

**Summary of the
BORIS2 Situational Awareness Reports
distributed by SYKE during the
BALEX DELTA 2012 Exercise (27-29.8.2012)**

www.environment.fi/syke/balexdelta



European Civil Protection



*With the contribution of the Civil
Protection Financial Instrument of the
European Union*

**Situational Awareness System
BORIS2 /5.Demo**

**Additional information inc. sources of data:
www.ymparisto.fi/syke/boris2**

During BALEX DELTA 2012 Exercise (27-29.8.2012):

- **SYKE will jointly with other national oil response authorities test the 5. Demo of the national situational awareness system BORIS2**
- **SYKE will distribute several BORIS2-reports to the:**
 - **Balex Delta 2012 Exercise Leader**
 - **Response Commander (RC) and SYKE duty officer**
 - **Commanders and the HELCOM fleet of the Open Sea Operation (SOSC, NOSCS, Masters of the Vessels of the HELCOM fleet)**
 - **SYKE Crisis Ad hoc Group**
 - **SYKE Communications Unit**
 - **Professional Secretary of the HELCOM Response Group, Exercise Evaluation Team**
 - **Observer's vessel**
- **SYKE will distribute the reports by email. The format of the reports will be *.pdf.**
- **If you don't want to receive these BORIS2-reports or if you want to correct the recipients list, please send an email to meri.hietala@environment.fi**

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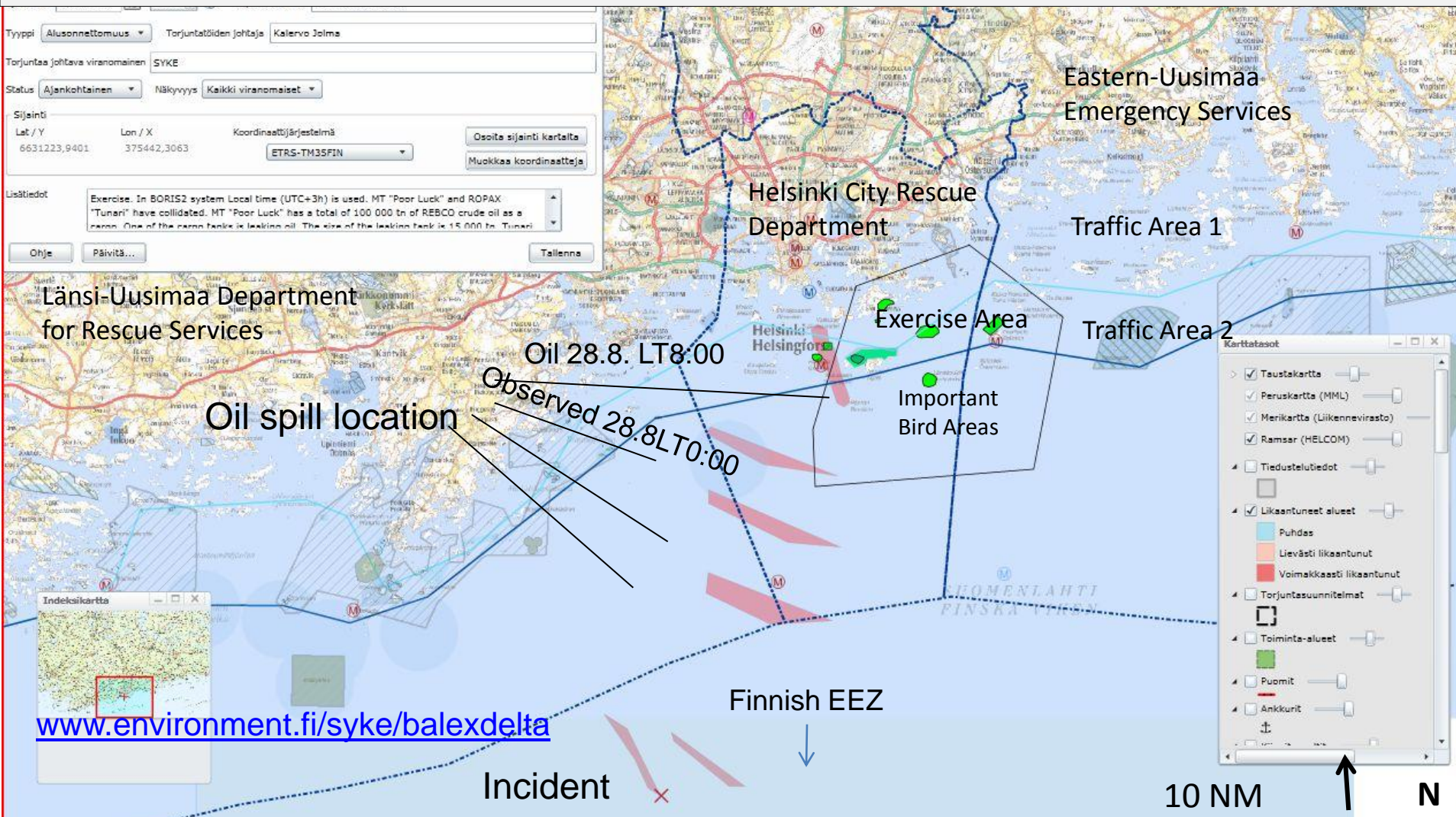
**Additional information inc. sources of data:
www.ymparisto.fi/syke/boris2**

BALEX DELTA Exercise 2012 . Helsinki.

BORIS2 Report 2. Slide 1/2. Spill location

Local Time 28.8. 08:00

UTC 28.8. 05:00



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Additional information inc. sources of data:
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BALEX DELTA Exercise 2012 . Helsinki.

BORIS2 Report 3. Slide 4/5. Open sea response plans.

Government vessels.

