

18\_085\_1  
WL rapporten

## Stroomatlas Zeeschelde

Vakken  
Prospectpolder – Boudewijnsluis ; Boudewijnsluis – Antwerpen ;  
Antwerpen – Hoboken ; Hoboken - Wintam

DEPARTEMENT  
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# Stroomatlas Zeeschelde

Vakken : Prosperpolder – Boudewijnsluis;  
Boudewijnsluis – Antwerpen;  
Antwerpen – Hoboken;  
Hoboken – Wintam

Chu, K.; Vanlede, J.; Verwilligen, J.

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## Abstract

Deze stroomatlas presenteert per half uur de vloed- en ebstromingen in de Zeeschelde voor een typisch springtij, gemiddeld tij en doodtij. De dieptegemiddelde stroomsnelheden zijn aangegeven in m/s, aan de hand van geschaalde pijltjes die zowel stroomsnelheid als –richting aangeven.

De stroomsnelheden werden berekend met het SCALDIS model dat staat beschreven in het bijhorende technisch rapport:

*Chu, K.; Vanlede, J. Decrop, B.; Verwilligen, J.; Mostaert, F. (2017). Update snelheidsvelden Zeeschelde en Sluistoegangen: Technical Report. Version 2.0. FHR Reports, 00\_081\_1. Flanders Hydraulics Research: Antwerp.*

## Erratum

Dit werk is een heruitgave van de publicatie oorspronkelijk uitgegeven in 2019 met WL-referentie “WL2019R18\_085\_1”

Voor het vak “Boudewijnsluis - Antwerpen: SPRINGTIJ” (P. 175 e.v.) werden verkeerd ingebrachte figuren vervangen door de correcte figuren.



# Inhoudstafel

Abstract .....	III
Inhoudstafel.....	V
1 Introduction.....	1
2 Tidal coefficients.....	3
OVERZICHTSKAART .....	5
vak Prosperpolder - Boudewijnsluis .....	7
SPRINGTIJ.....	7
GEMIDDELD GETIJ.....	35
DOODTIJ.....	63
vak Boudewijnsluis - Antwerpen .....	91
SPRINGTIJ.....	91
GEMIDDELD GETIJ.....	119
DOODTIJ.....	147
vak Antwerpen - Hoboken.....	175
SPRINGTIJ.....	175
GEMIDDELD GETIJ.....	203
DOODTIJ.....	231
vak Hoboken - Monding Rupel .....	259
SPRINGTIJ.....	259
GEMIDDELD GETIJ.....	287
DOODTIJ.....	315



# 1 Introduction

The flow atlas is produced from the depth averaged flow fields modelled by the SCALDIS model for the year 2015 (Chu et al., 2017).

The model bathymetry is updated to the year 2015 with available bathymetric sample data as shown in Table 1. The **dike**, **slik** and **5 m** contour lines as shown in the flow atlas are corresponding to the model bathymetry.

The modelling period is chosen to represent two spring-neap cycles (28 days) from **16-Aug-2015 to 13-Sep-2015**.

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Table 1 - Description of bathymetric sample data.

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Zones	Year	Resolution [m]	Source Files
Belgian Coastal Plain	2004-2016	20 x 20	G:\Masterarchief\tob\BCP_bth_2004-2016_VH_utm31etrs89_taw_R_meest-recent-beschikbaar-in-2016\
Estuary	2014	20 x 20	G:\Masterarchief\tob\WES_bth_2014_RWS_rds_NAP_R°\vaklodingen-vak-11-19\export ascii\
Western Sea Scheldt	2015	20 x 20	G:\Masterarchief\tob\WES_tob_2015_RWS_RDS_nap_R°\ga2015_in_m.tif
Lower Sea Scheldt	2015	5 x 5	G:\Masterarchief\tob\BEZ_tob_2014_MT_rds_taw_R

The flow atlas are displayed for 4 different zones, over one tidal cycle during spring tide, mean tide and neap tide respectively (Table 2). The spring and neap tide are defined by using tidal coefficient (see 2 Tidal coefficients ) at Antwerpen. The corresponding water levels are shown in Figure 1.

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Table 2 – Periods to export velocity field for spring and neap tide from the model.

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Tide	Period	Time Interval	Tidal coefficient at Antwerp
Spring Tide	17/08/2015 11:30 to 18/08/2015 01:30	30 minutes	1.12
Mean Tide	20/08/2015 00:40 to 20/08/2015 14:40	30 minutes	1.0
Neap Tide	23/08/2015 14:50 to 24/08/2015 04:50	30 minutes	0.84

Figure 1 – Water level at Antwerpen for spring, mean and neap tide.

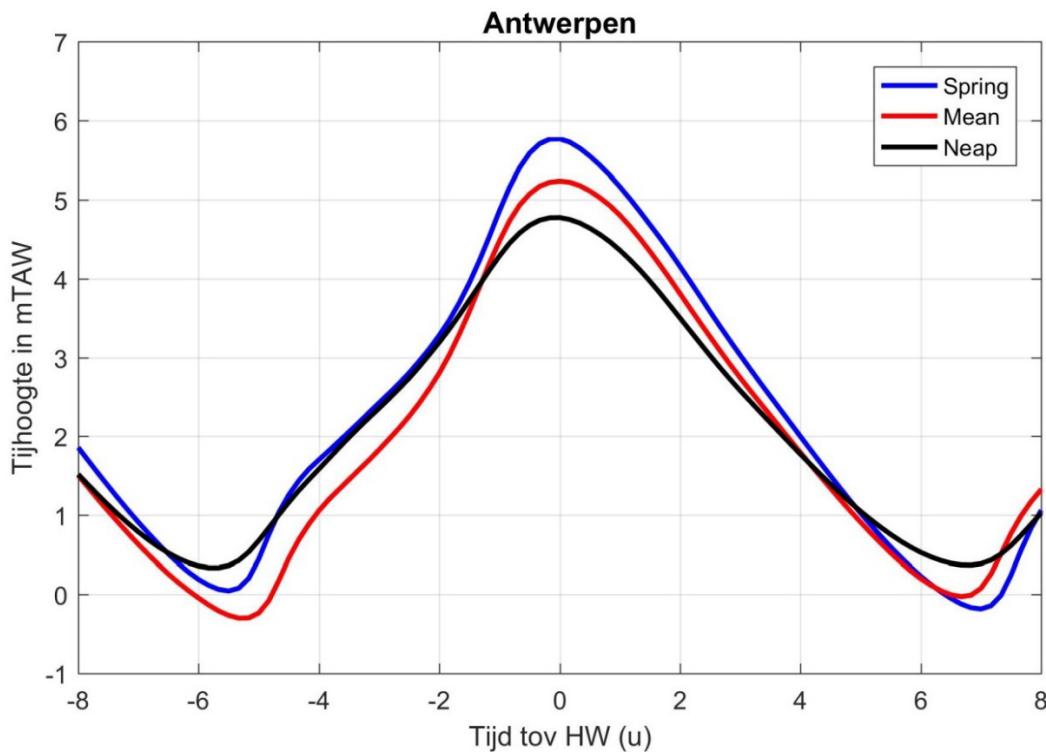


Table 3 shows the mesh resolution used by the SCALDIS model. Be aware that the current vectors reported in this flow atlas have been filtered by distance. The filter distance in use are **200, 180, 130** and **130** meters for the 4 different zone **Prosperpolder\_to\_Boudewijnsluis**, **Boudewijnsluis\_to\_Antwerp**, **Antwerp\_to\_Hoboken** and **Hoboken\_to\_Wintam** respectively.

To ensure the visibility of all the vector arrows, the magnitude of velocities are enlarged with scale factors: of **200, 200, 120** and **130** for the 4 different zone **Prosperpolder\_to\_Boudewijnsluis**, **Boudewijnsluis\_to\_Antwerp**, **Antwerp\_to\_Hoboken** and **Hoboken\_to\_Wintam** respectively.

Table 3 – Mesh resolution in the SCALDIS model.

Zones	Required for nautical purpose	SCALDIS [m]
Kustzone	200 x 200 m	246
Vaarpassen (Scheur, pvhZand)	50 x 50 m	96
Zeebrugge	30 x 30 m	30
Oostende	30 x 30 m	17
Terneuzen	30 x 30 m	47
WES	100 x 50 m	112
Berendrechtsluis	30 x 30 m	81
DGD	30 x 30 m	67
Boudewijnsluis	30 x 30 m	52
Kallosluis	30 x 30 m	40
Antwerploodsgebouw	30 x 30 m	28
Wintamlock	30 x 30 m	16
Antwerp_Wintam	100 x 30 m	19

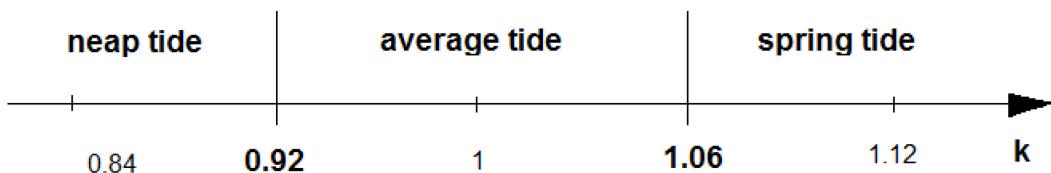
## 2 Tidal coefficients

A tidal coefficient is calculated as a ratio of the tidal amplitude during the analysed period to the amplitude of the average tide for the period from 1991 to 2000. Tidal coefficients are calculated for all analysed tides based on the measured water levels at Antwerp.

Table below shows the typical values of the tidal coefficients corresponding to the neap, average and spring tides. Tides with coefficients higher than 1.06 are considered to be spring tides; tides with coefficients lower than 0.92 are neap.

Table 4 – Typical values of the tidal coefficients for neap, average and spring tides

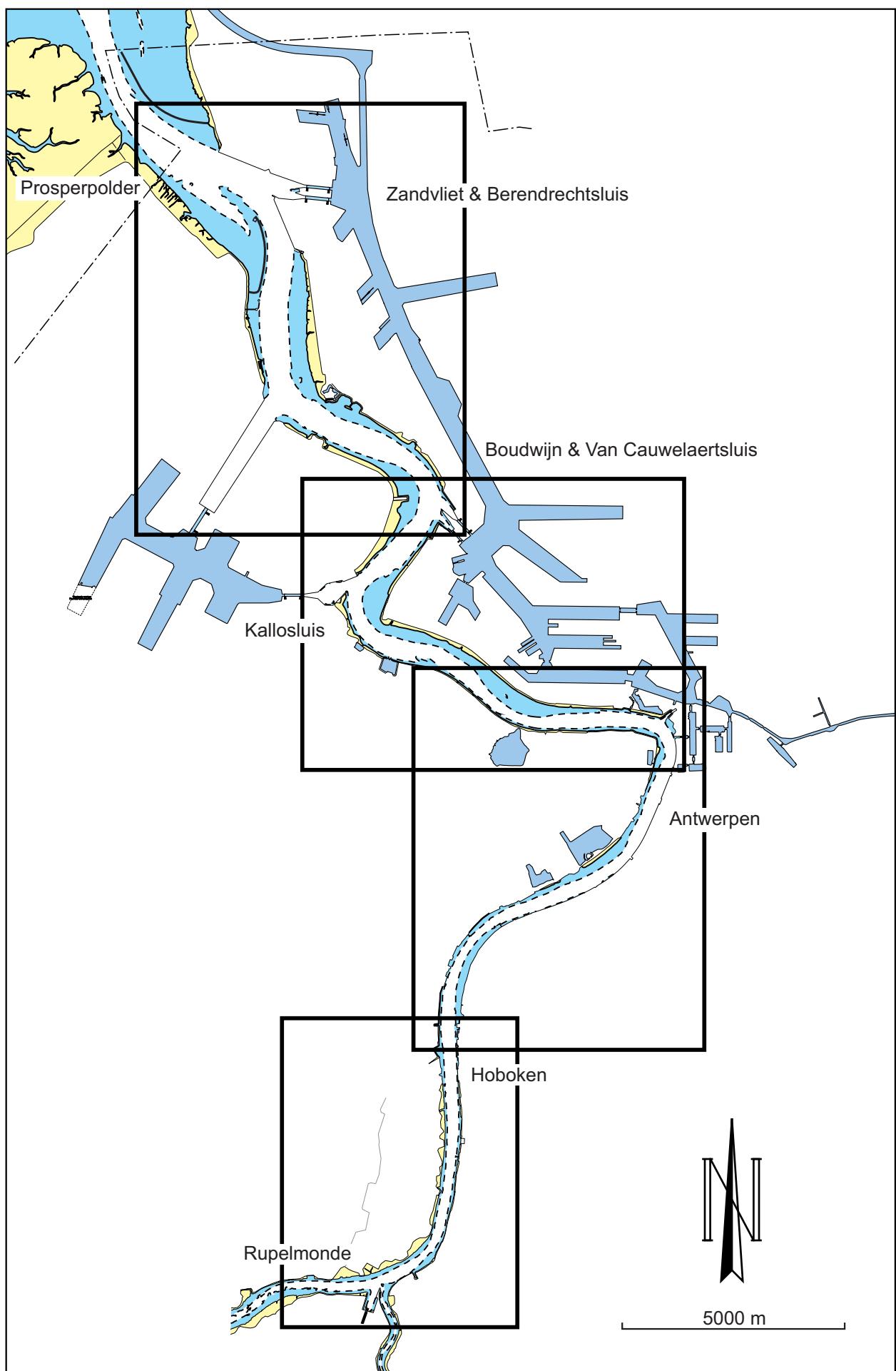
Tide	Amplitude at Antwerp [m]	Tidal Coefficient k [-]
Neap	4.43	0.84
Average	5.29	1
Spring	5.95	1.12





# **STROOMATLAS BENEDEN ZEESCHELDE**

## **OVERZICHTSKAART**



# **STROOMATLAS BENEDEN ZEESCHELDE**

vak Prosperpolder - Boudewijnsluis

**SPRINGTIJ**

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Departement Mobiliteit en Openbare Werken  
Waterbouwkundig Laboratorium*

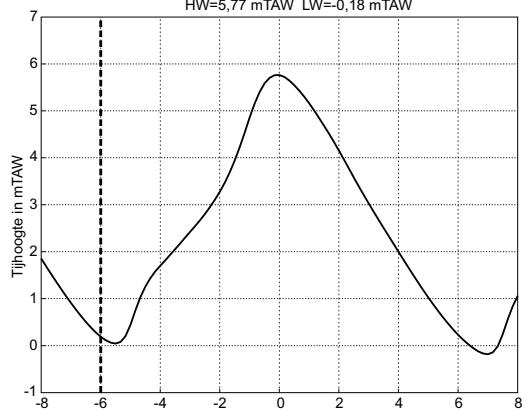
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te Antwerpen

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Hydraulics Research

Flanders  
State of the Art

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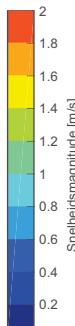
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→ 1 kn

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model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

