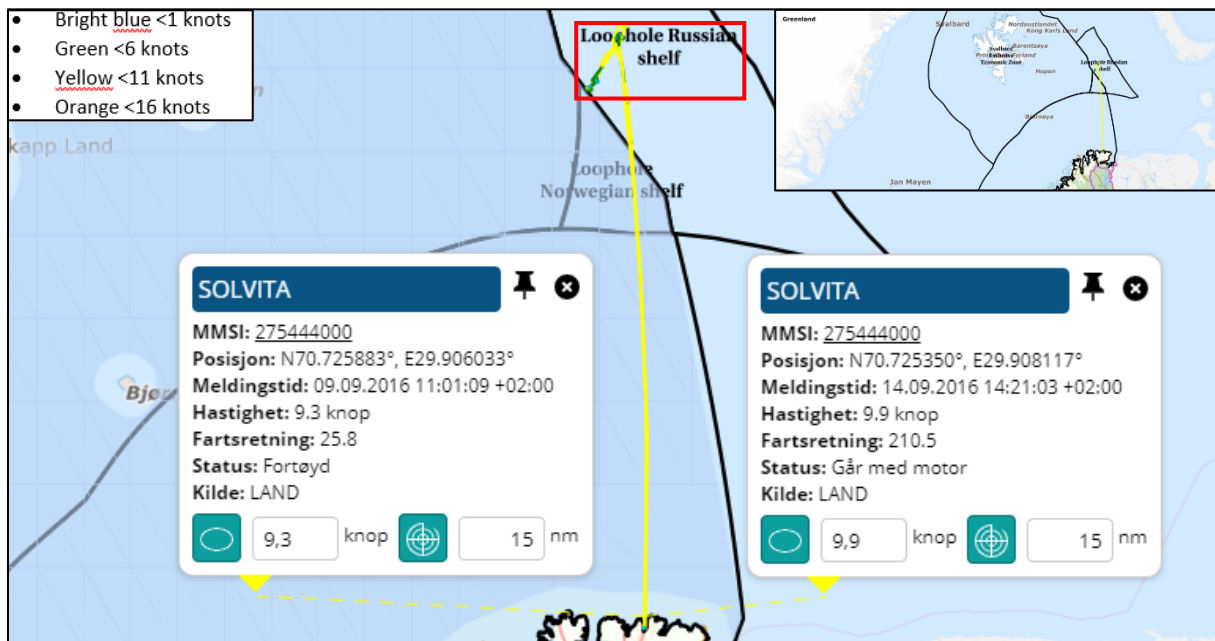
Due to the long period without registered AIS-positions, the time for periods in the Russian Shelf will not be correct.

### 3. “Solvita” after ending snow crab harvesting in the Loop Hole

The last delivery of snow crab from “Solvita” was on September 8<sup>th</sup> 2016 in Båtsfjord port. After the last delivery of snow crab, “Solvita” had two more voyages to the Loop Hole.

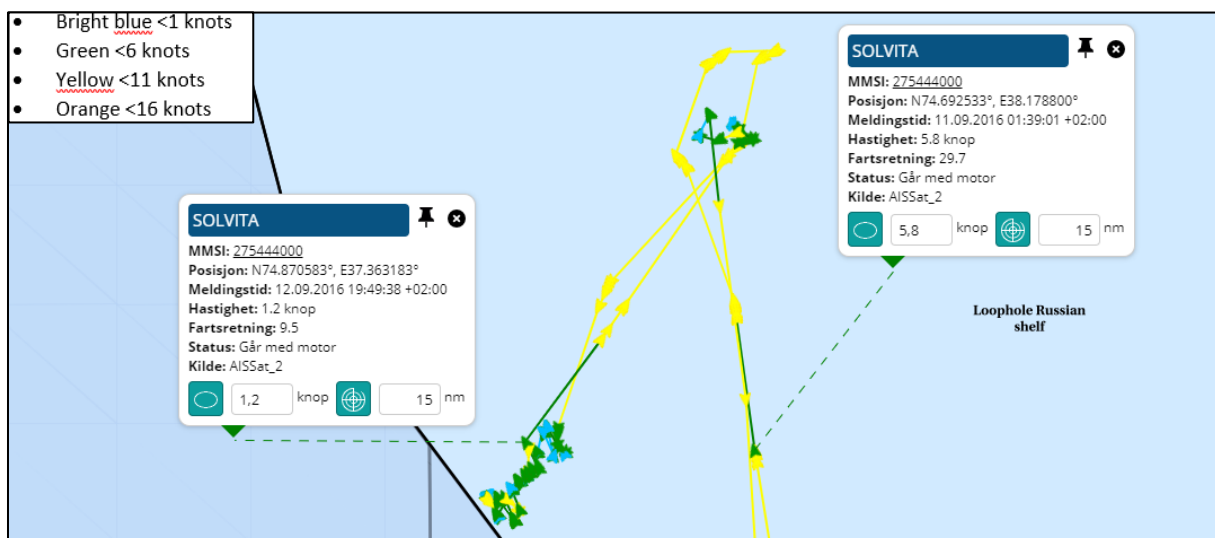
#### 3.1 “Solvita” voyage 40 from September 9<sup>th</sup> to September 14<sup>th</sup> 2016