28.8. Local Time 27.08. 10:30
~~UTC 27.08. 7:30~~

Edellinen raja

Government response area

Nimi / lyhyt kuvaus: Government response area

Vastuutaho: SYKE

Status: Työt käynnissä Näkyvyys: Kaikki viranomaiset

Ajankohdat: Suunnittelu: 28.8.2012 08:59, Aloitus: 28.8.2012 08:30, Lopetus: <d.M.yyyy>

Suunnitelman osat

Nimi	Tyyppi	Su
<input checked="" type="checkbox"/> Uisko response area	Toiminta-alue	28.0
<input checked="" type="checkbox"/> Merikarhu response area	Toiminta-alue	28.0
<input checked="" type="checkbox"/> Louhi & Halli response area	Toiminta-alue	28.0
<input checked="" type="checkbox"/> Seili, Linja, Oili 1 & Oili 3 response area	Toiminta-alue	28.0

Torjuntasuunnitelma

Nimi / lyhyt kuvaus: YAG Hallin torjuntasuunnitelma

Vastuutaho: YAG Halli

Status: Työt käynnissä Näkyvyys: Kaikki viranomaiset

Ajankohdat: Suunnittelu: 28.8.2012 10:24, Aloitus: 28.8.2012 10:24, Lopetus: 28.8.2012 14:30

Suunnitelman osat

Nimi	Tyyppi	Suunnittelu
<input checked="" type="checkbox"/> YAG Hallin keräysalue 1	Toiminta-alue	28.08.2012 10:08

2 NM

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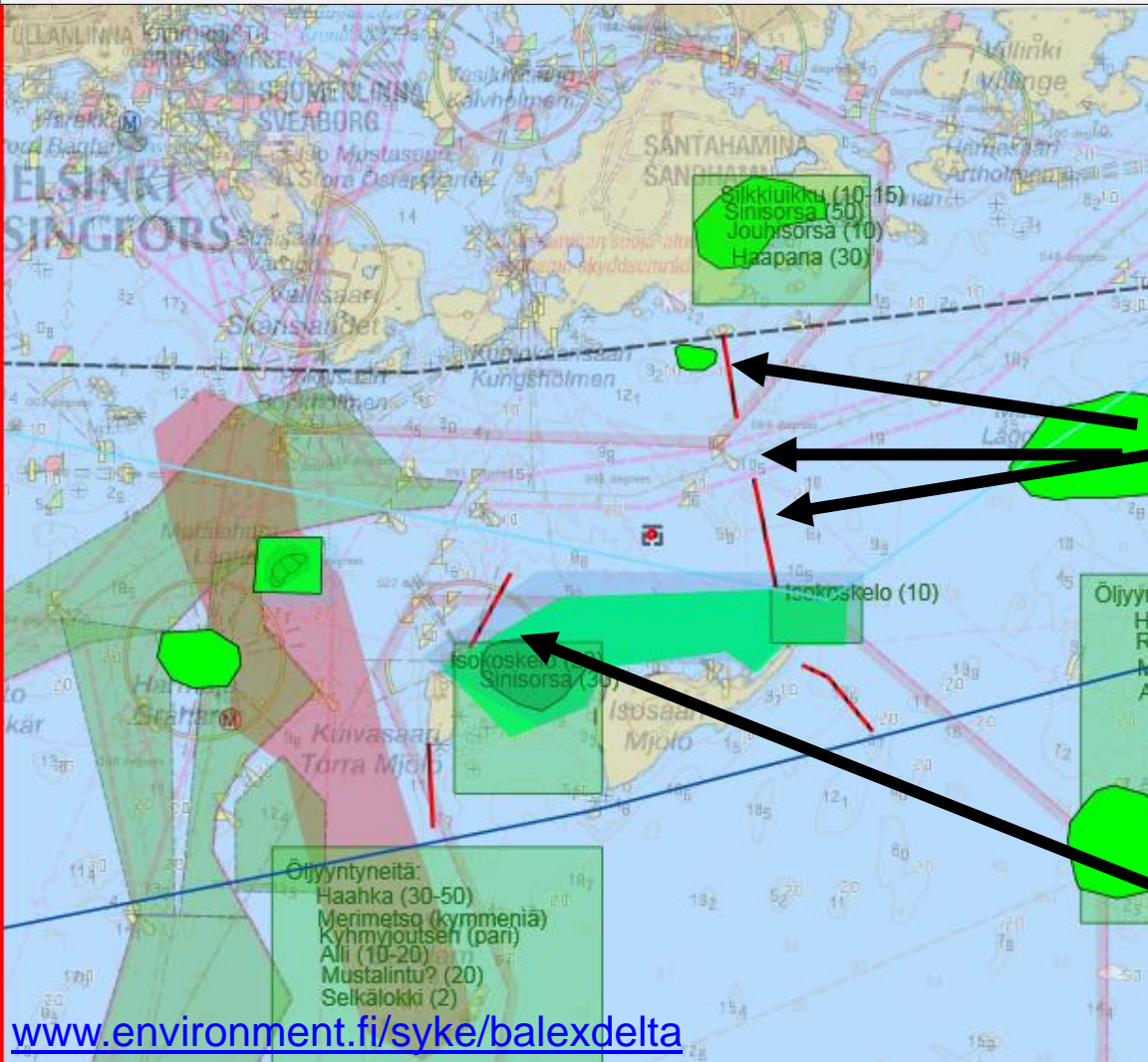
BALEX DELTA Exercise 2012 . Helsinki.

28.8.

Local Time 27.08. 10:30

BORIS2 Report 3. Slide 5/5. Boom laying, Rescue Services

UTC 27.08. 7:30



Vastuutaho: Rescue Services, Helsinki Rescue Department

Status: Työt käynnissä | Näkyvyys: Kaikki viranomaiset

Ajankohdat: Suunnittelu 27.8.2012 20:09

Suunnitelman osat

Nimi	Tyyppi	S
<input checked="" type="checkbox"/> Kuivasaari South	Puomi	2
<input checked="" type="checkbox"/> Isosaari / Peninniemi South 1	Puomi	2
<input checked="" type="checkbox"/> Pieni Kuivasaari North / North-east	Puomi	2
<input checked="" type="checkbox"/> Closing boom, part1 Isosaari - santahamina	Puomi	2
<input checked="" type="checkbox"/> Closing boom, part 2, Isosaari - Santahamina	Puomi	2
<input checked="" type="checkbox"/> Protecting boom, Tiirapaasi - Haahkakivi	Puomi	2
<input checked="" type="checkbox"/> Closing boom, part 3 Isosaari - Santahamina	Puomi	2
<input checked="" type="checkbox"/> Protectino boom, Hattusaari - Haahkakivi	Puomi	2