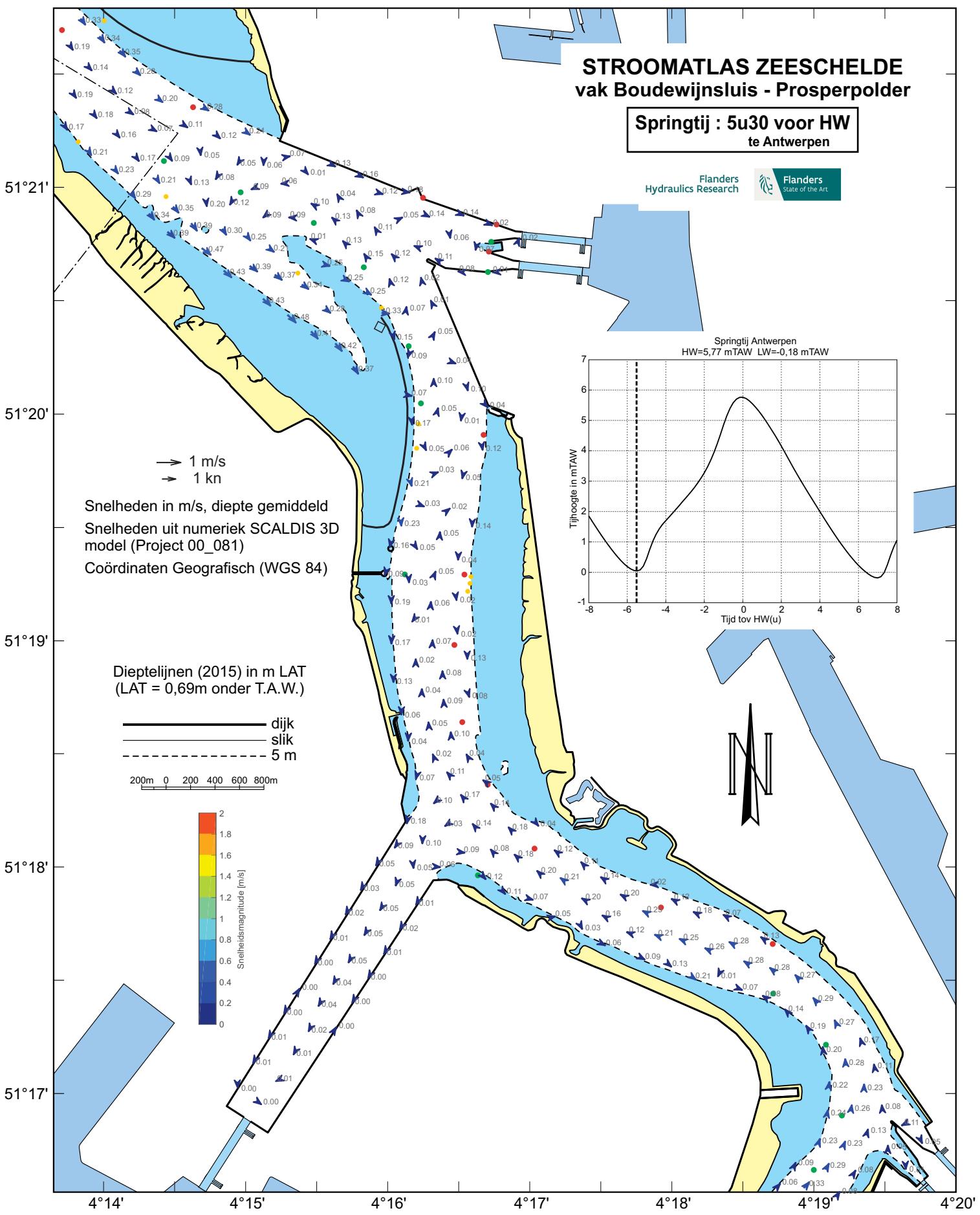
Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

dijk  
slik  
--- 5 m

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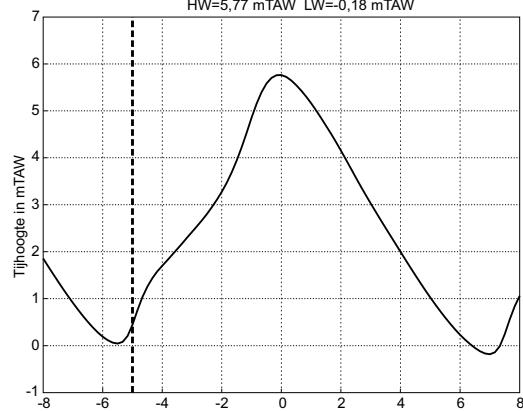
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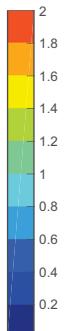
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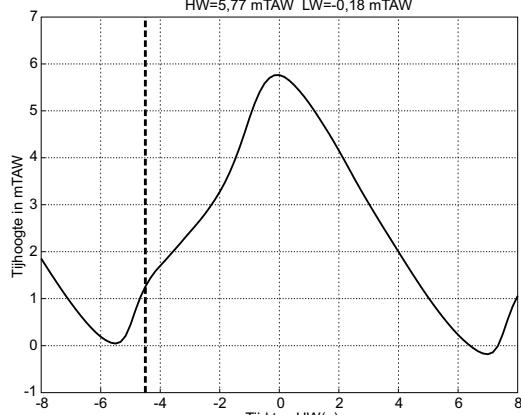
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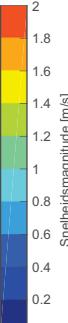
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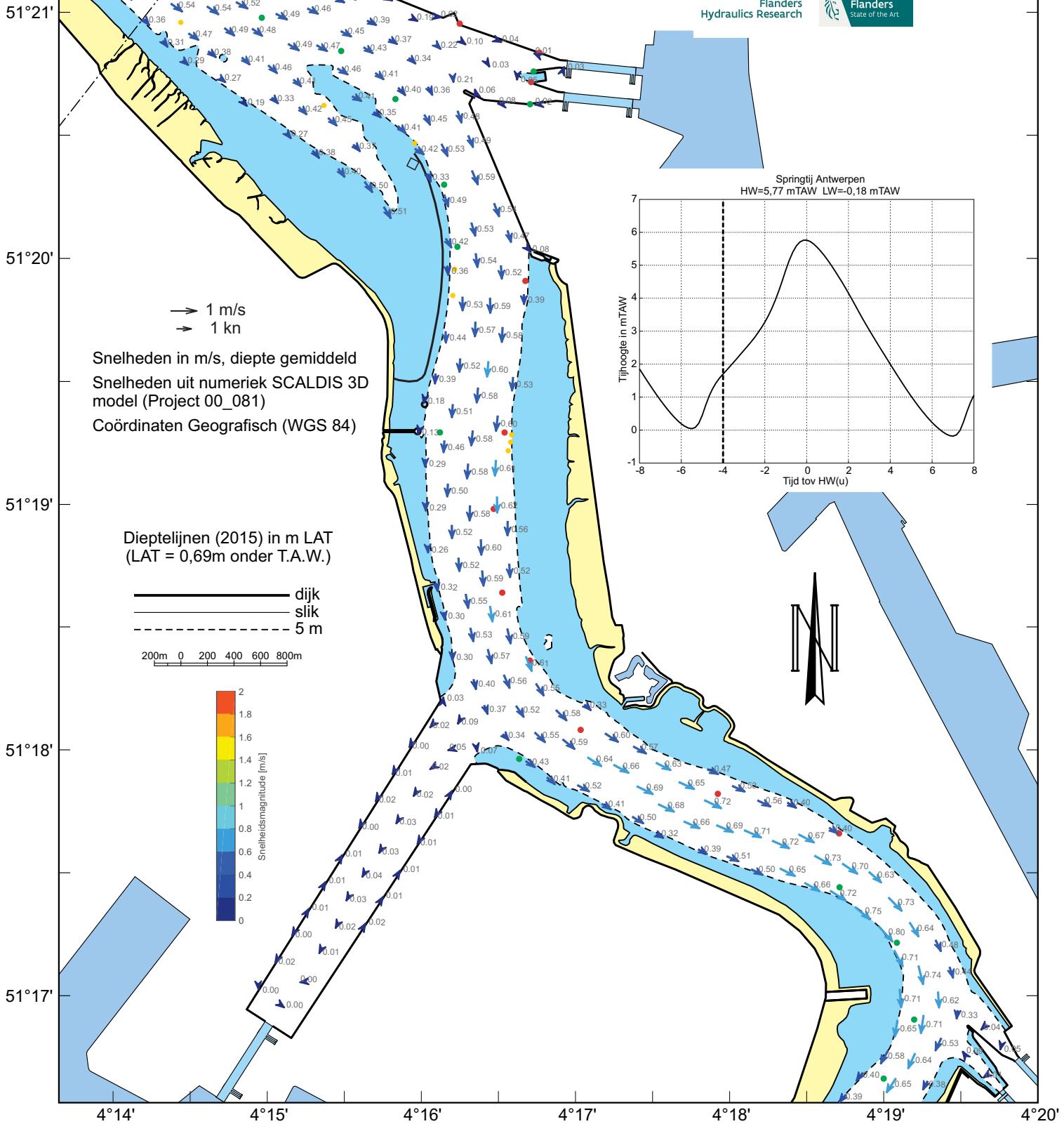
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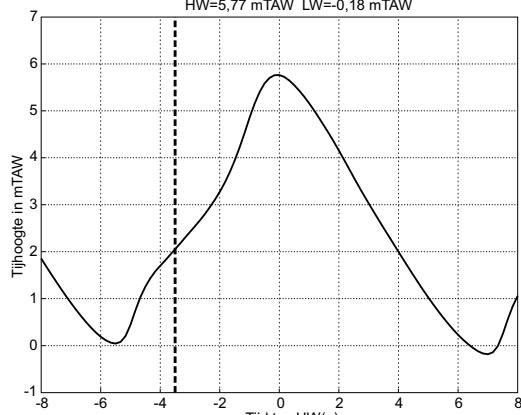
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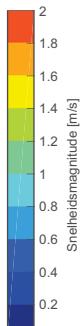
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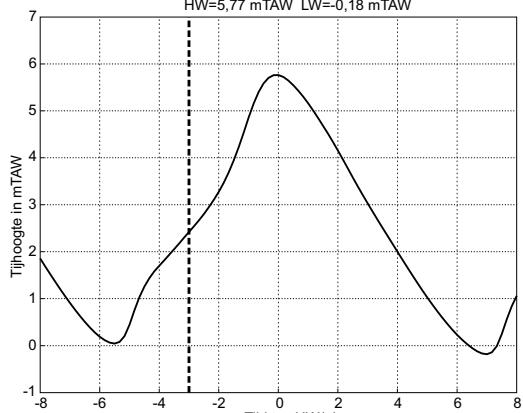
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vak Boudewijnsluis - Prosperpolder

Springij : 3u00 voor HW  
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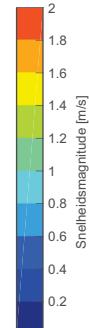
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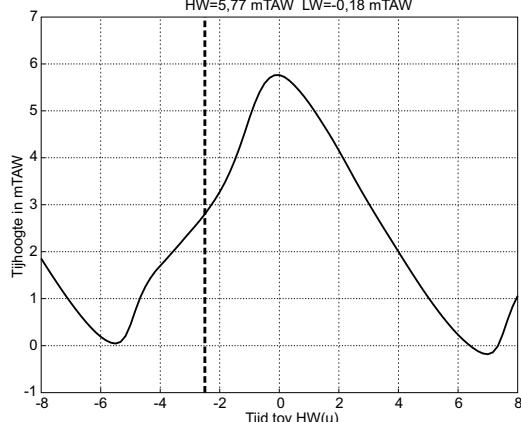
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State of the Art

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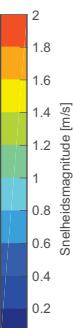
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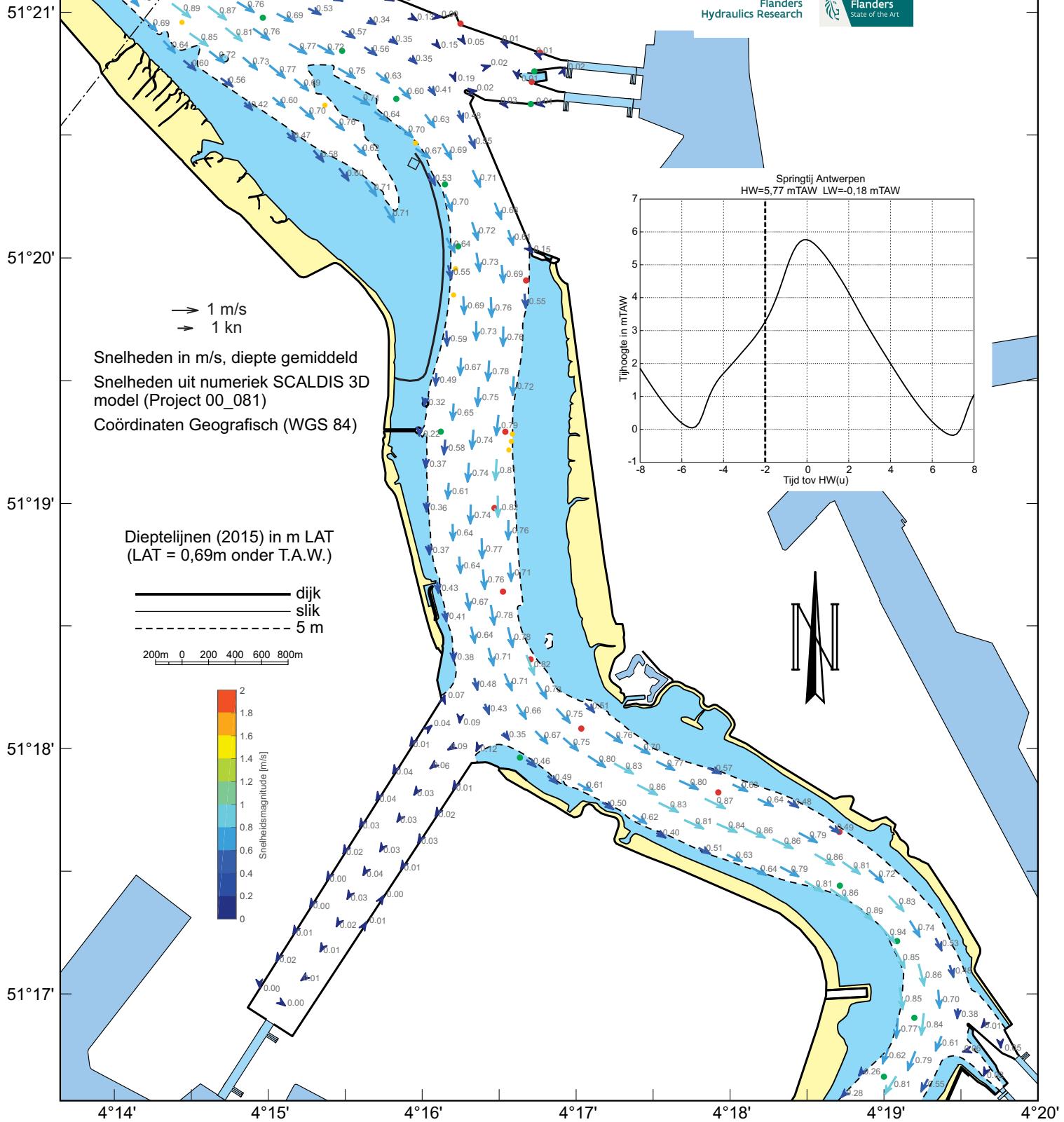
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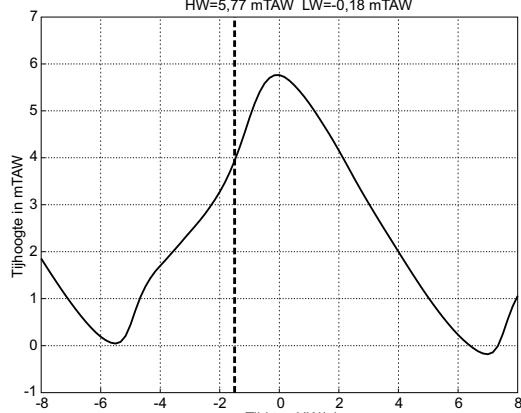
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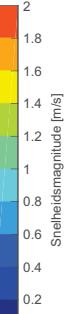
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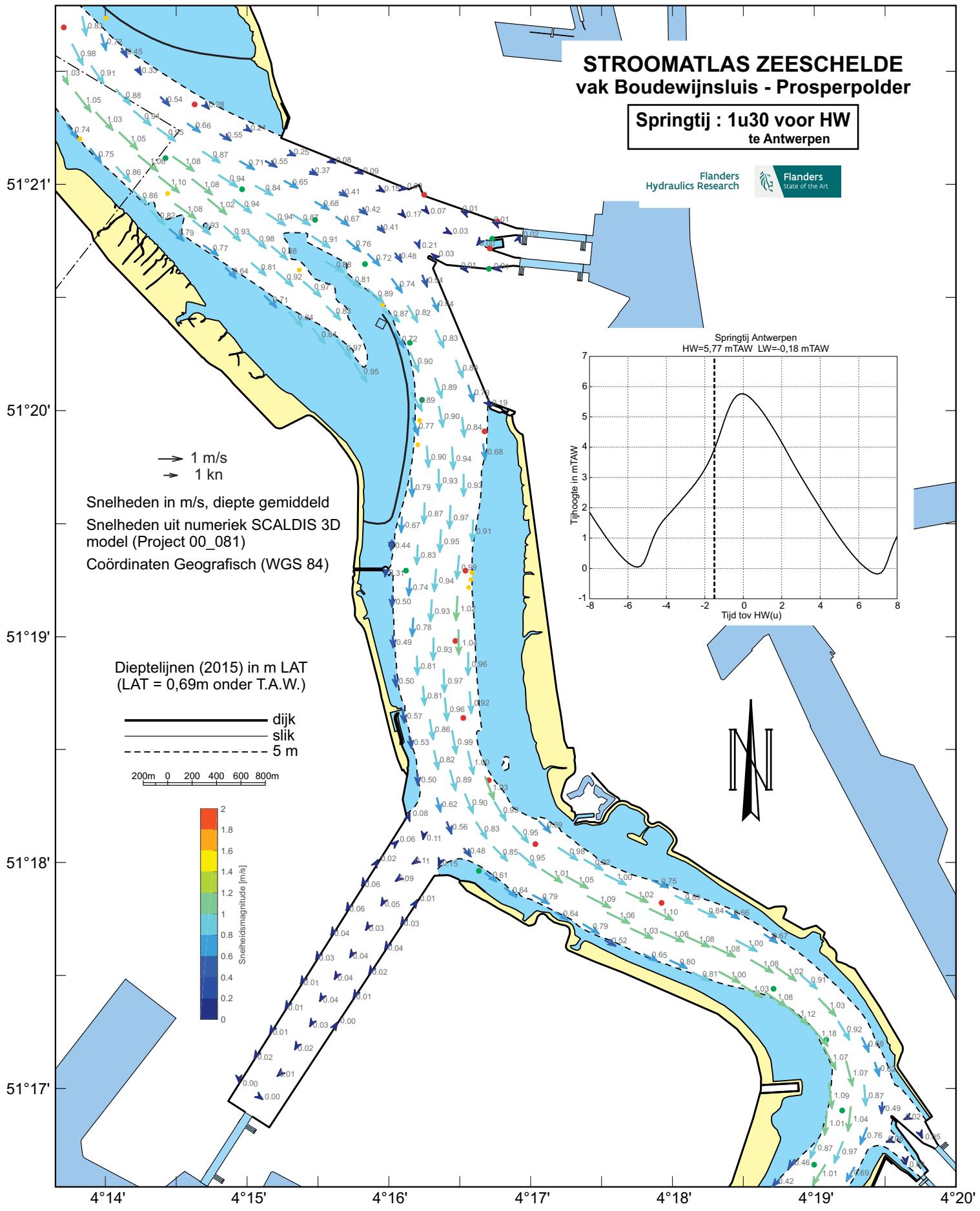
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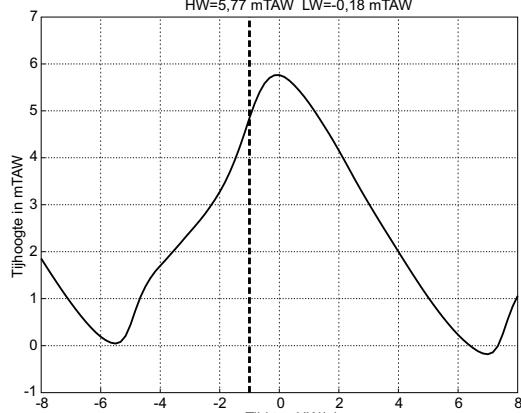
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Flanders  
Hydraulics Research