Figure 154 “Solvita” voyage 40, overview



Voyage 40, overview. “Solvita” left Båtsfjord port on September 9<sup>th</sup> 2016 and arrived Båtsfjord port September 14<sup>th</sup> 2016. On arrival, “Solvita” did not deliver any catch. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound and did not engage in any snow crab harvesting there.

Figure 155 “Solvita” voyage 40, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from September 11<sup>th</sup> 2016 time 01:39 until September 12<sup>th</sup> 2016 time 19:49.



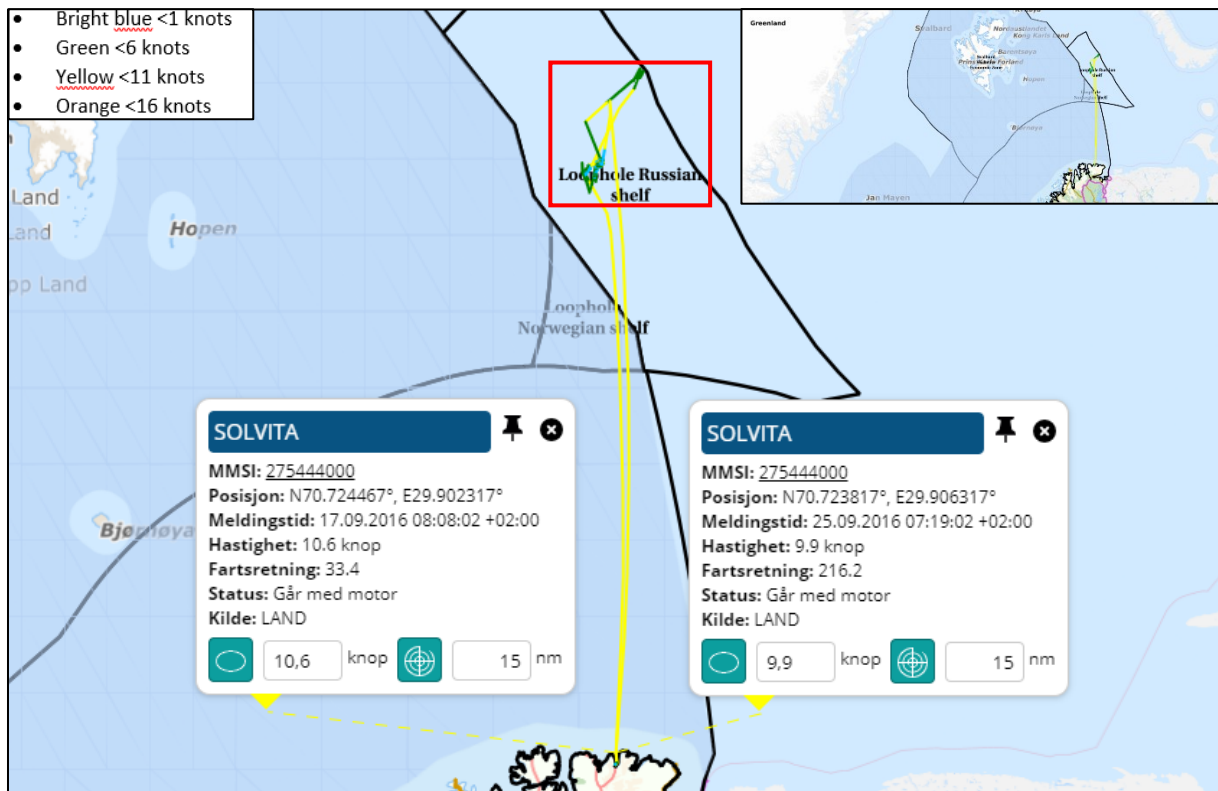
## 3.1.1 "Solvita" summary voyage 40

Figure 156 "Solvita" voyage 40, &lt; 6 knots on the Russian continental shelf

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
09.09.2016	14.09.2016	
Entered Loophole Norwegian Shelf	10.09.2016 14:10	
Left Loophole Norwegian Shelf	10.09.2016 20:41	
Time on Norwegian Shelf (days:hours:minutes)		00:06:31
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	10.09.2016 20:41	
Left Loophole Russian Shelf	13.09.2016 15:12	
Time on Russian Shelf (days:hours:minutes)		02:18:30
Period with speed < 6 knots from	11.09.2016 01:39	
Period with speed < 6 knots to	12.09.2016 19:49	
Time with speed < 6 knots (days:hours:minutes)		01:18:10
Entered Loophole Norwegian Shelf	13.09.2016 15:12	
Left Loophole Norwegian Shelf	13.09.2016 18:23	
Time on Norwegian Shelf (days:hours:minutes)		00:03:11
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	42,10	
Total hours < 6 knots	42,1	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	NO CATCH	
Factory (crab receiver)		
Landingnote number and date	0	