Torjuntasuunnitelma

Nimi / lyhyt kuvaus: Coastal Protection Operations

Vastuutaho: Länsi-Uusimaa Rescue Service

Status: Suunniteltu | Näkyvyys: Kaikki viranomaiset

Ajankohdat: Suunnittelu 28.8.2012 08:38

Aloitus: 28.8.2012 09:05

Lopetus: <d.M.yyyy>

2 NM

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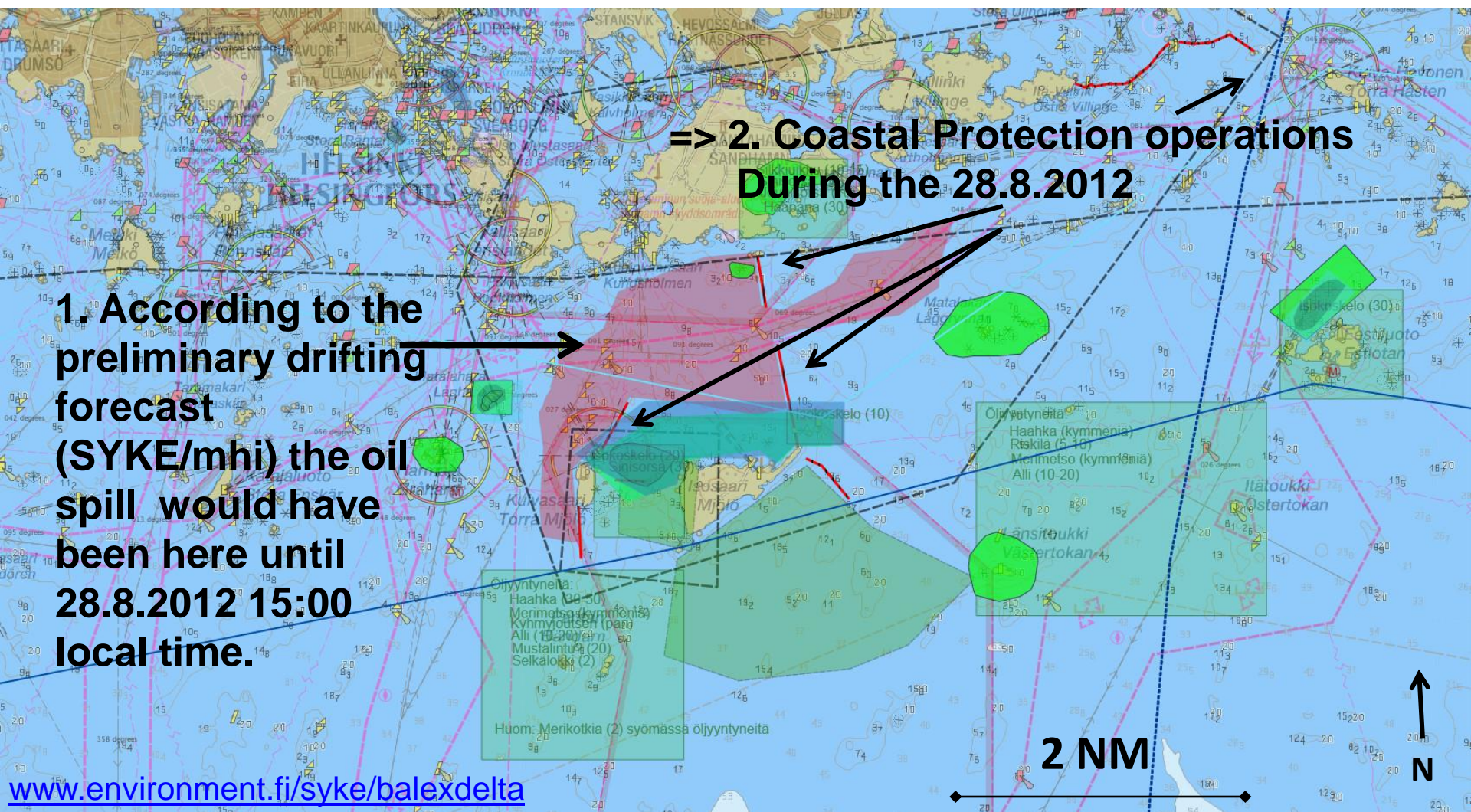


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Situational Awareness System BORIS2 /5.Demo

Additional information inc. sources of data:

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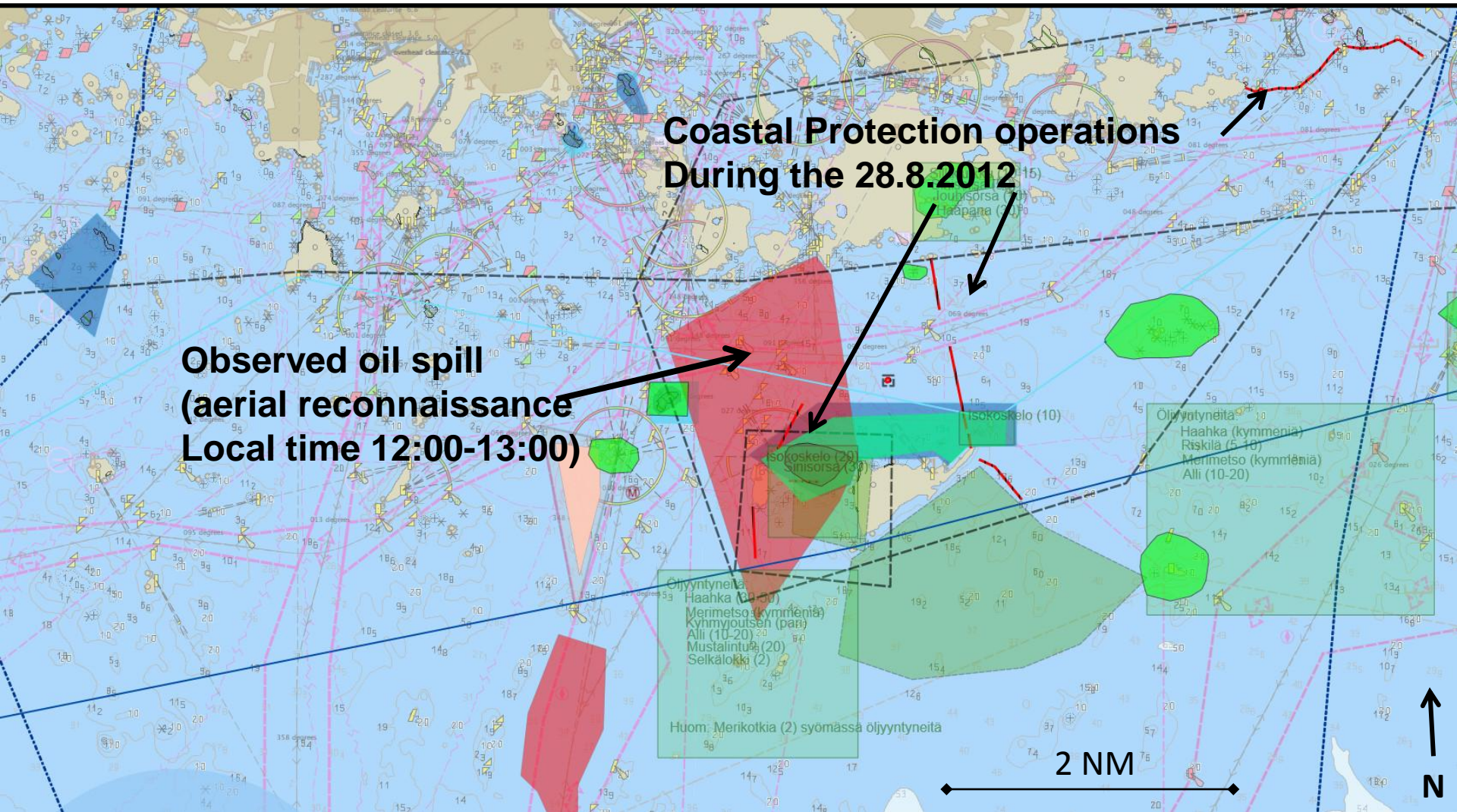
BALEX DELTA Exercise 2012 . Helsinki.

BORIS2 Report 4. Slide 3/4.

Coastal protection operations and observed oil spill.

Local Time 28.08. 15:00

UTC 28.08. 12:00



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Additional information inc. sources of data:
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BALEX DELTA Exercise 2012 . Helsinki.

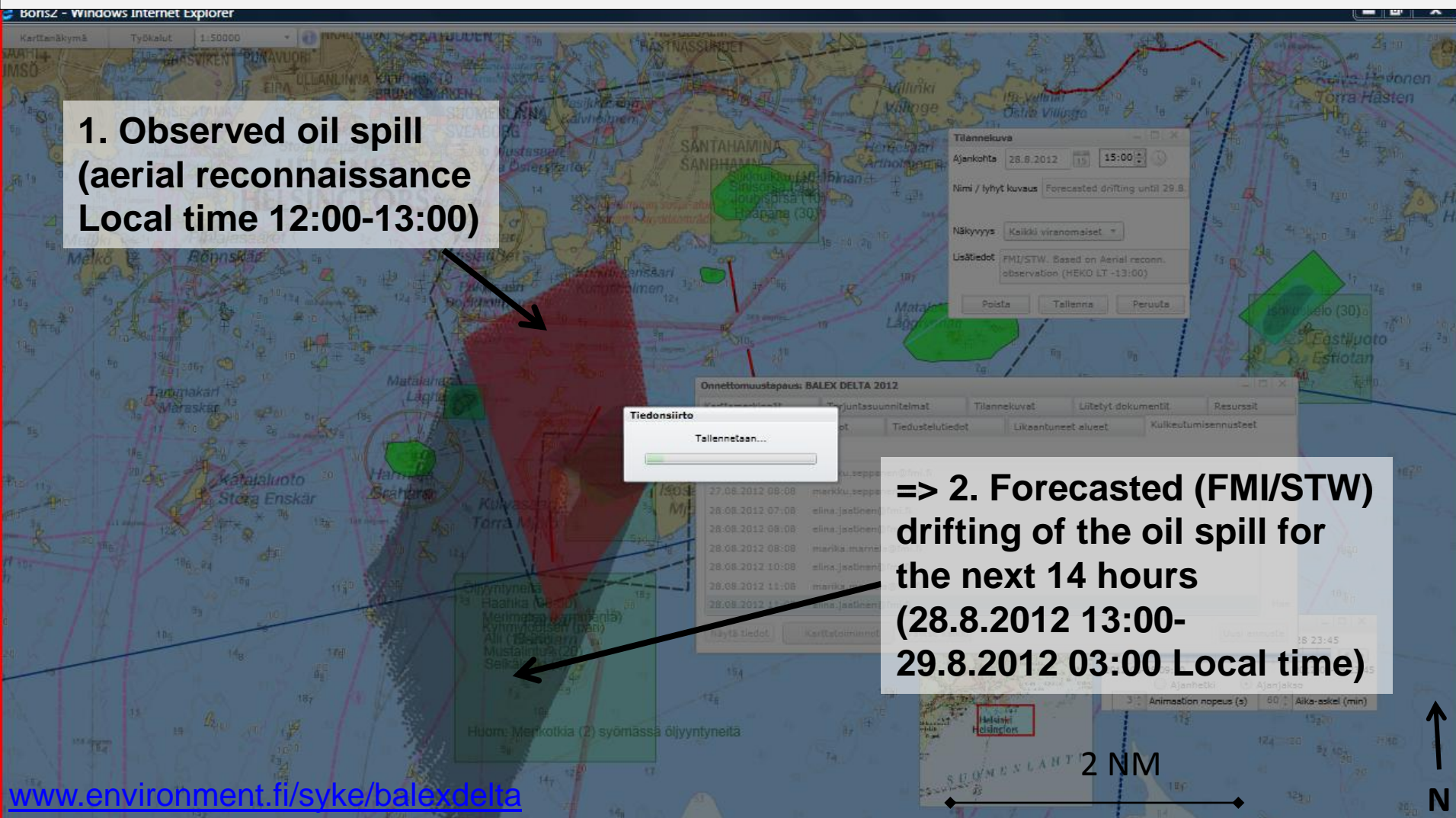
BORIS2 Report 4. Slide 4/4.