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State of the Art

Springij Antwerpen  
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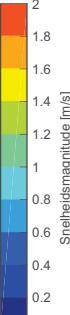
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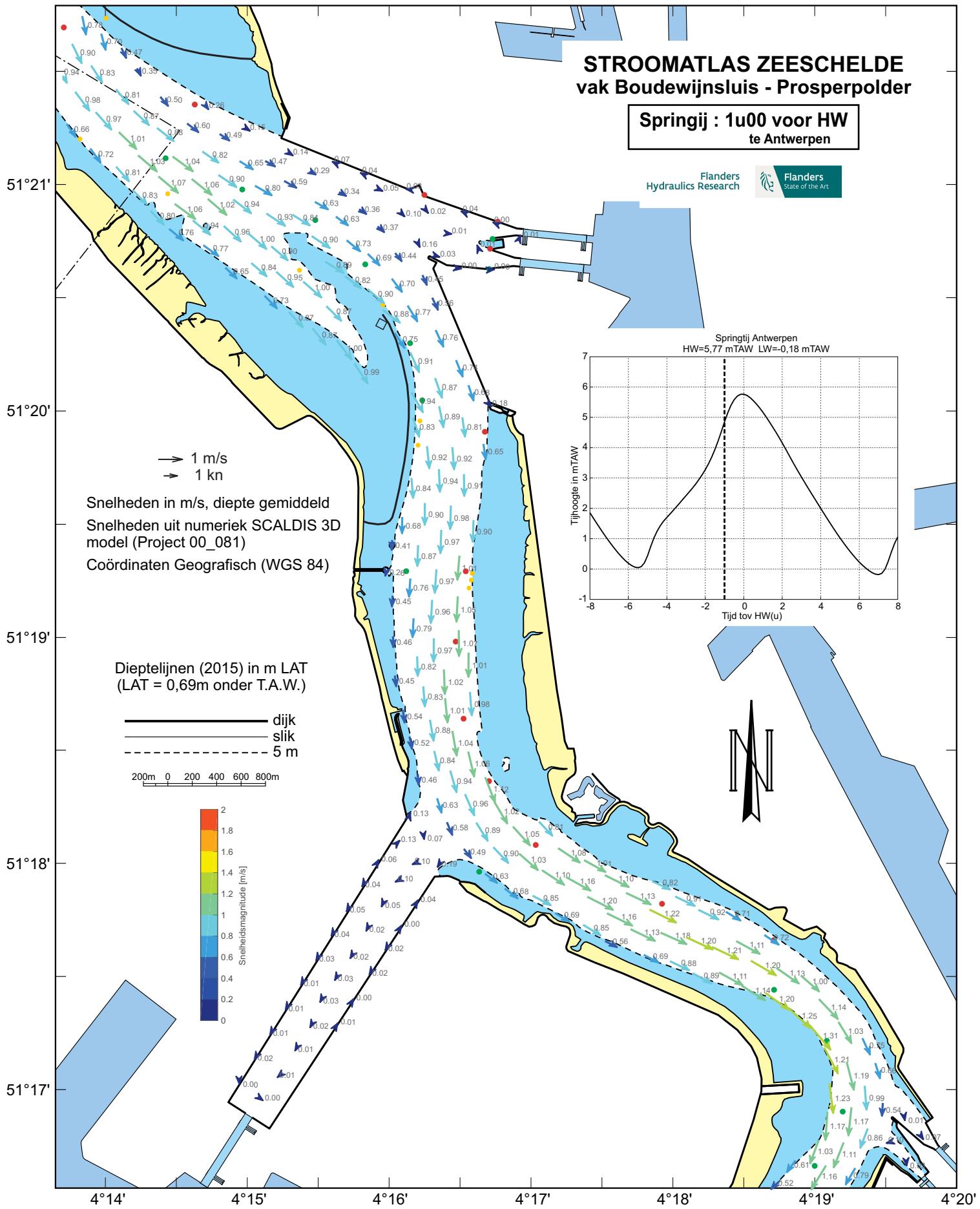
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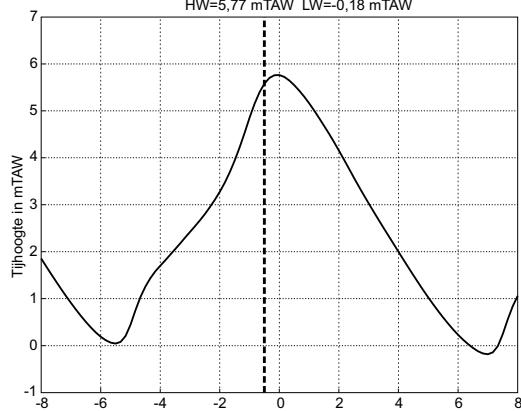
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Springtij Antwerpen  
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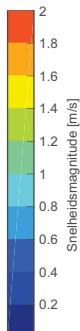
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Snelheden uit numeriek SCALDIS 3D  
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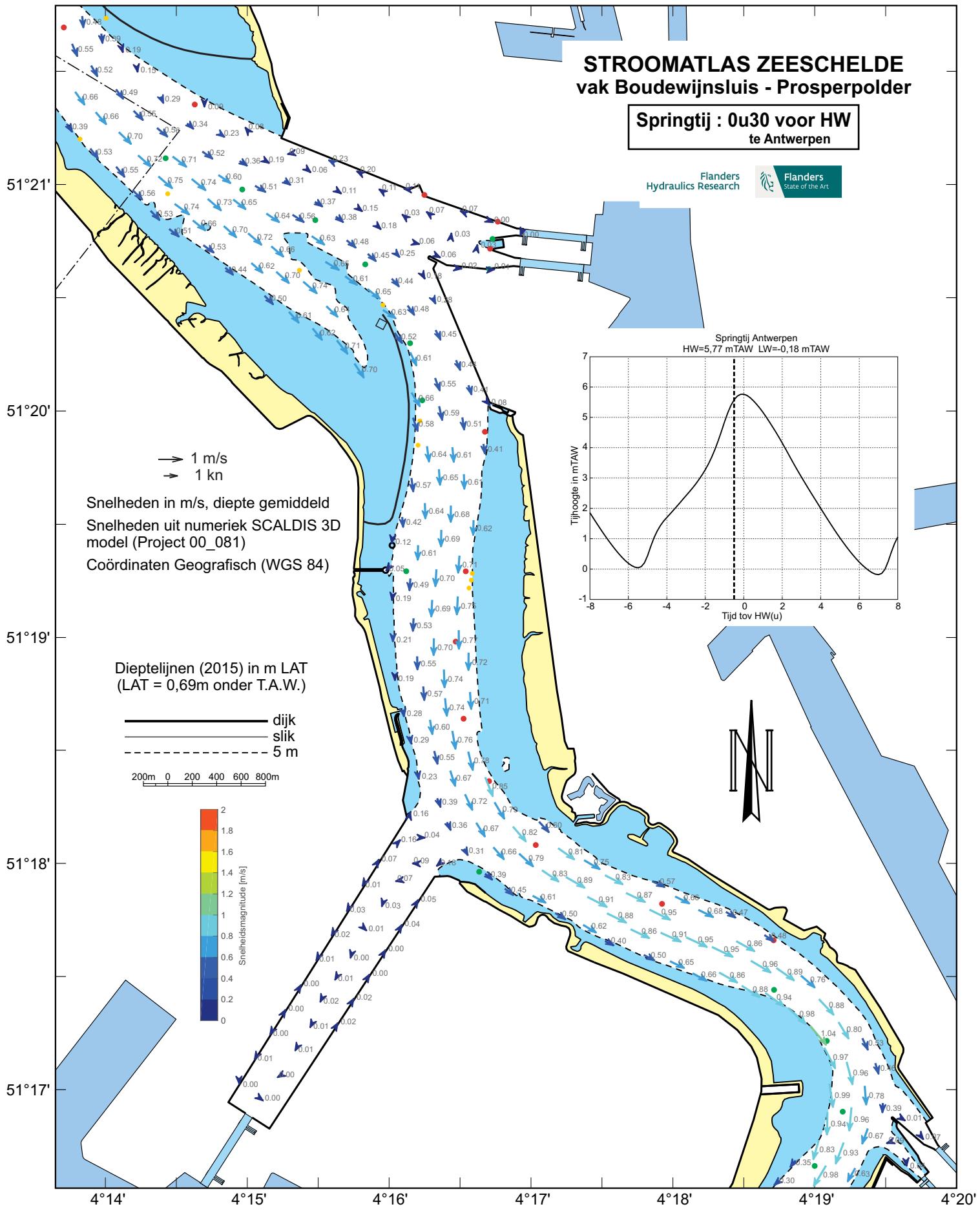
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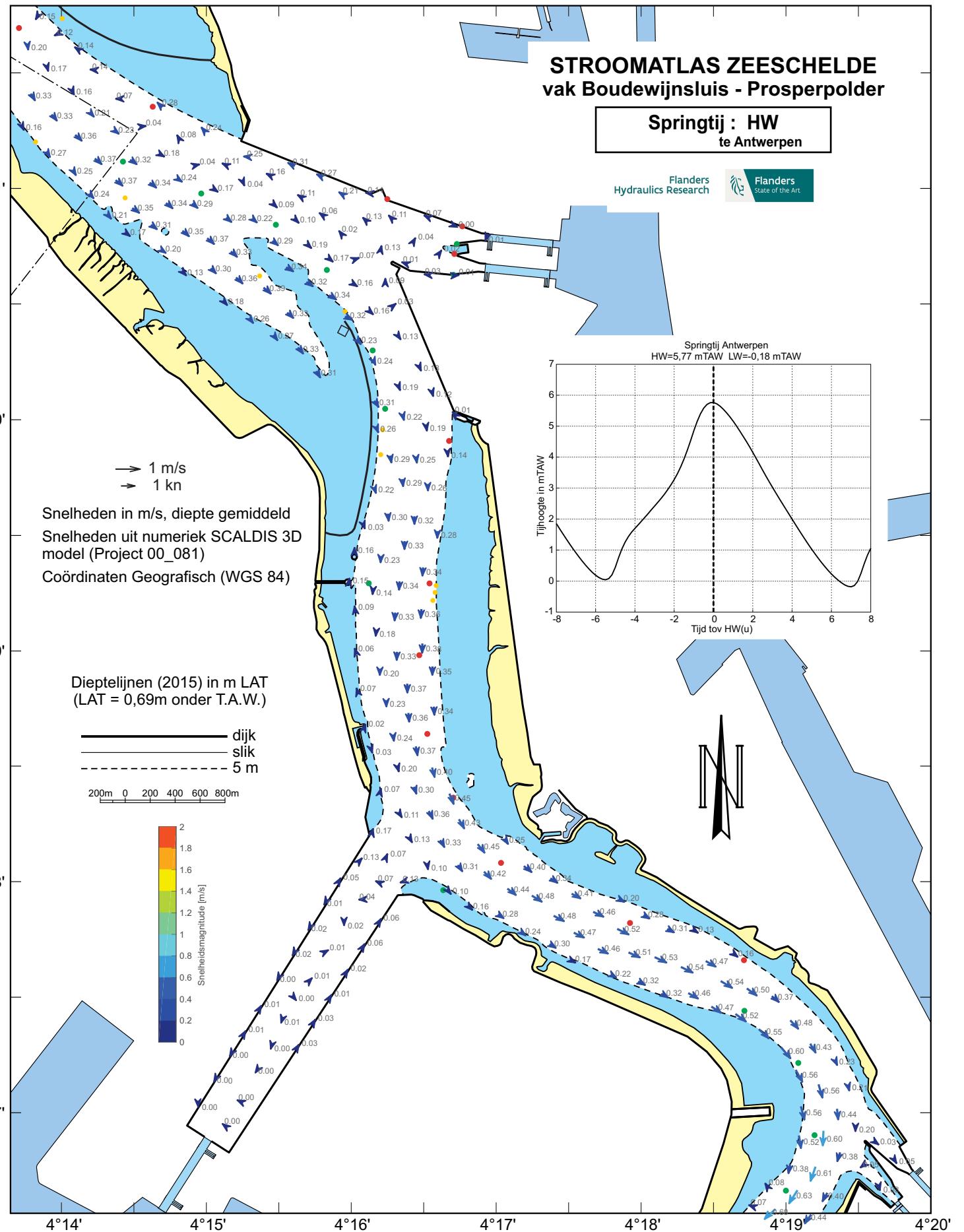
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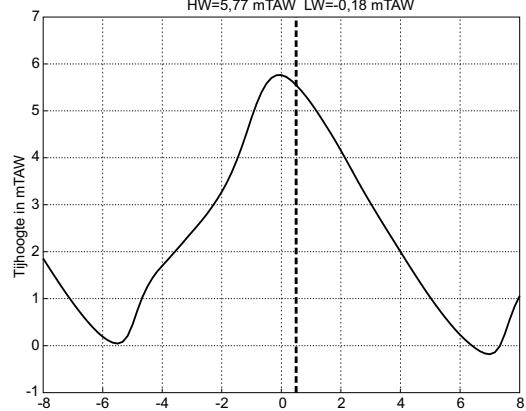
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Springtij : 0u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