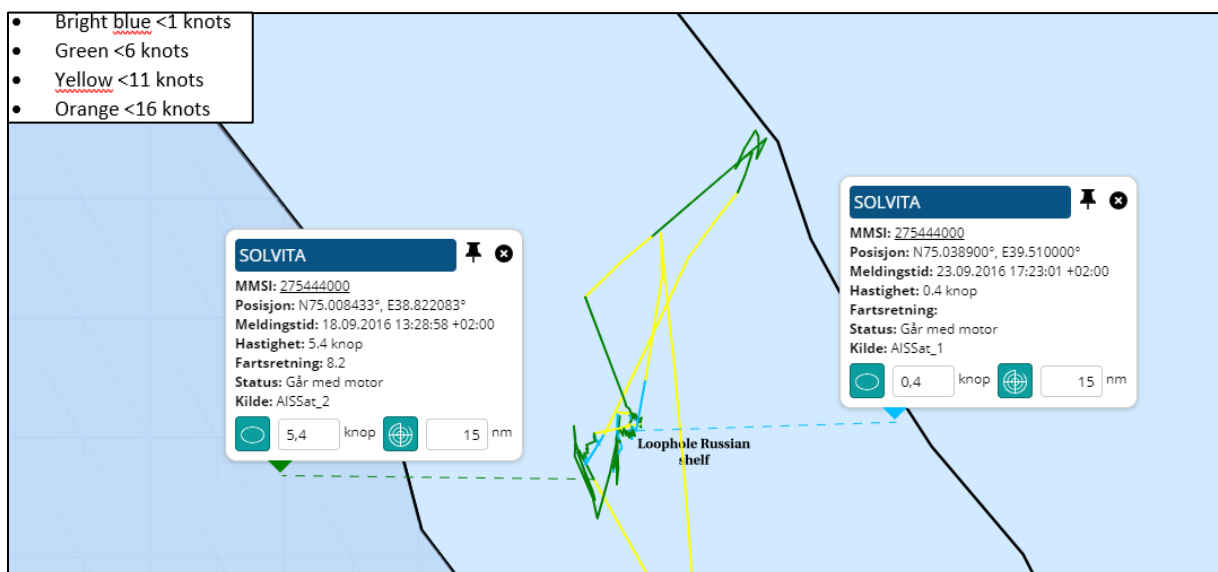
### 3.2 “Solvita” voyage 41 from September 17<sup>th</sup> to September 25<sup>th</sup> 2016

Figure 157 “Solvita” voyage 41, overview



Voyage 41, overview. “Solvita” left Båtsfjord port on September 17<sup>th</sup> 2016 and arrived Båtsfjord port September 25<sup>th</sup> 2016. On arrival, “Solveiga” did not deliver any catch. “Solvita” was on this voyage sailing through the Norwegian continental shelf in the Loop Hole, northbound and southbound.

Figure 158 “Solvita” voyage 41, < 6 knots on the Russian continental shelf



Russian continental shelf in the Loop Hole. “Solvita” was speeding < 6 knots in the period from September 18<sup>th</sup> 2016 time 17:23 until September 23<sup>rd</sup> 2016 time 17:23.