Observed oil spill and forecasted drifting.

Local Time 28.08. 15:00

UTC 28.08. 12:00

1. Observed oil spill
(aerial reconnaissance
Local time 12:00-13:00)



=> 2. Forecasted (FMI/STW)
drifting of the oil spill for
the next 14 hours
(28.8.2012 13:00-
29.8.2012 03:00 Local time)

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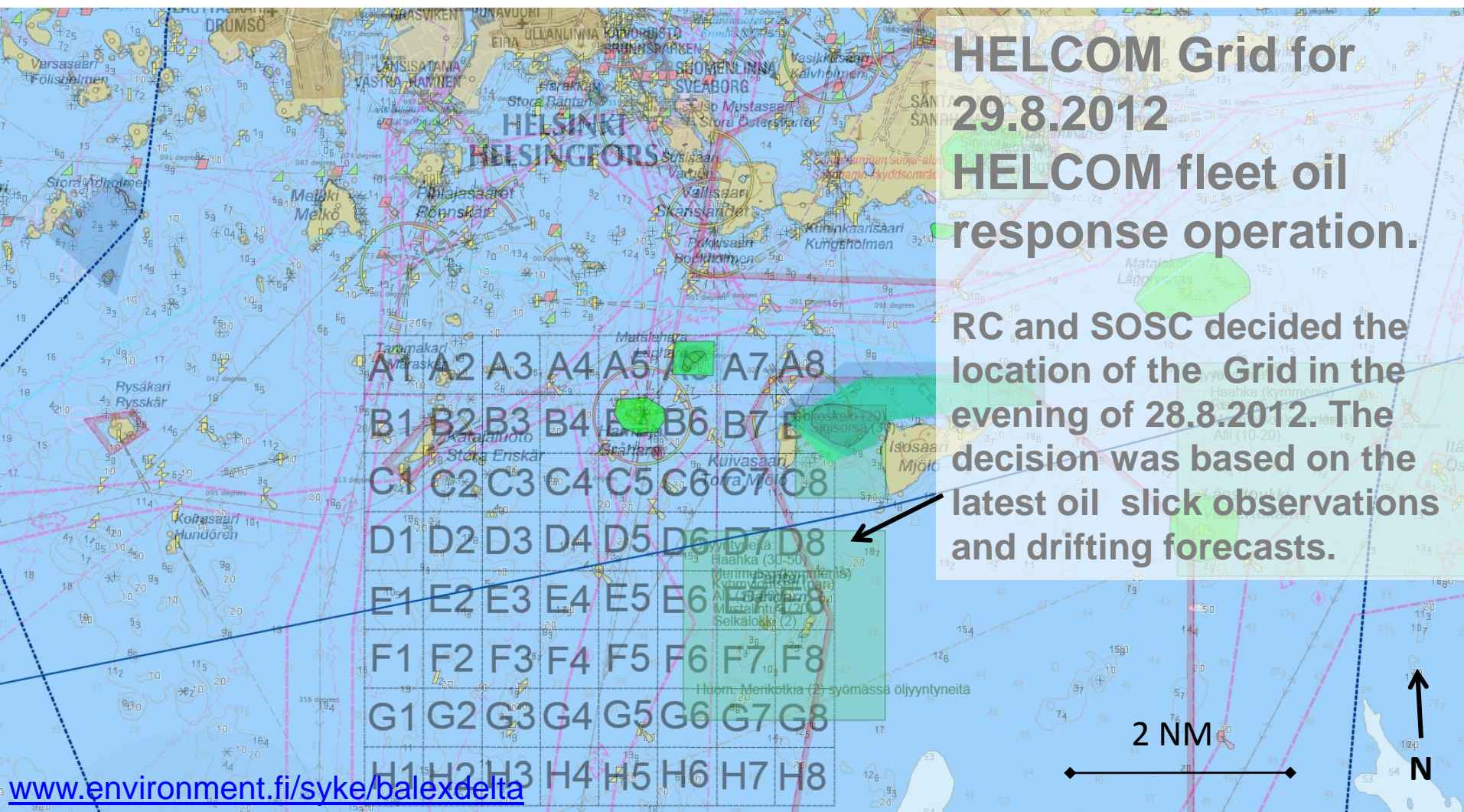
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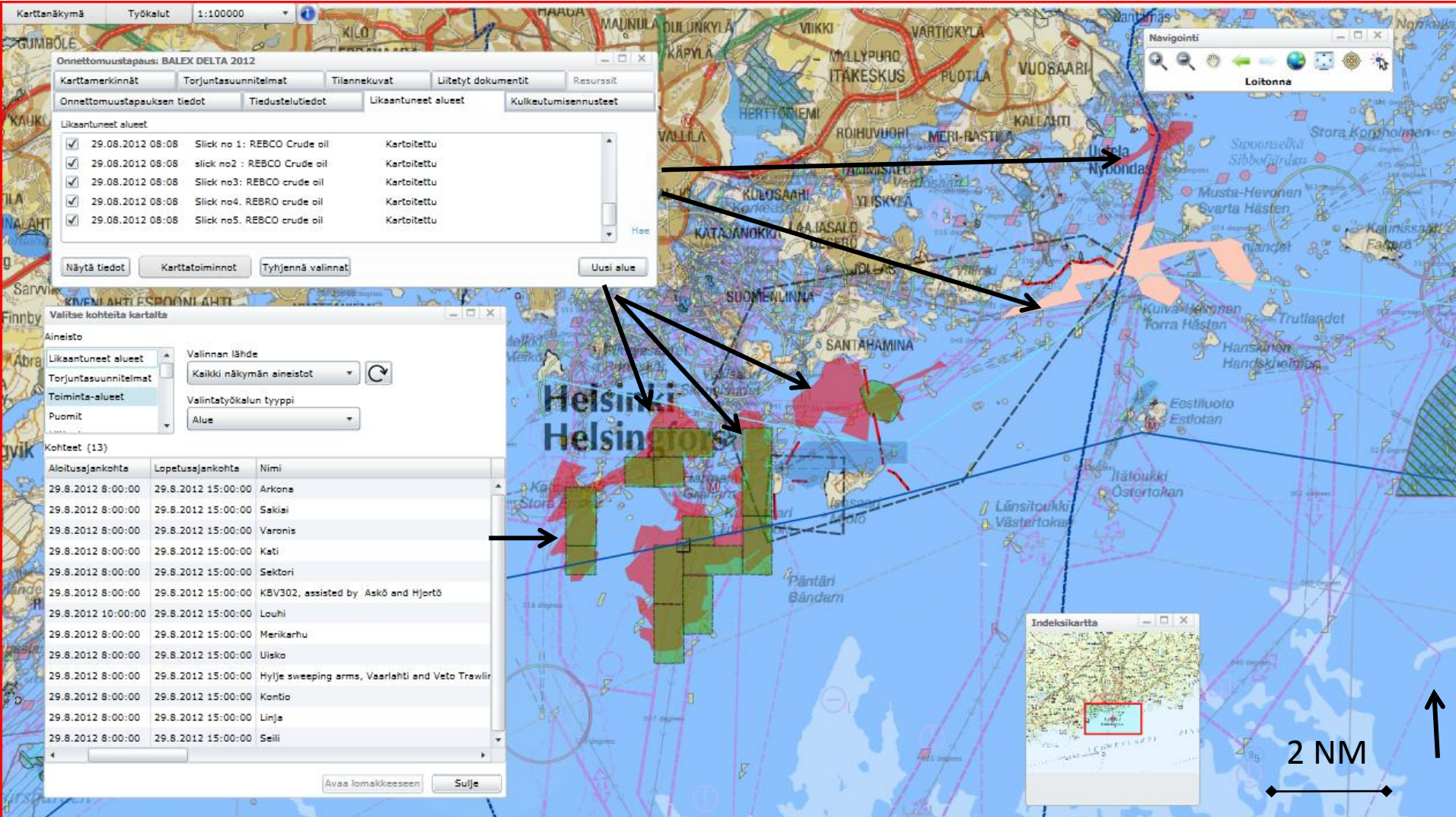
Additional information inc. sources of data:
www.ymparisto.fi/syke/boris2