Springtij Antwerpen  
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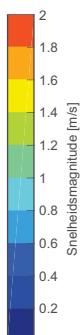
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

dijk  
slik  
- - - 5 m

200m 0 200 400 600 800m



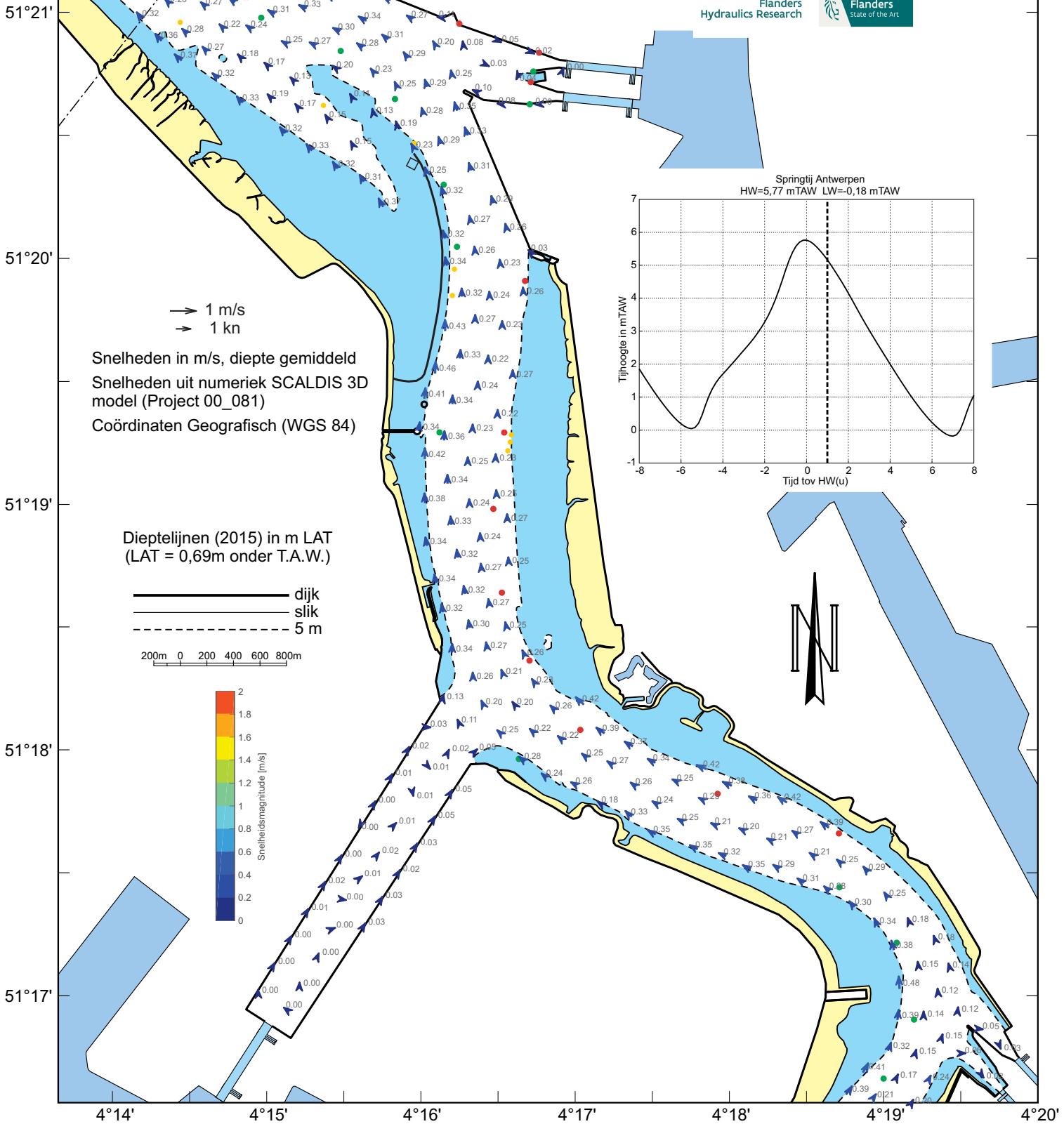
4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'

**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Springtij : 1u00 na HW  
te Antwerpen

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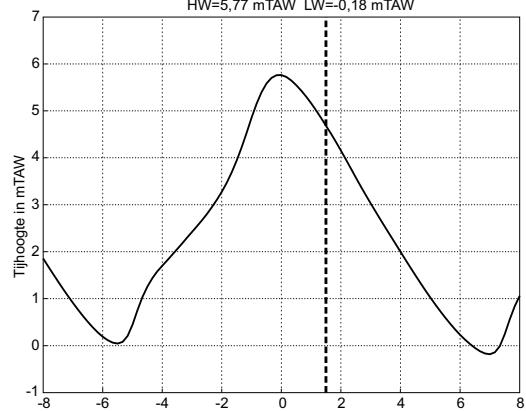
# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Springtij : 1u30 na HW  
te Antwerpen

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Hydraulics Research

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Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



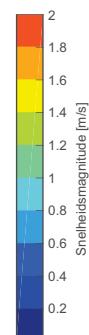
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

— dijk  
— slijk  
- - - 5 m

200m 0 200 400 600 800m



4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'

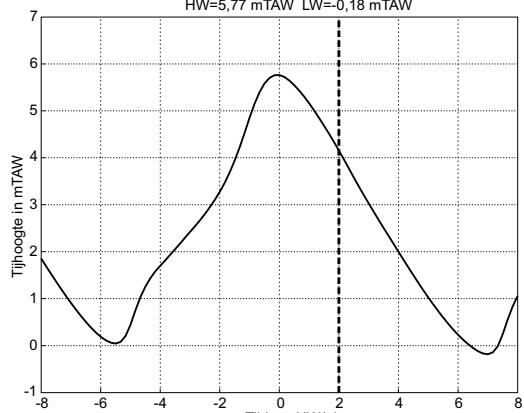
# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Springtij : 2u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

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State of the Art

Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



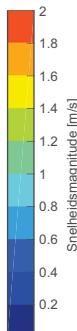
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

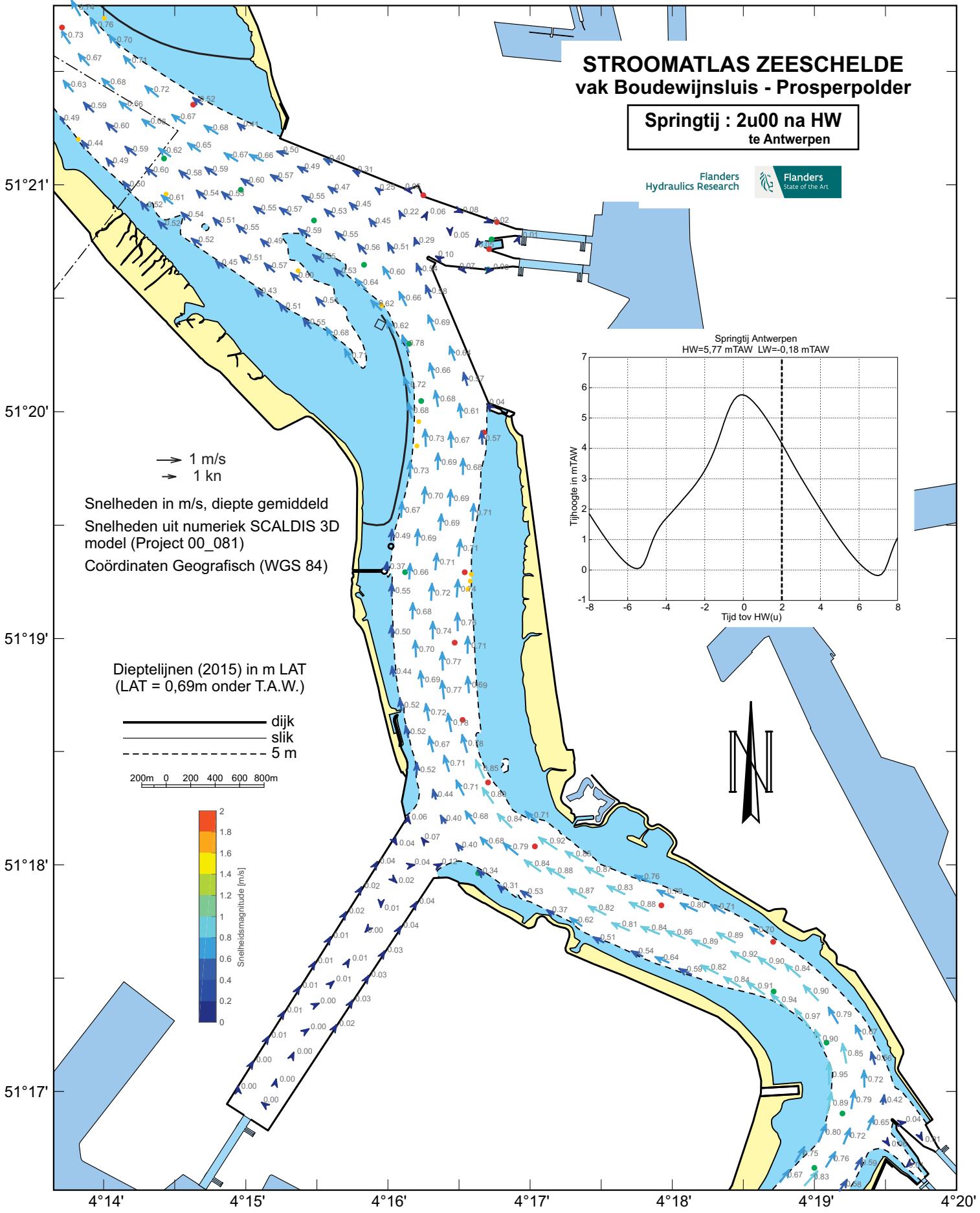
Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

— dijk  
— slik  
- - - 5 m

200m 0 200 400 600 800m



4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'

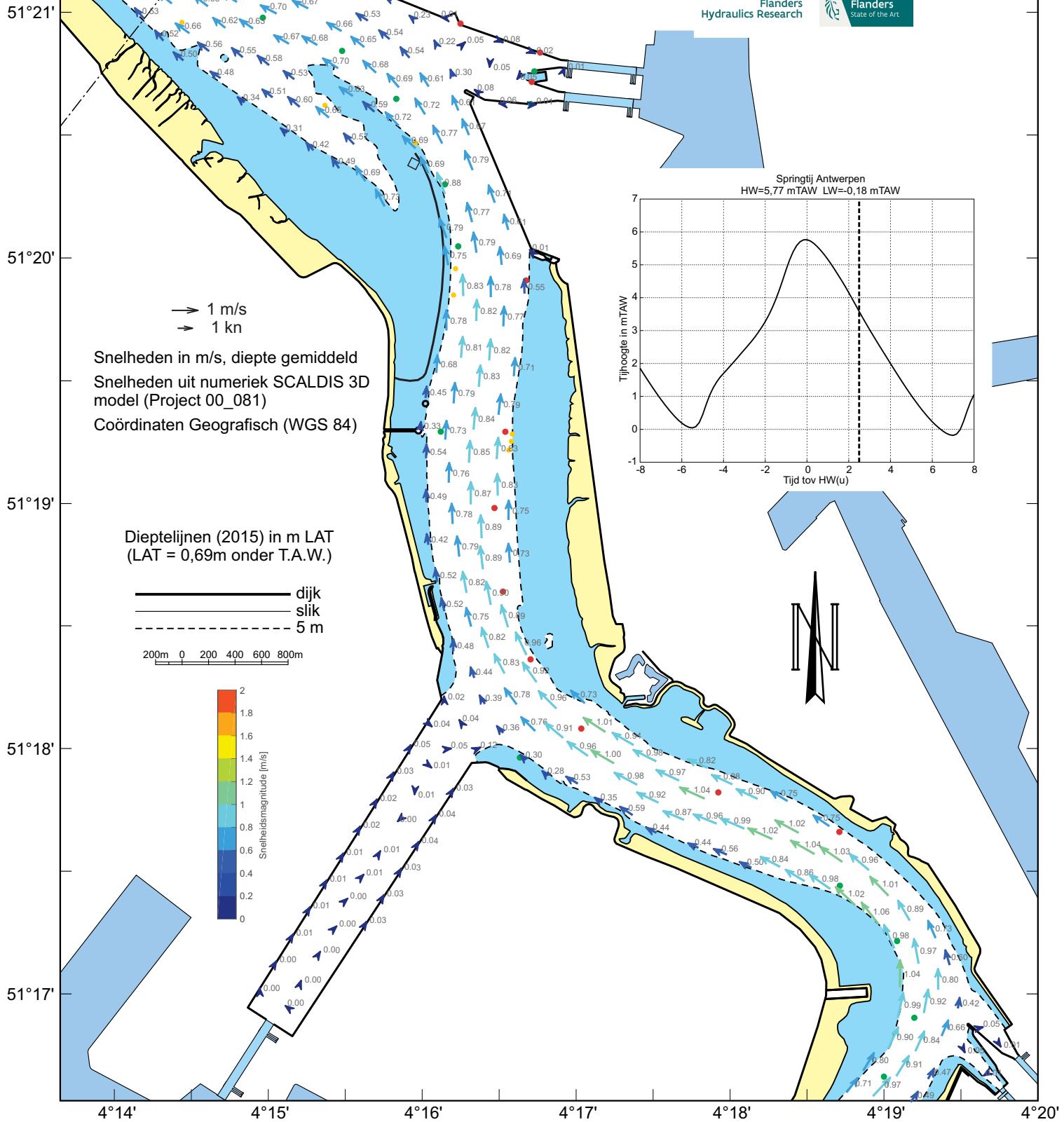


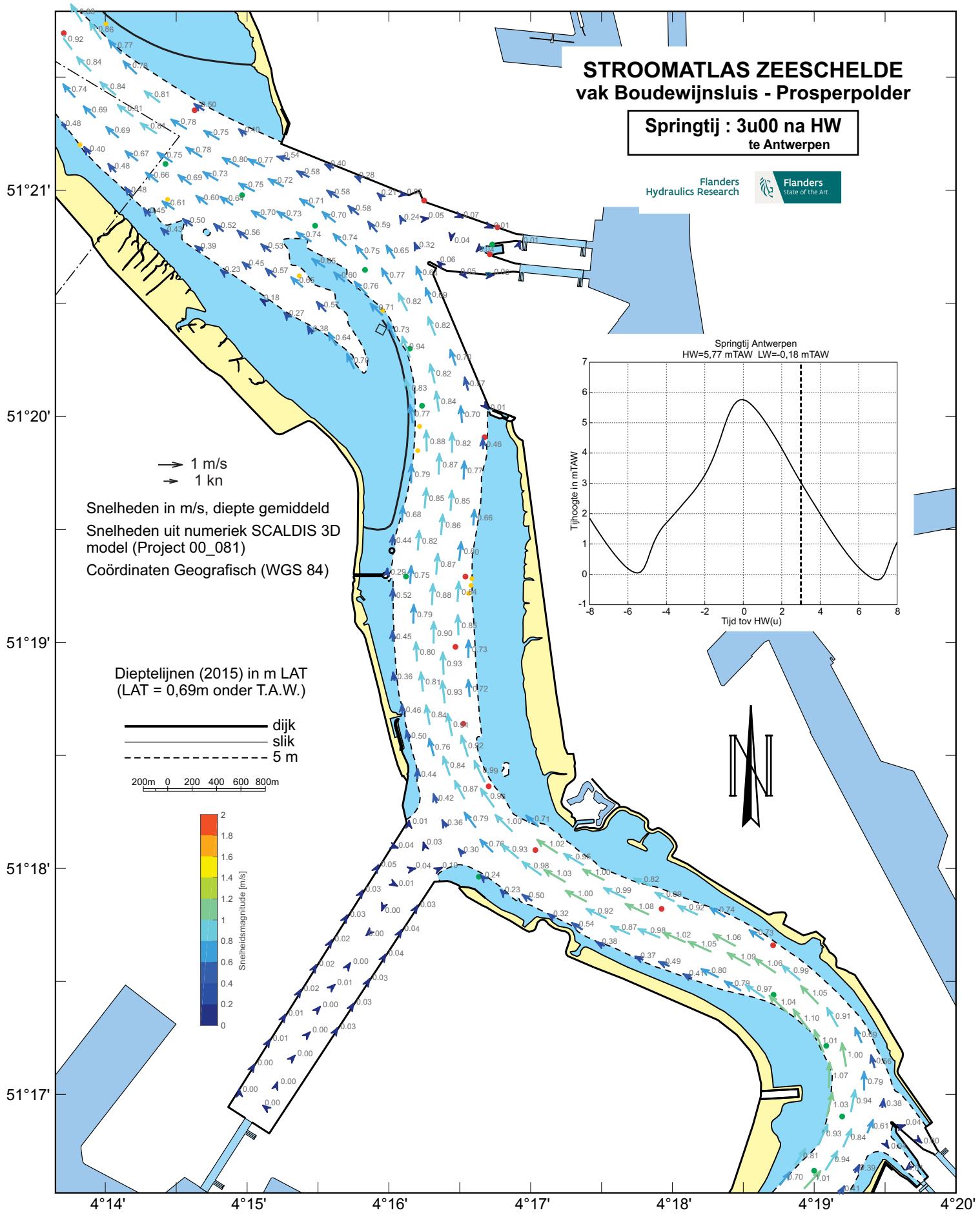
**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Springtij : 2u30 na HW  
te Antwerpen