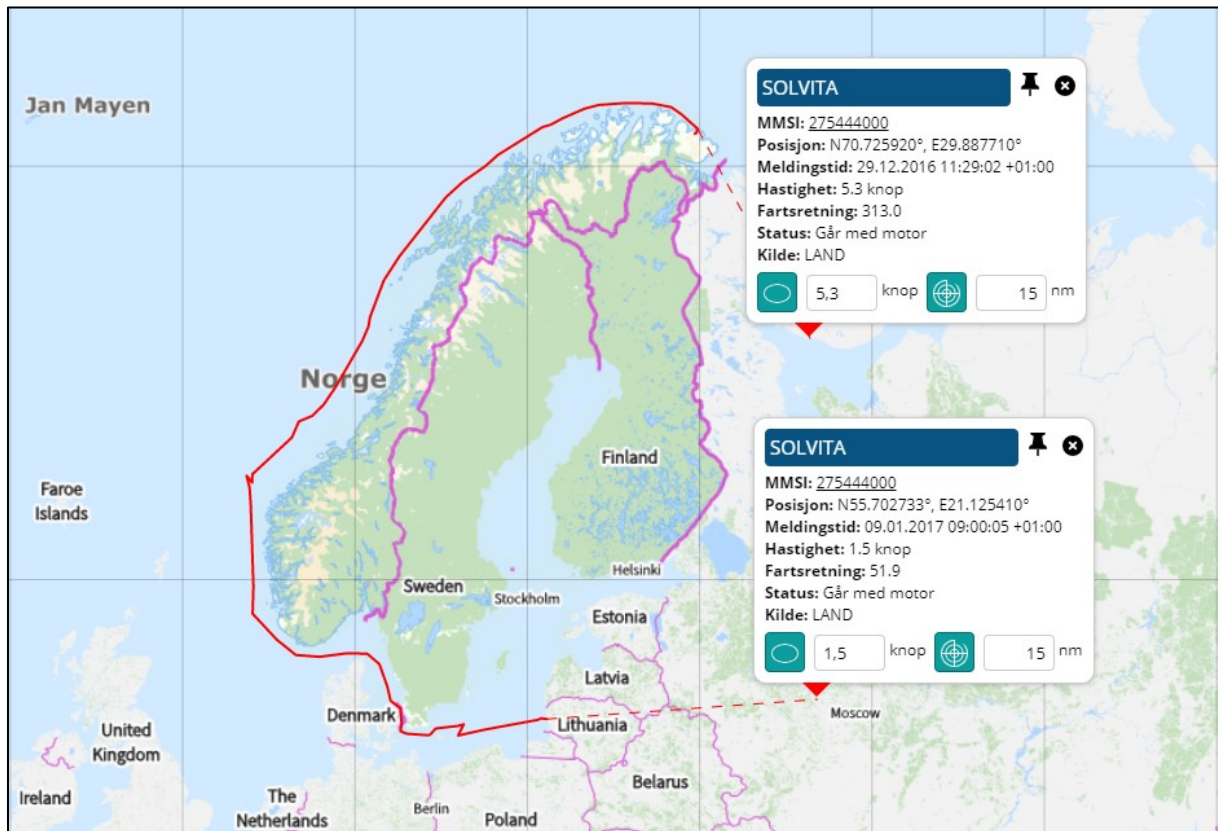
## 3.2.1 "Solvita" summary voyage 41

Figure 159 "Solvita" voyage 41, &lt; 6 knots on the Russian continental shelf

Voyage started from Båtsfjord port	Voyage ended in Båtsfjord port	
17.09.2016	25.09.2016	
Entered Loophole Norwegian Shelf	18.09.2016 03:14	
Left Loophole Norwegian Shelf	18.09.2016 07:01	
Time on Norwegian Shelf (days:hours:minutes)		00:03:47
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Entered Loophole Russian Shelf	18.09.2016 07:01	
Left Loophole Russian Shelf	24.09.2016 08:52	
Time on Russian Shelf (days:hours:minutes)		06:01:50
Period with speed < 6 knots from	18.09.2016 13:28	
Period with speed < 6 knots to	23.09.2016 17:23	
Time with speed < 6 knots (days:hours:minutes)		05:03:54
Entered Loophole Norwegian Shelf	24.09.2016 08:52	
Left Loophole Norwegian Shelf	24.09.2016 11:19	
Time on Norwegian Shelf (days:hours:minutes)		00:02:27
Period with speed < 6 knots from		
Period with speed < 6 knots to		
Time with speed < 6 knots (days:hours:minutes)		00:00:00
Hours on Norwegian Shelf < 6 knots	0	
Hours on Russian Shelf < 6 knots	123,54	
Total hours < 6 knots	123,54	
Percent time on Russian Shelf < 6 knots	100,00 %	
Percent time on Norwegian Shelf < 6 knots	0,00 %	
Snow crab landed live in kg	NO CATCH	
Factory (crab receiver)		
Landingnote number and date	0	

### 3.3 “Solvita” to Lithuania

Figure 160 “Solvita” to Lithuania



In the period from September 25<sup>th</sup> 2016 until December 29<sup>th</sup> 2016 “Solvita” was laid up in Båtsfjord port. “Solvita” left Båtsfjord port on December 29<sup>th</sup> and sailed to Lithuania, with arrival January 9<sup>th</sup> 2017.

In the period after January 9<sup>th</sup> 2017 and until last registered AIS-position on June 28<sup>th</sup> 2017. The vessel “Solvita” was in Klaipeda, Lithuania.

## 4 Inspections by Norwegian Authorities

“Solvita” had no registered inspections by Norwegian Authorities.

## Attachments

Attachment with method, sources, terms, and abbreviations.