BALEX DELTA Exercise 2012 . Helsinki.

BORIS2 Report 5. Slide 2/2 Latest Oil slick observations and forecasts (red/pink) and response plan for the HELCOM fleet (green)

Local Time 29.08. 08:00
UTC 29.08. 05:00



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Additional information inc. sources of data:
www.ymparisto.fi/syke/boris2

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BORIS2 Report 6. Slide 3/7

Confirmed location of the slick south of Santahamina

Local Time 29.08. 10:00

UTC 29.08. 07:00

Onnettomuustapaus: BALEX DELTA 2012

Karttamerkinnot | Torjuntasuunnitelmat | Tilannekuvat | Liitetyt dokumentit | Resurssit

Onnettomuustapauksen tiedot | Tiedustelutiedot | Likasantuneet alueet | Kulkeutumissennusteet

Likasantuneet alueet

Time	Description	Status
28.08.2012 09:08	Harmajan länsipuoli ja Riskiläyhdys	Kartoitettu
28.08.2012 10:08	Oil location (Louhi)	Työt käynnissä
28.08.2012 12:08	Forecasted location of the spill	Malliennuste
28.08.2012 12:08	RajaHeko200 havainnot öljylautasta	Kartoitettu
28.08.2012 15:08	Observed oil. Closing the national e	Kumottu virheellisenä
29.08.2012 08:08	Slick no1: REBCO Crude oil	Kartoitettu
29.08.2012 08:08	slick no2: REBCO Crude oil	Kartoitettu
29.08.2012 08:08	Slick no3: REBCO crude oil	Kartoitettu
29.08.2012 08:08	Slick no4. REBCO crude oil	Kartoitettu
29.08.2012 08:08	Slick no5. REBCO crude oil	Kartoitettu
29.08.2012 08:08	Crude? oil	Kartoitettu

Likasantunut alue: Crude? oil

Ajan kohta: 29.8.2012 08:00

Nimi / lyhyt kuvaus: Crude? oil

Karkea likasantuneisuusluokka: Voimakkaasti likasantunut

Likaantumishavainnot

Likaantumisen kohde	Saastetyyppi	Kiireellisyys
Vesialue	Raakaöljy	Erittäin kiireellinen