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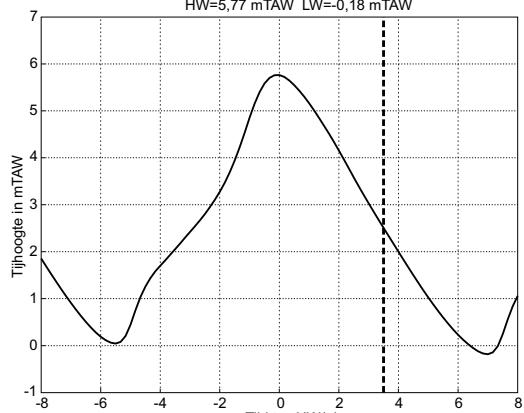
**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Springtij : 3u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

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State of the Art

Springtij Antwerpen  
HW=5,77 mTAW LW=0,18 mTAW



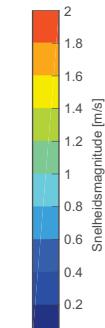
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

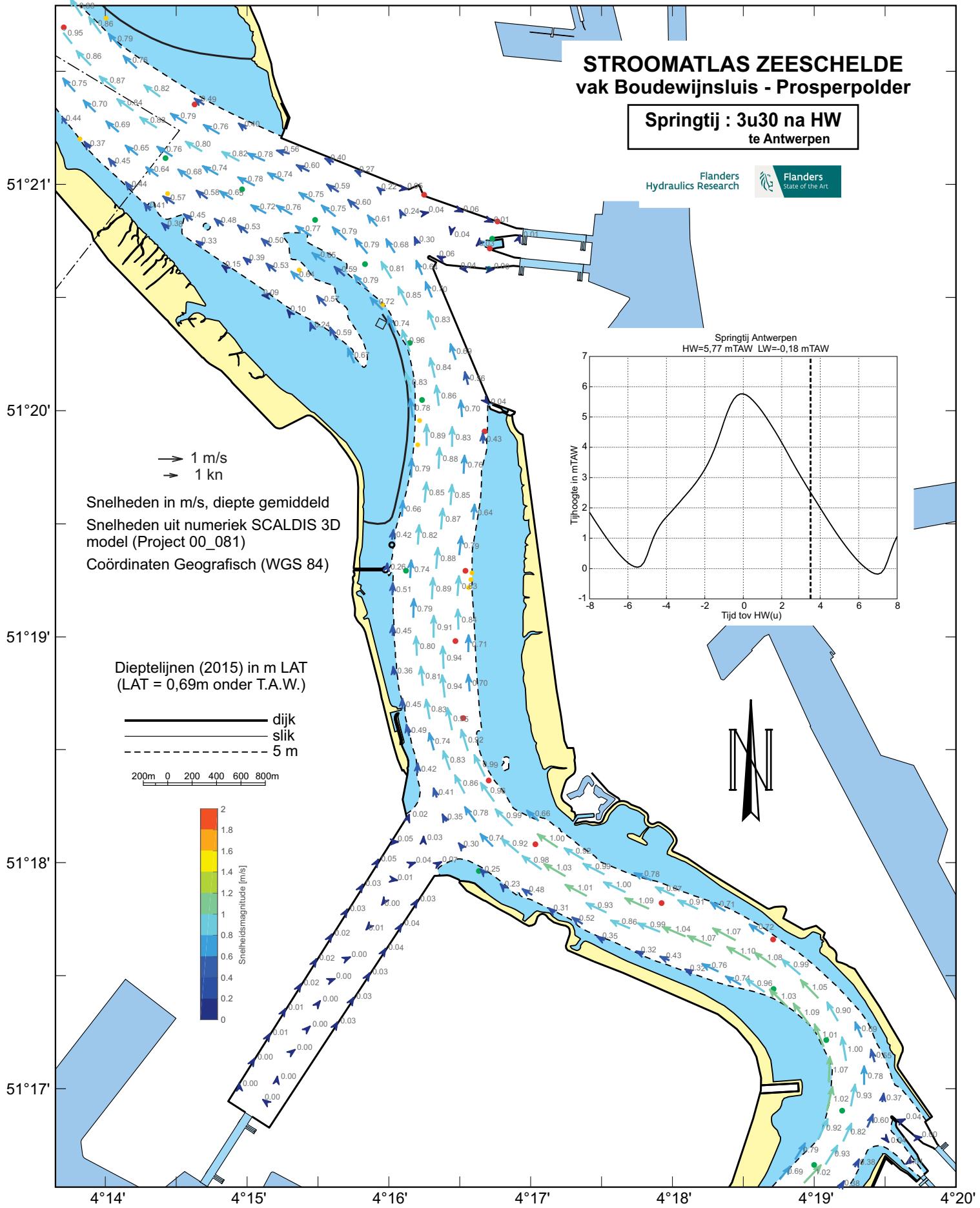
Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

— dijk  
— slik  
- - - 5 m

200m 0 200 400 600 800m



4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'



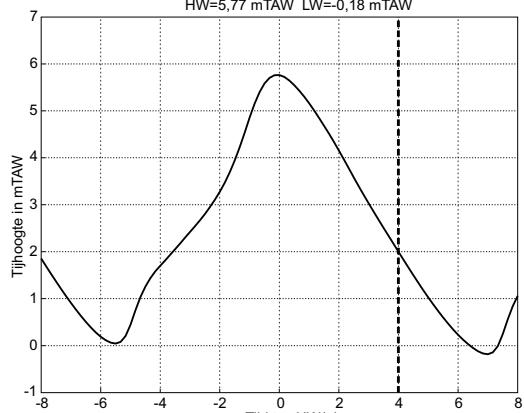
**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Springtij : 4u00 na HW  
te Antwerpen

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Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



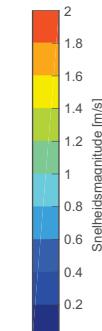
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

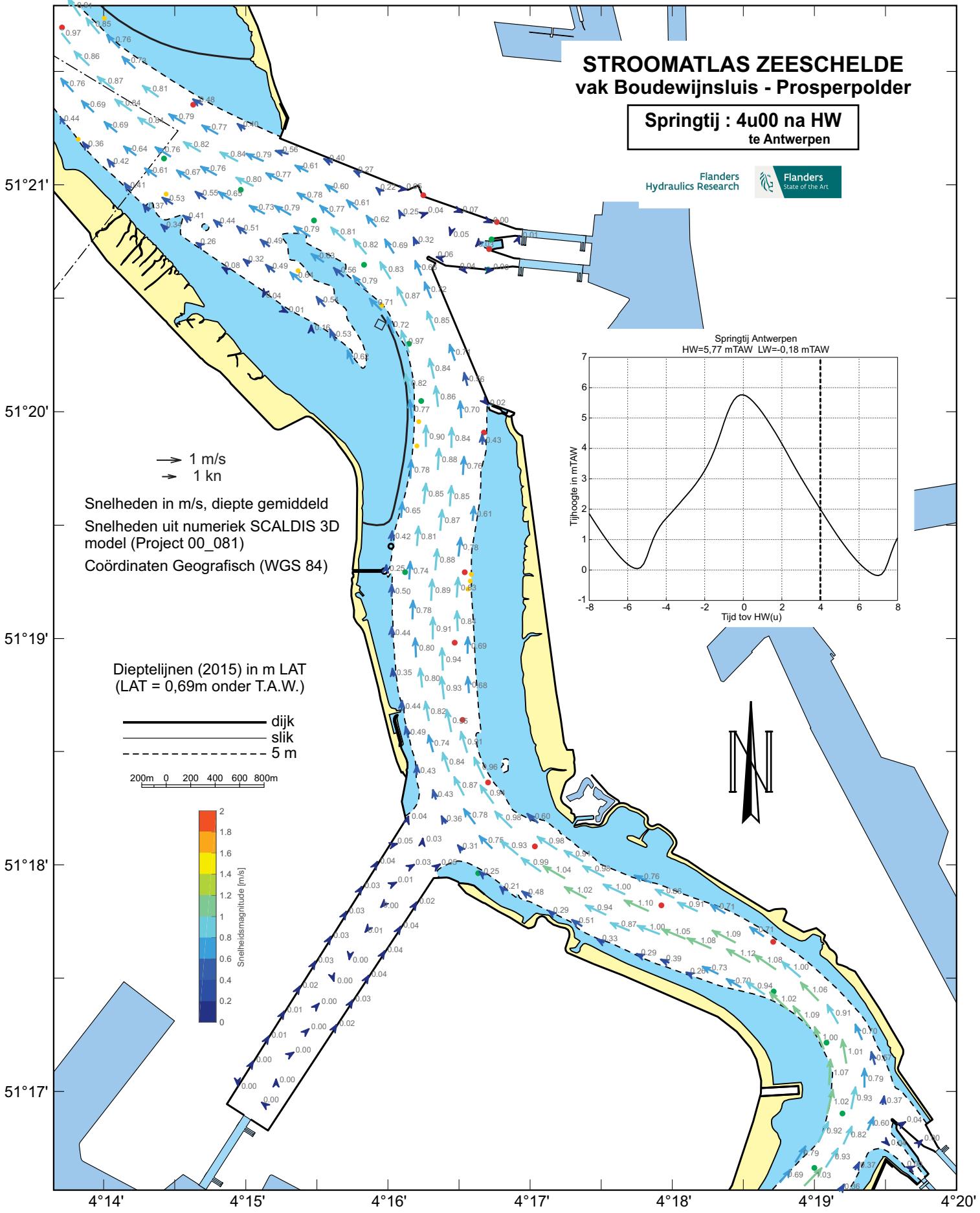
Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

— dijk  
— slik  
- - - 5 m

200m 0 200 400 600 800m



4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'



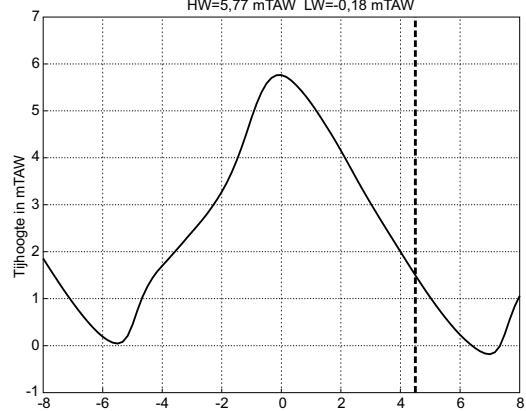
**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Springtij : 4u30 na HW  
te Antwerpen

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Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



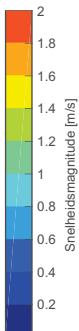
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

— dijk  
— slik  
- - - 5 m

200m 0 200 400 600 800m



4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'

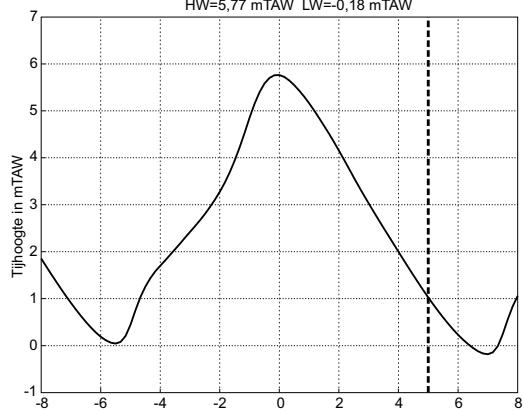
# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Springtij : 5u00 na HW  
te Antwerpen

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Springtij Antwerpen  
HW=5,77 mTAW LW=0,18 mTAW



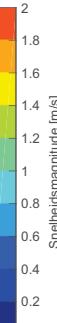
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

dijk  
slik  
5 m

200m 0 200 400 600 800m



4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'

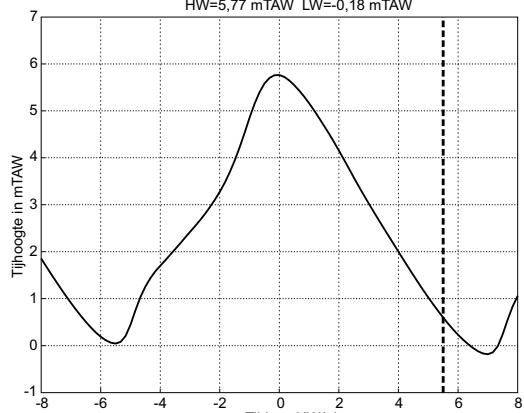
**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Springtij : 5u30 na HW  
te Antwerpen

Flanders  
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State of the Art

Springtij Antwerpen  
HW=5,77 mTAW LW=0,18 mTAW



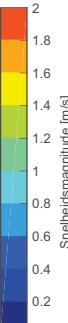
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