Likantumisaste: Voimakkaasti likasantunut

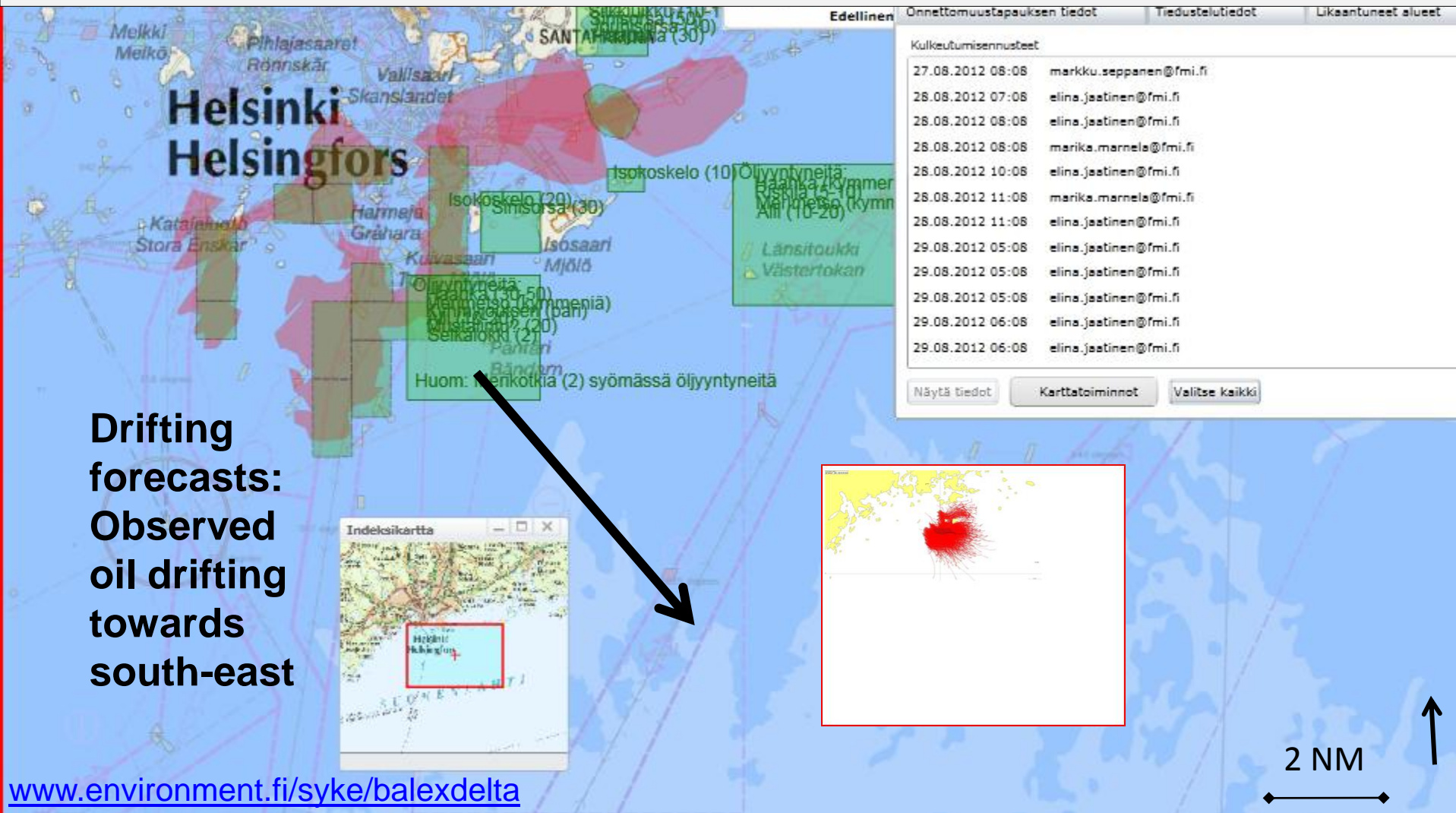
Lisätiedot: Finnish army vessels have verified the earlier noted crude oil float between Isoosaari and Santahamina

Tarkemmat havainnot

Status: Kartoitettu | Näkyvyys: Kaikki viranomaiset

Ohje | Karttatoiminnot | Lähdetiedot | Poista | Tallenna | Sulje

Slick south of Santahamina confirmed (morning 29.8.2012)



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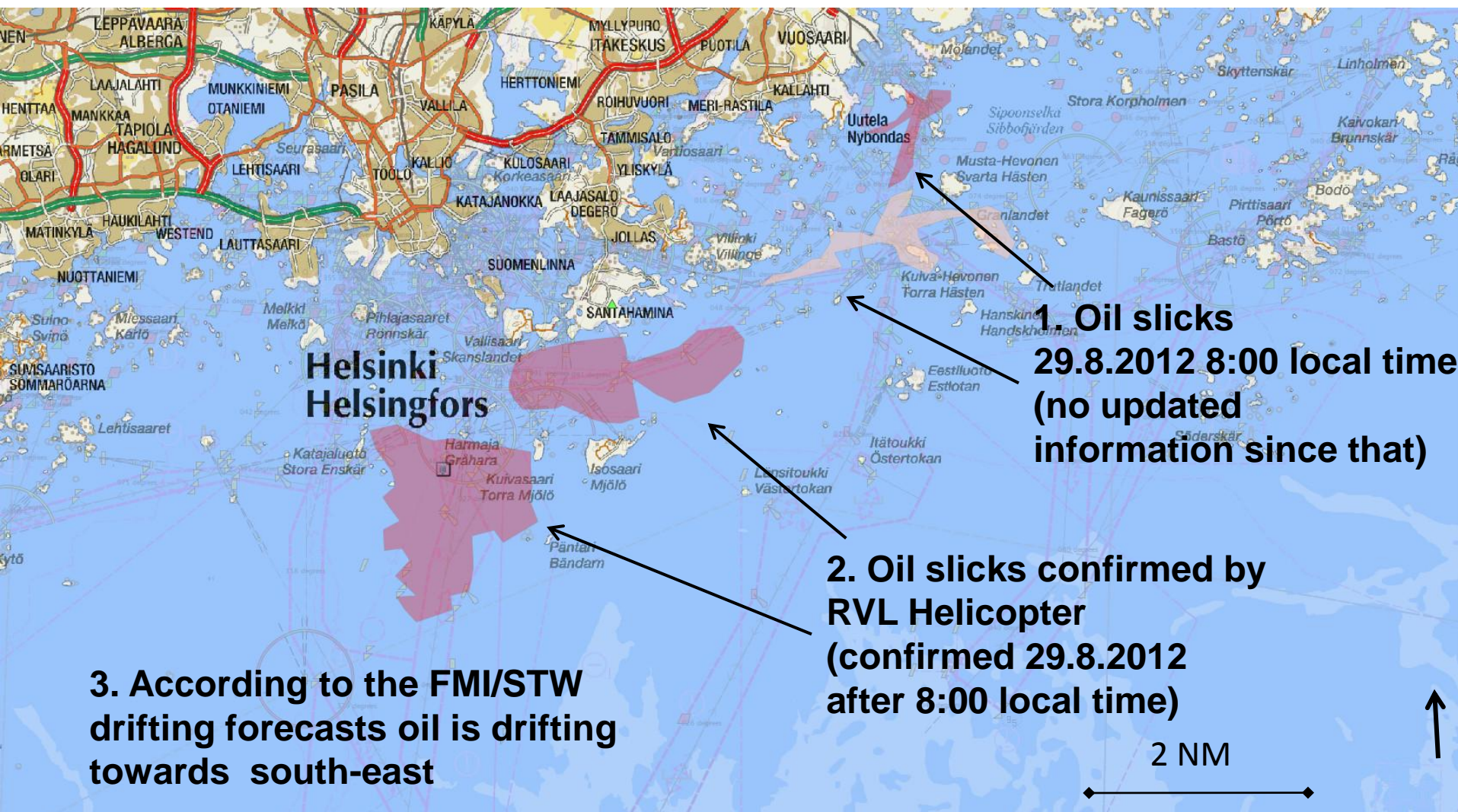
BALEX DELTA Exercise 2012 . Helsinki.

BORIS2 Report 7. Slide 1/2

Confirmed locations of the oil slicks

Local Time 29.08. 12:00

UTC 29.08. 09:00



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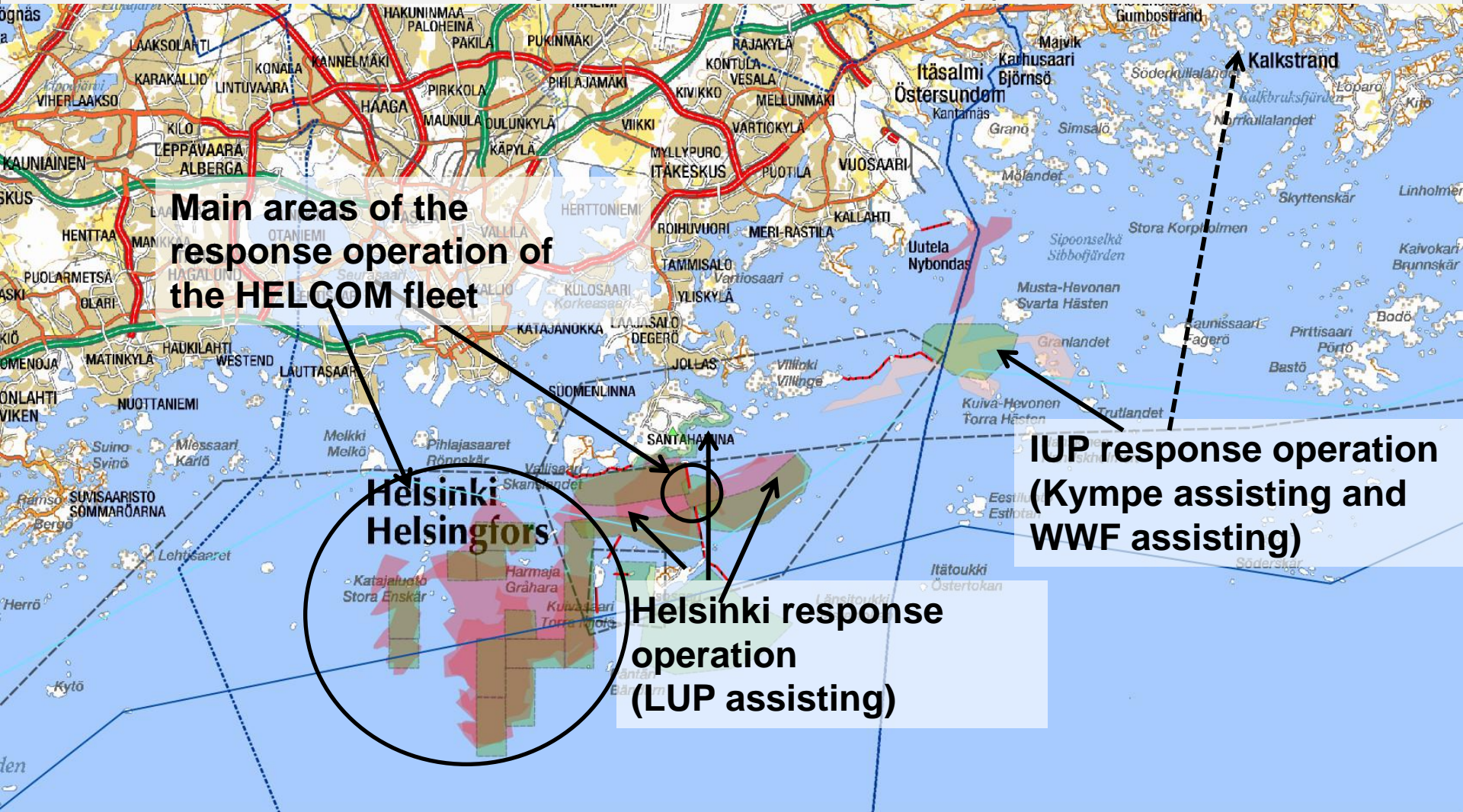
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Additional information inc. sources of data:
www.ymparisto.fi/syke/boris2

BALEX DELTA Exercise 2012 . Helsinki.

BORIS2 Report 8. Slide 1/2 On-going response operations under the RC: 1) HELCOM fleet (under the command of SOSOC) and 2) Rescue services districts (Helsinki assisted by LUP and IUP assisted by Kympe)

Local Time 29.08. 13:30
UTC 29.08. 10:30



Collected oil/ Open sea and coastal operations:

- **27.8.: 5 000 m3**
- **28.8.: 1 500 m3**
- **29.8. (until 13:30 local time) 2 000 m3**

=>Total amount of collected oil = 8 500 m3 (until 13:30 local time)

There is still 2500 m3 oil at sea. Part of this amount is inside boomings.

This was the last slide of the series of BORIS2 Situational Awareness Reports distributed by SYKE during the BALEX DELTA 2012 exercise.

SYKE as a leading governmental organiser of the BALEX DELTA 2012 exercise and as a developer of the BORIS2 system warmly thanks all authorities and entities which participated the exercise measures and/ or testing the 5. Demo of the BORIS2 situational awareness system.



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**Additional information inc. sources of data:
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