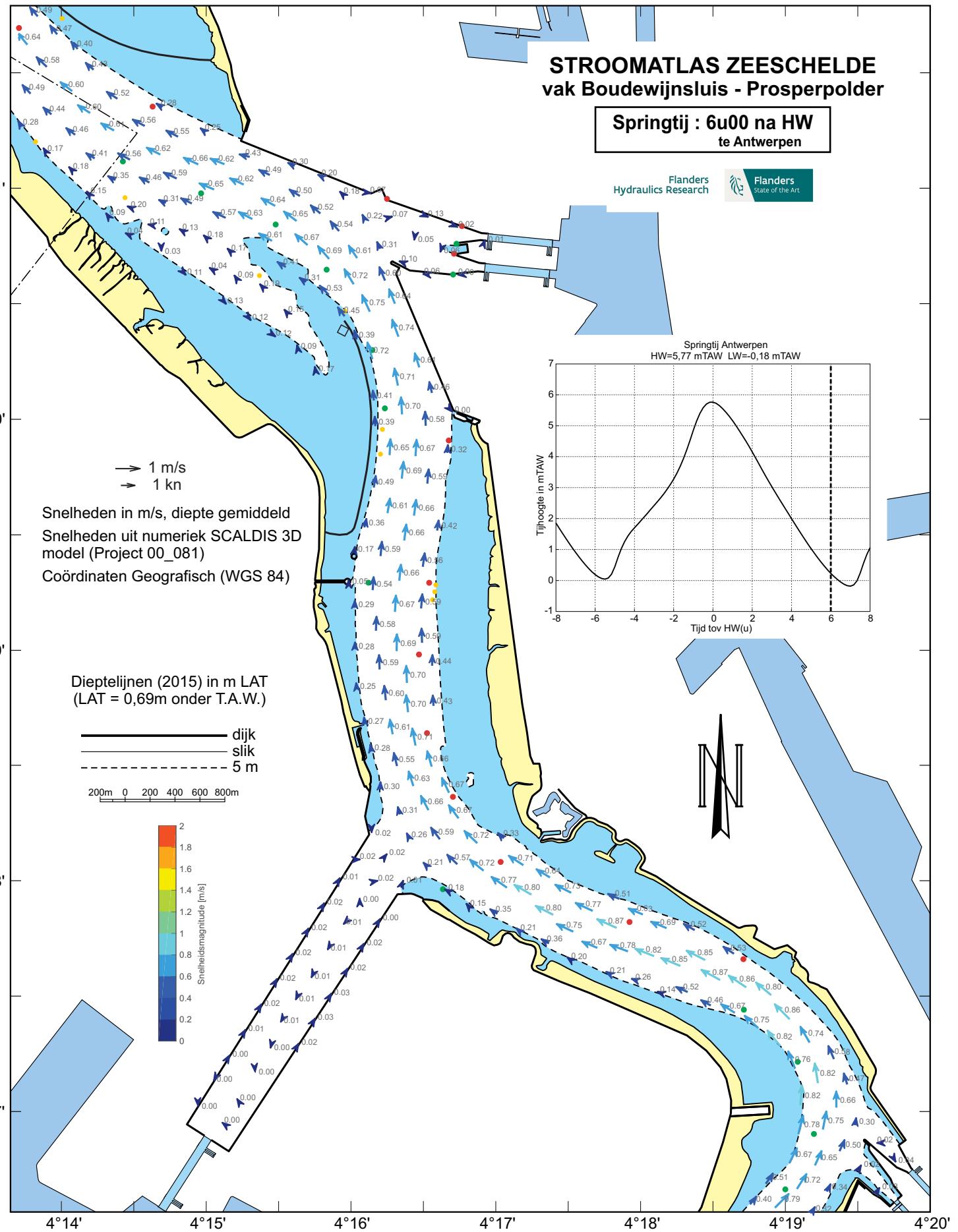
Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

— dijk  
— slijk  
--- 5 m

200m 0 200 400 600 800m



4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'



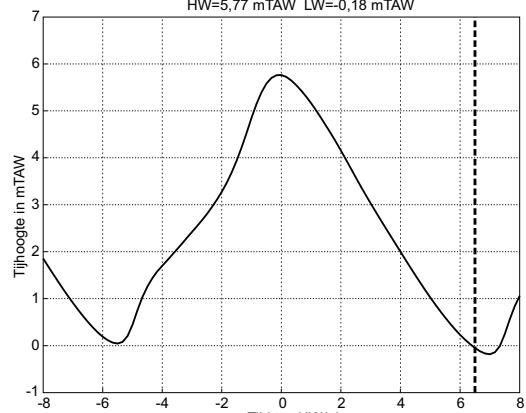
**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Springtij : 6u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

Springtij Antwerpen  
HW=5,77 mTAW LW=0,18 mTAW



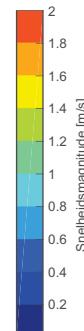
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

dijk  
slik  
- - - 5 m

200m 0 200 400 600 800m



4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'



# **STROOMATLAS BENEDEN ZEESCHELDE**

vak Prosperpolder - Boudewijnsluis

**GEMIDDELD GETIJ**

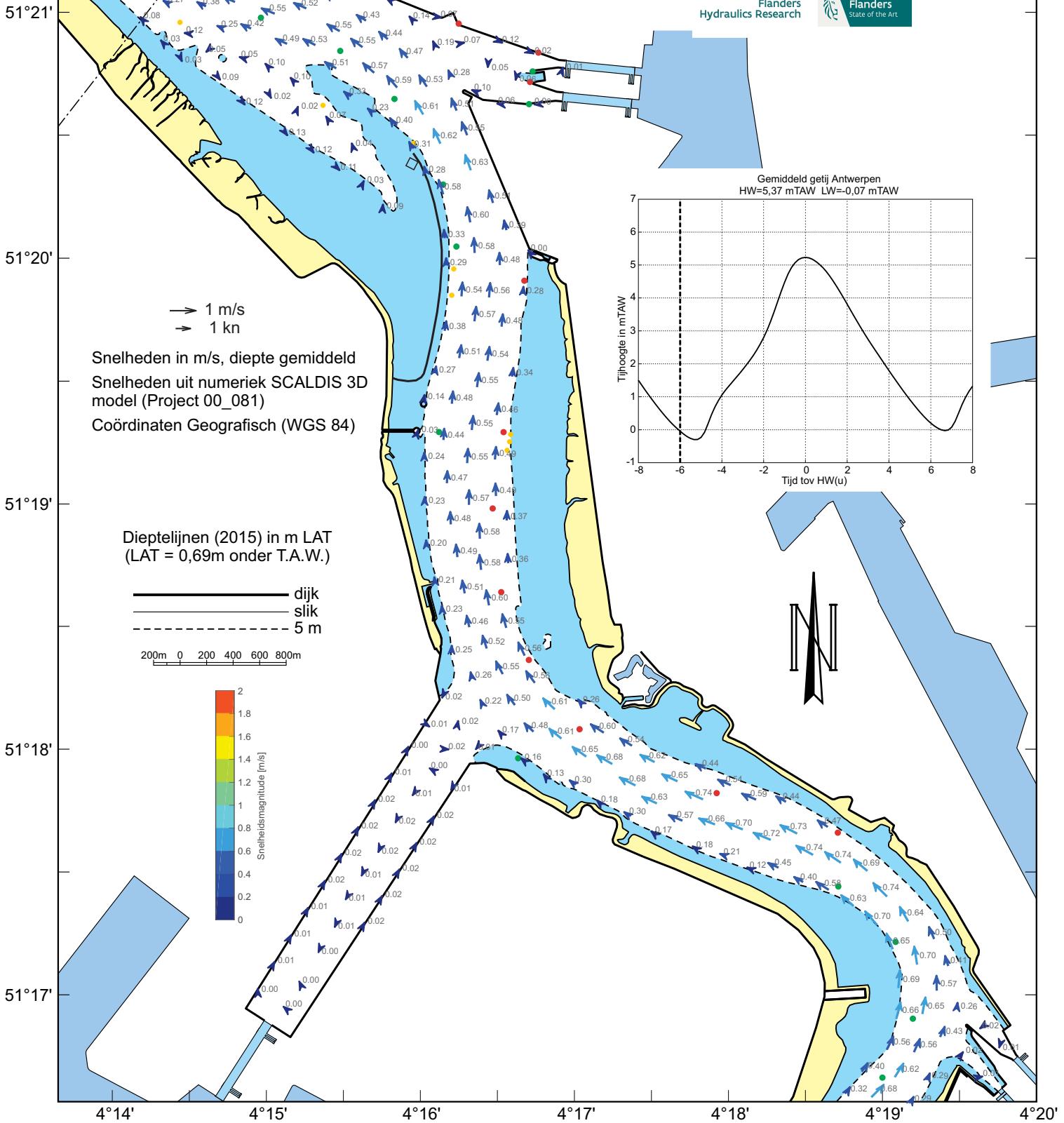
*Vlaamse overheid  
Departement Mobiliteit en Openbare Werken  
Waterbouwkundig Laboratorium*

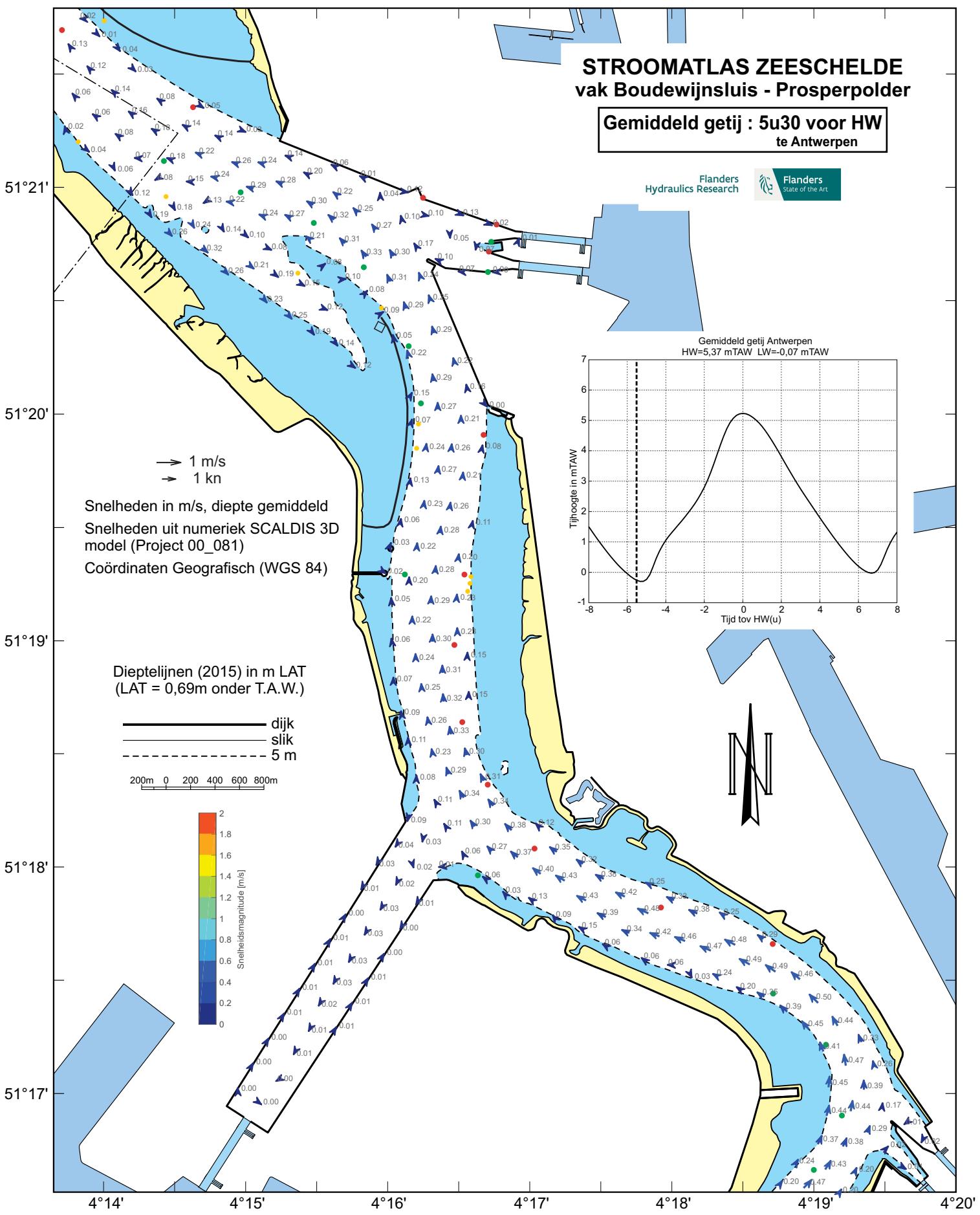
# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 6u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art





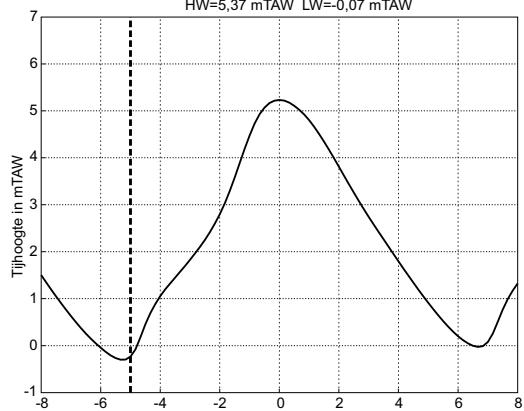
**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 5u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



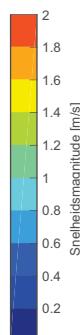
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

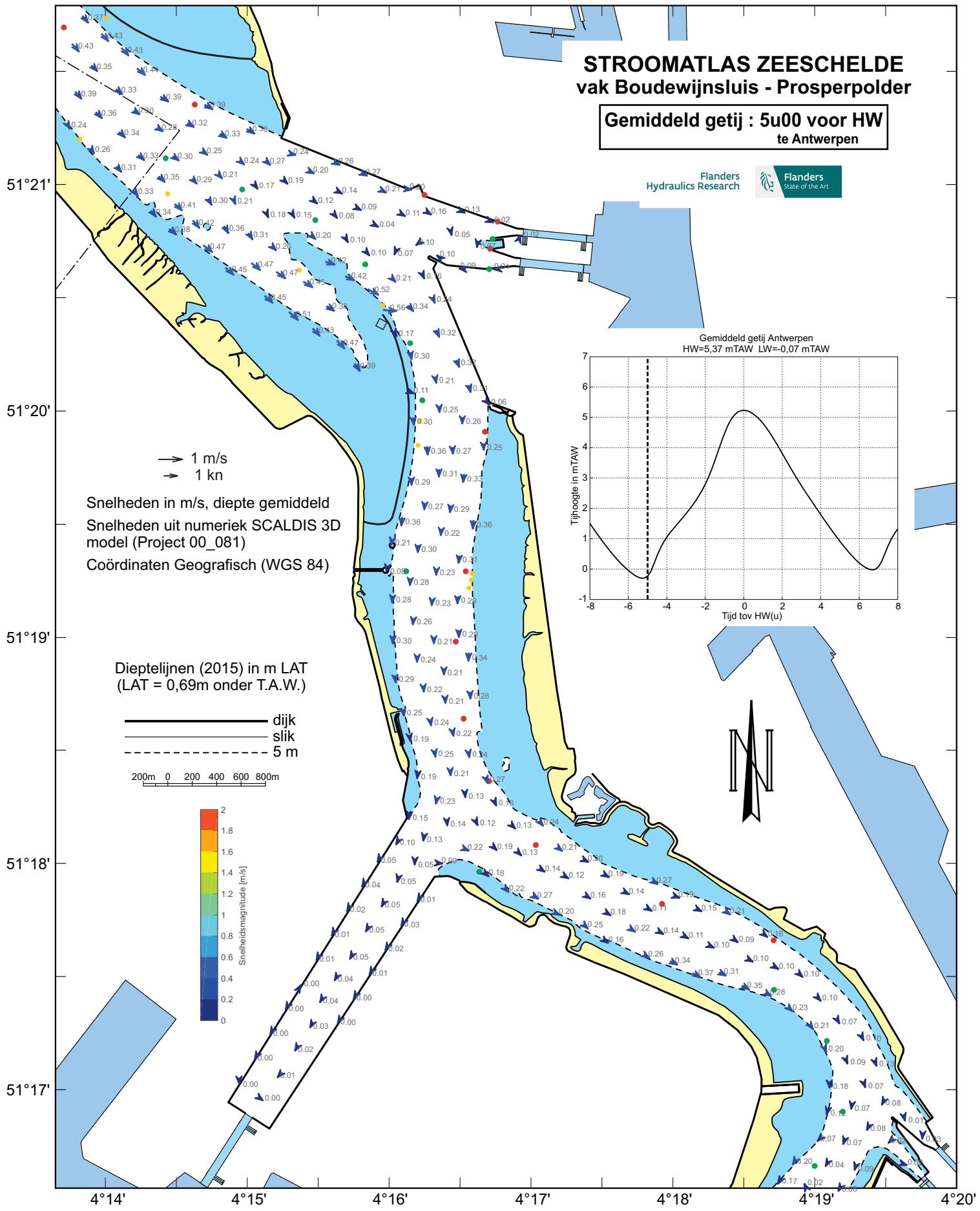
Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

— dijk  
— slik  
- - - 5 m

200m 0 200 400 600 800m



4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'



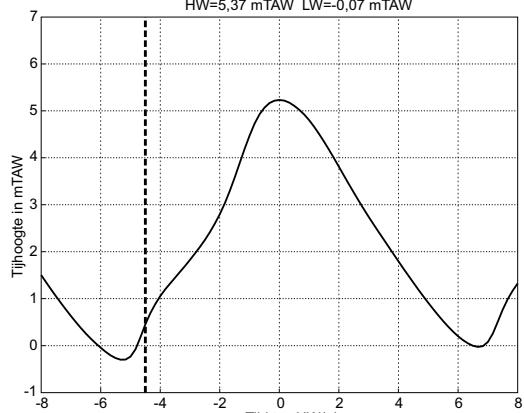
# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 4u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

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Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



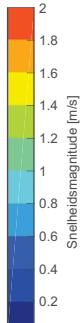
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

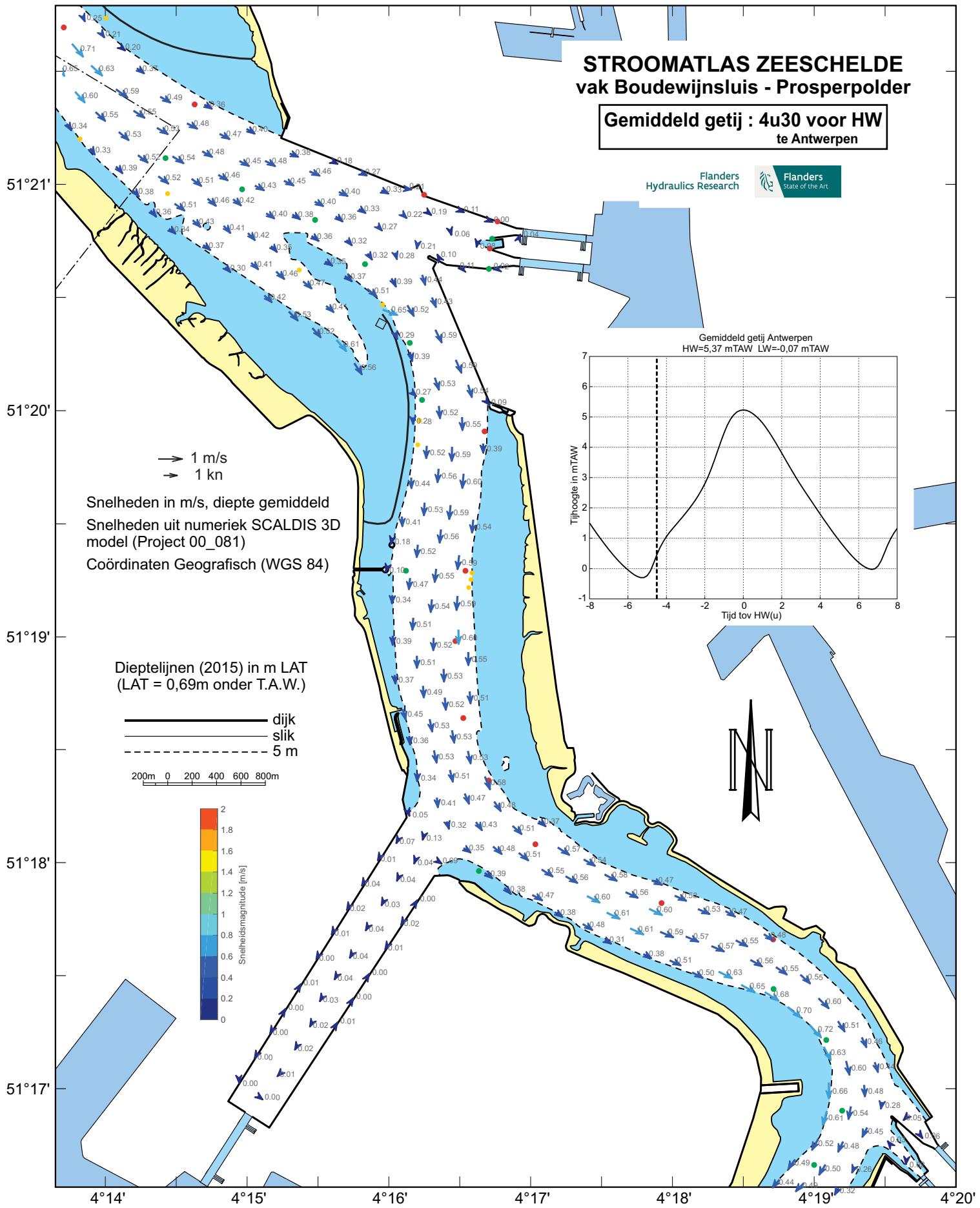
Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

— dijk  
— slik  
- - - 5 m

200m 0 200 400 600 800m



4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'

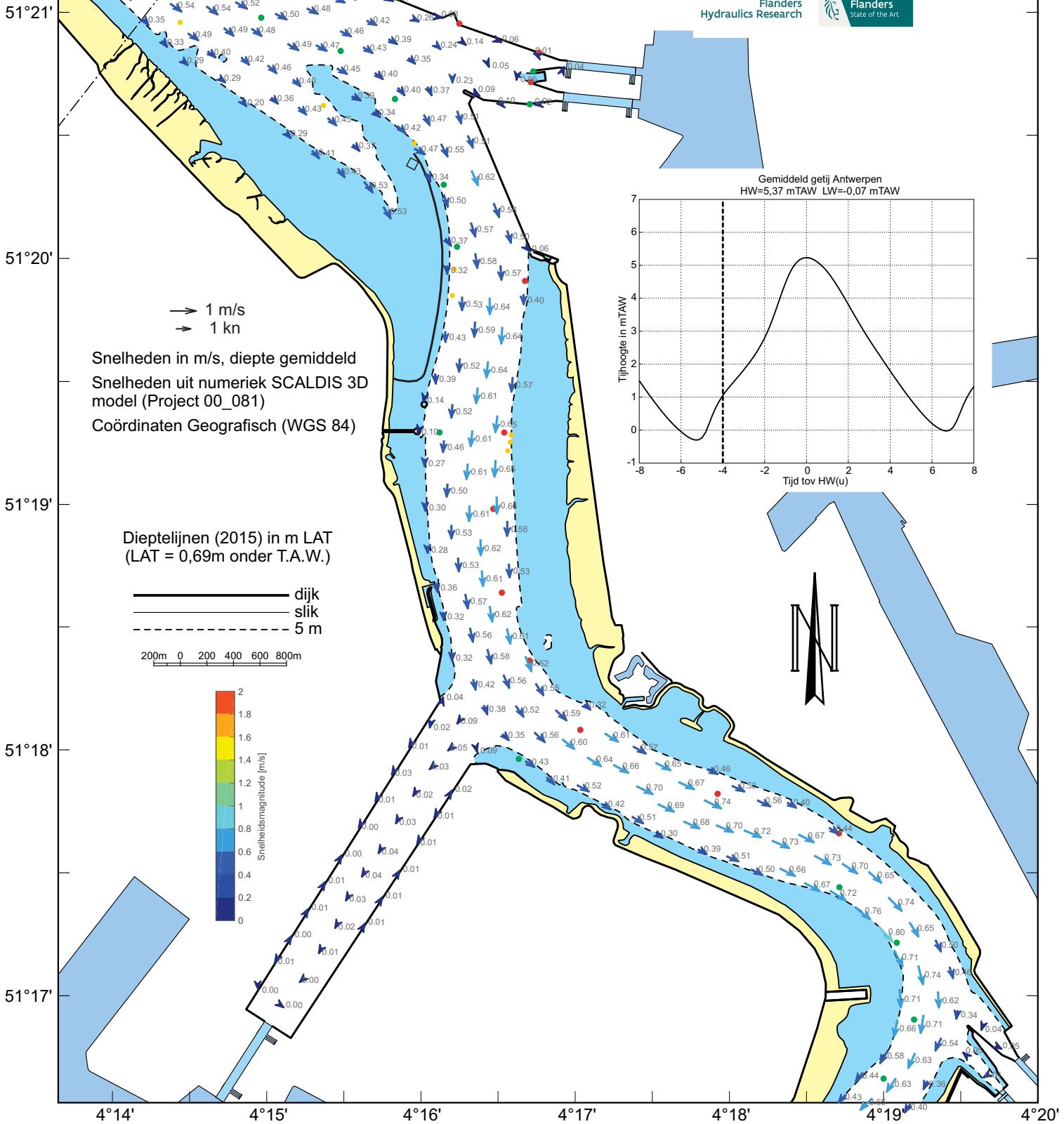


## STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 4u00 voor HW  
te Antwerpen

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Flanders  
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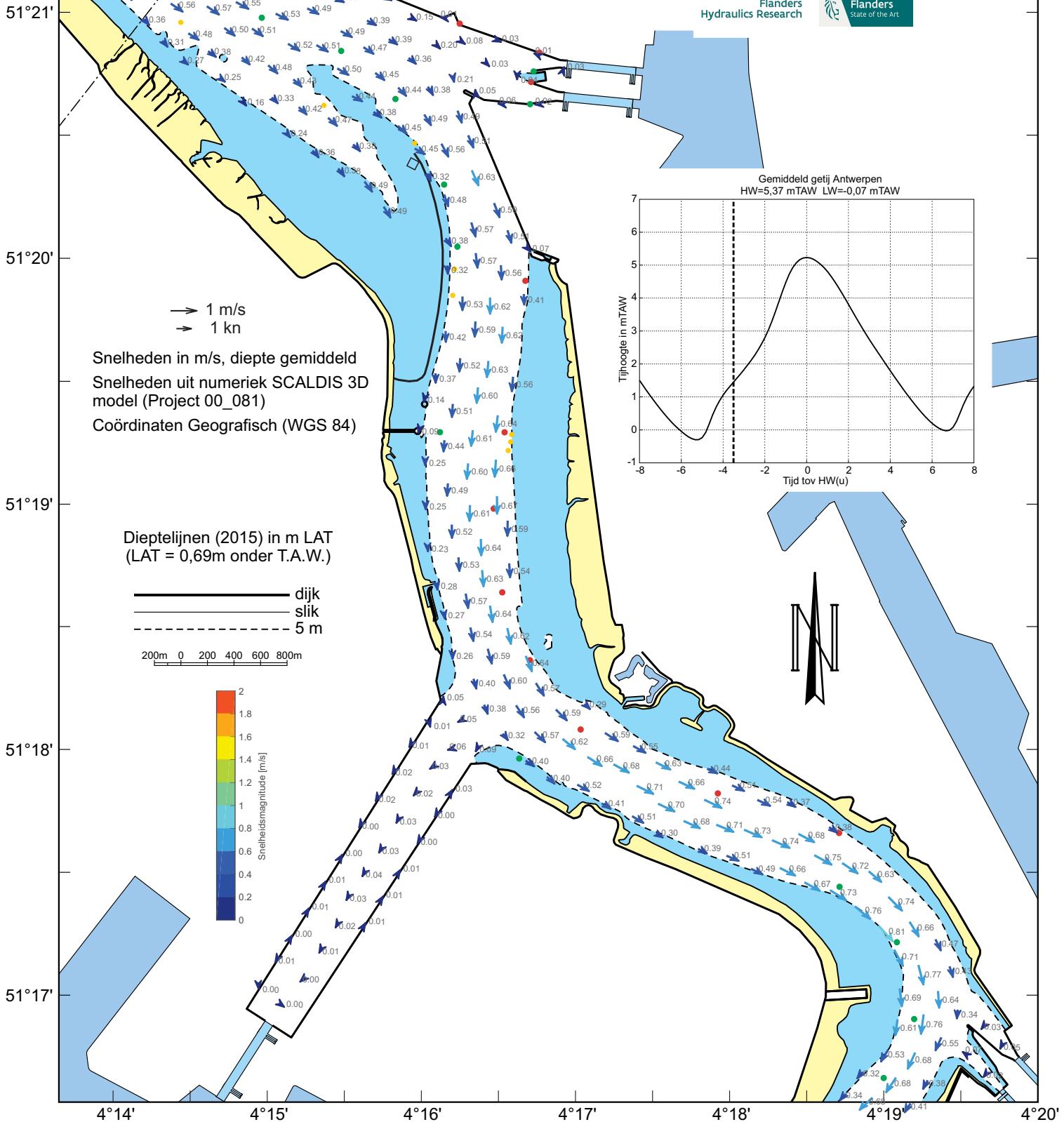


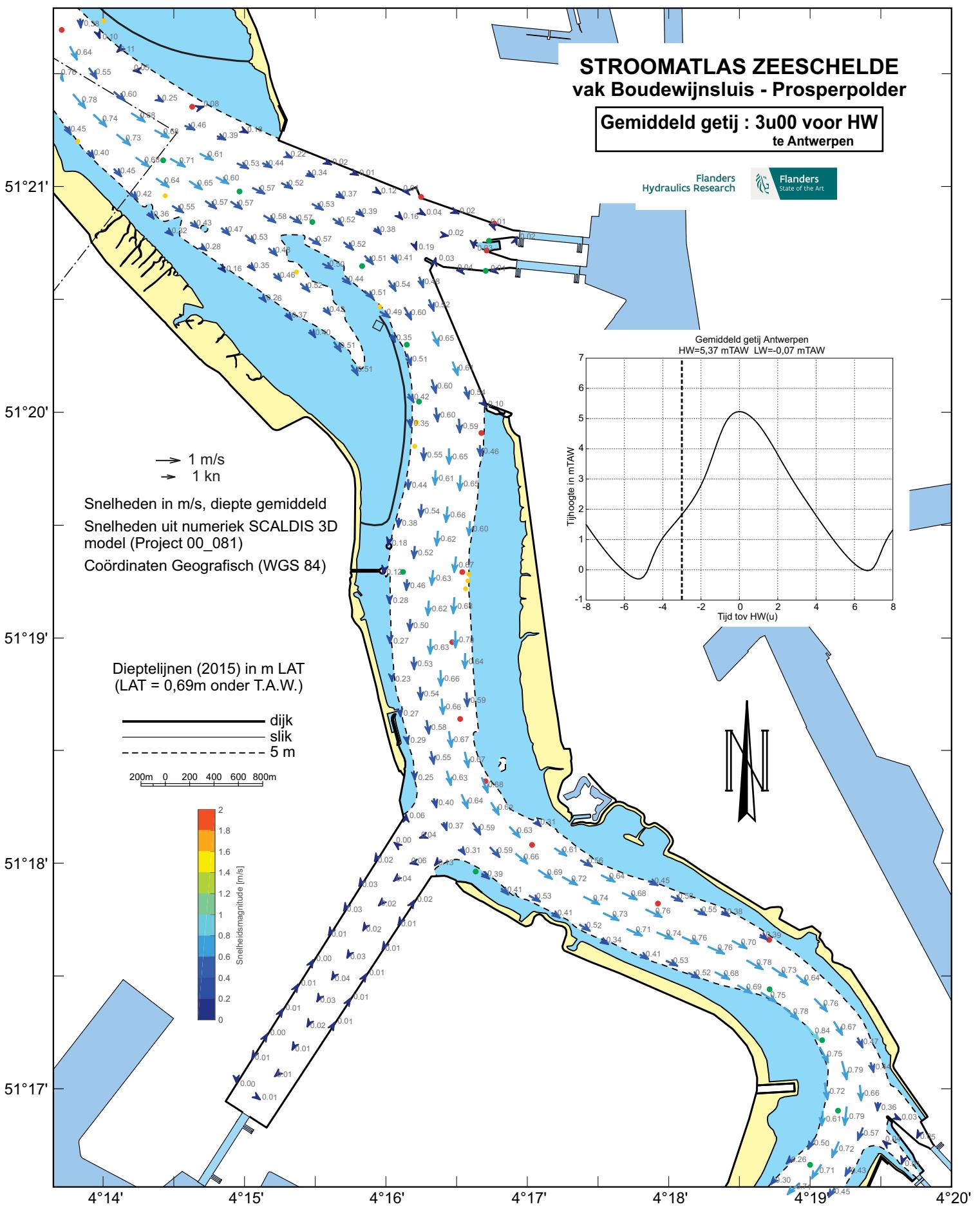
## STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 3u30 voor HW  
te Antwerpen

Flanders  
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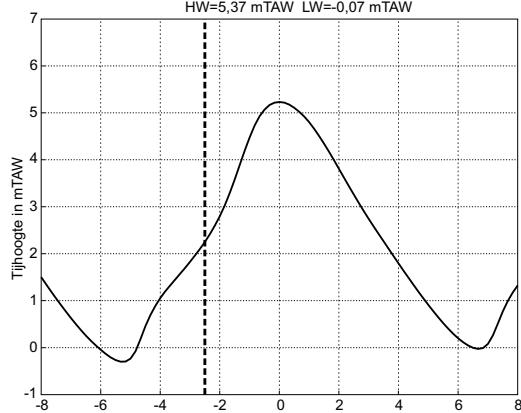
## STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 2u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



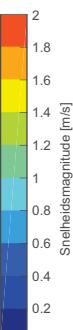
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

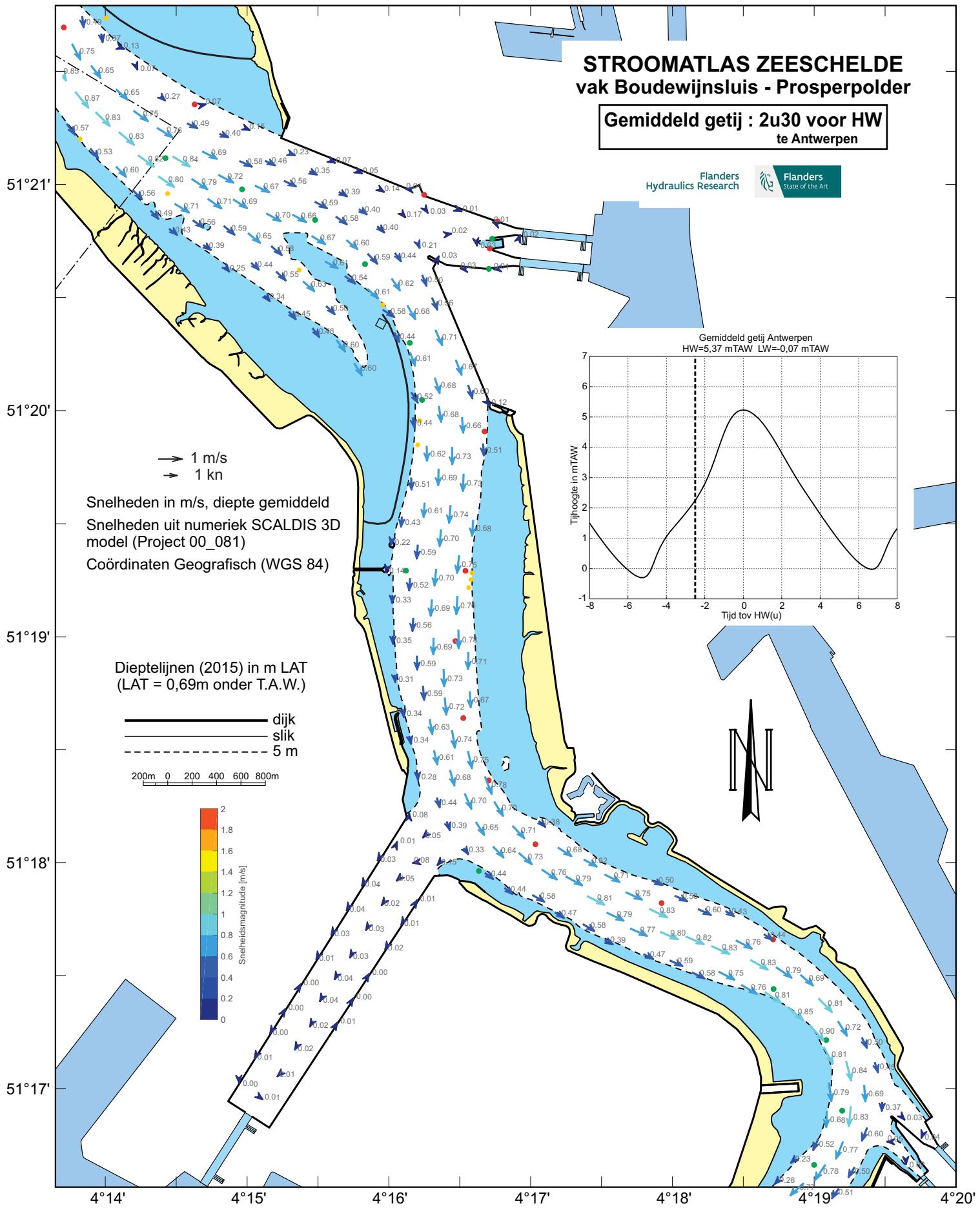
Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

— dijk  
— slik  
- - - 5 m

200m 0 200 400 600 800m



4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'

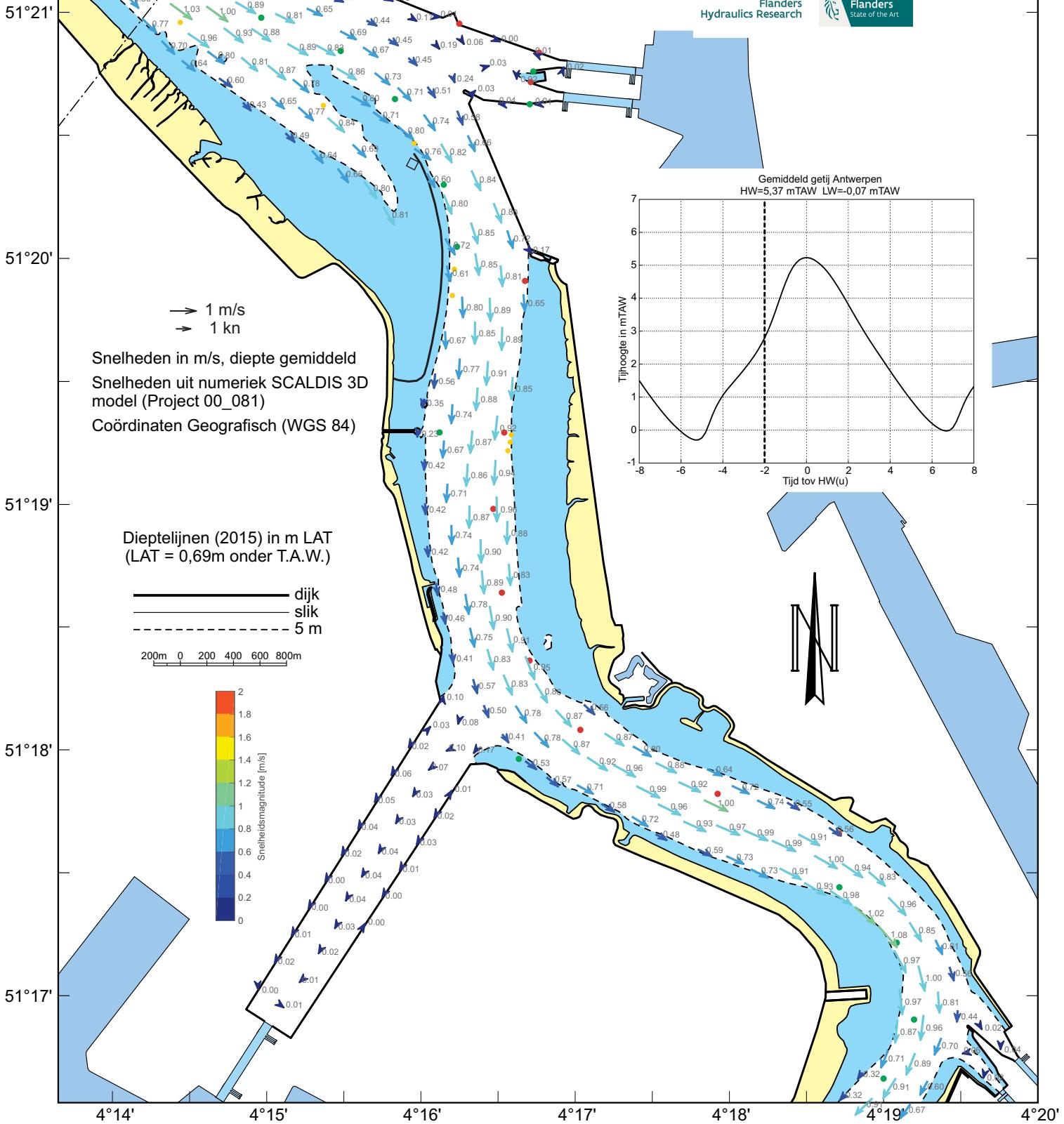


# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 2u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

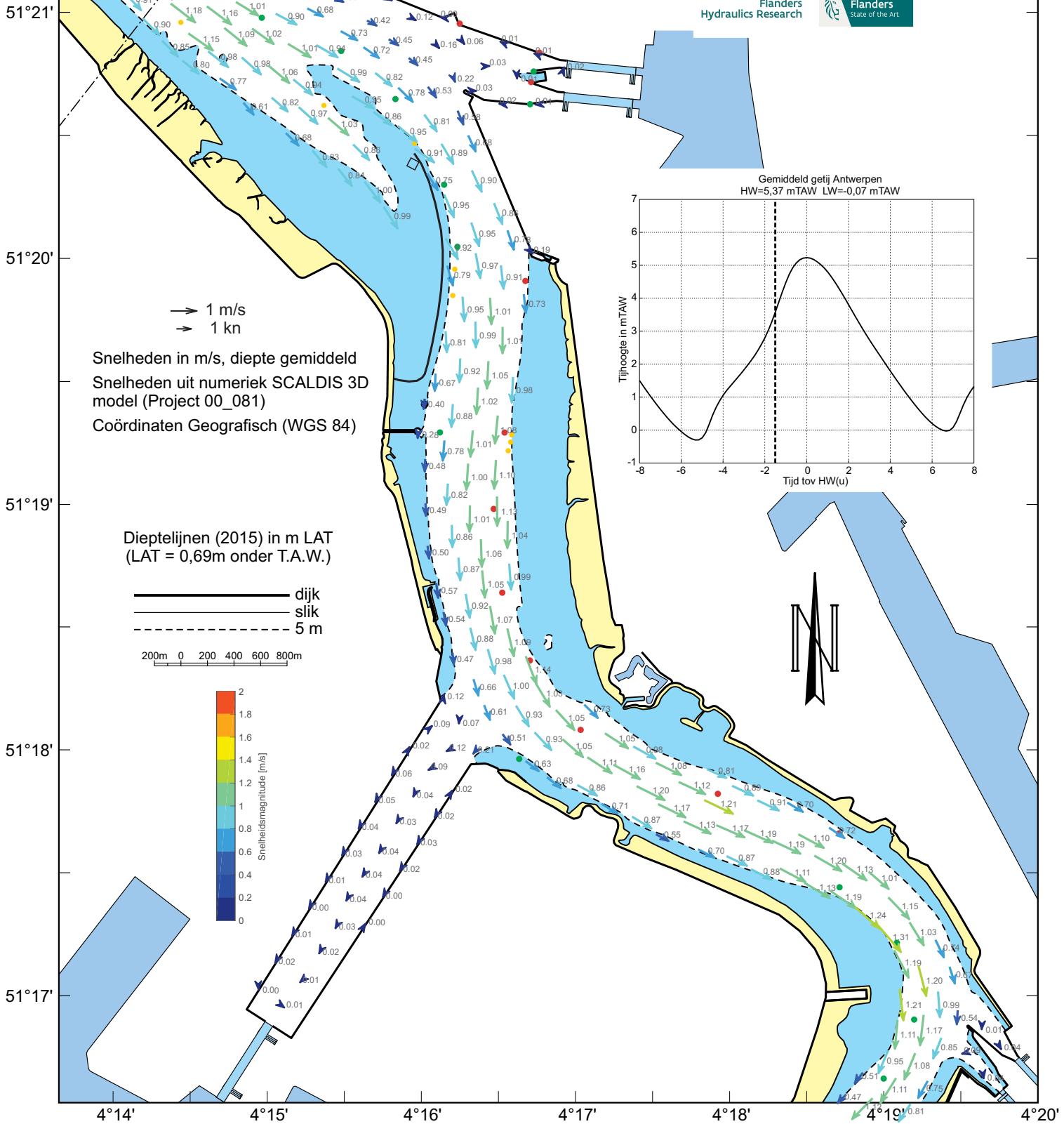


## STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 1u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

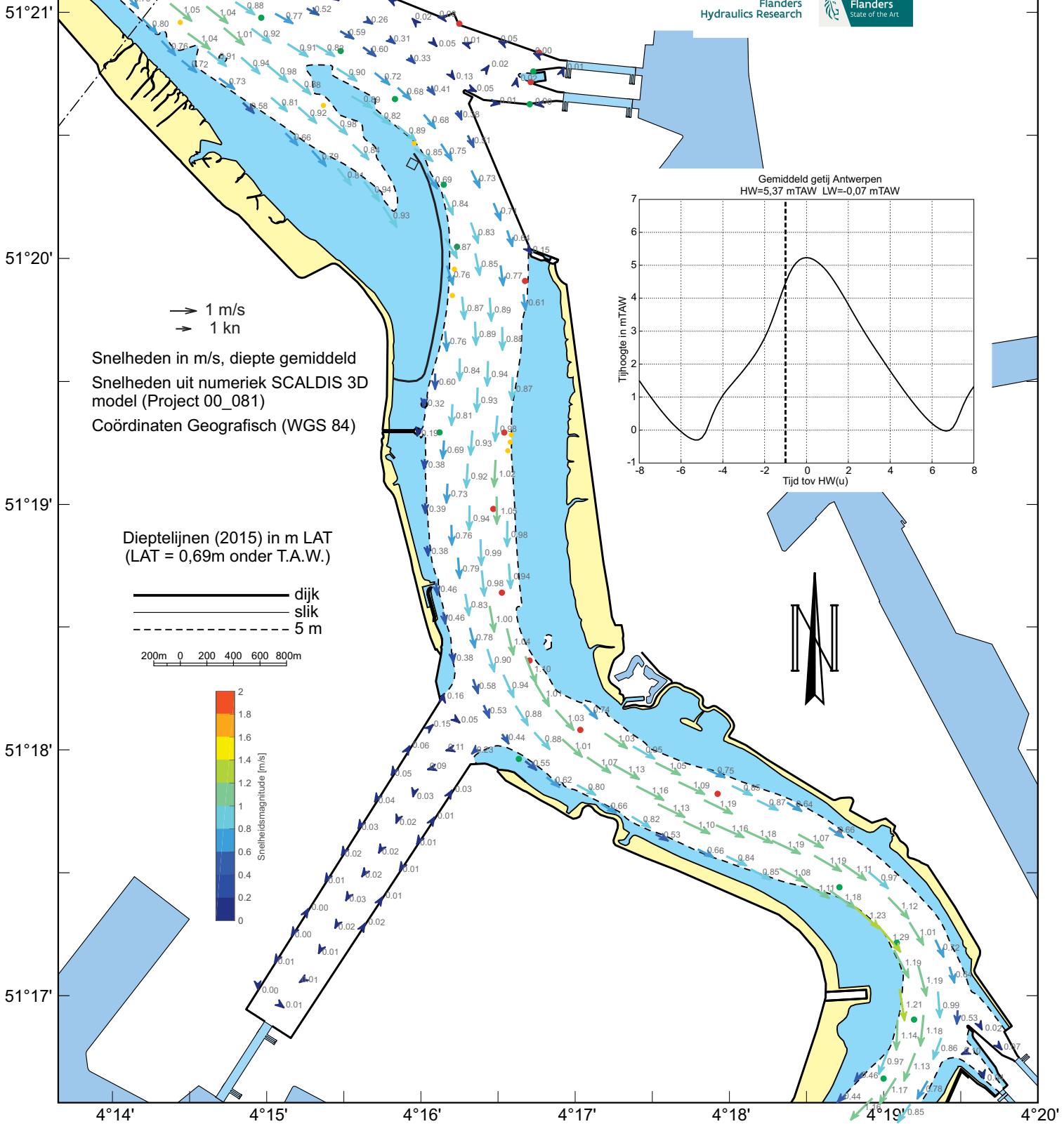


## STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 1u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

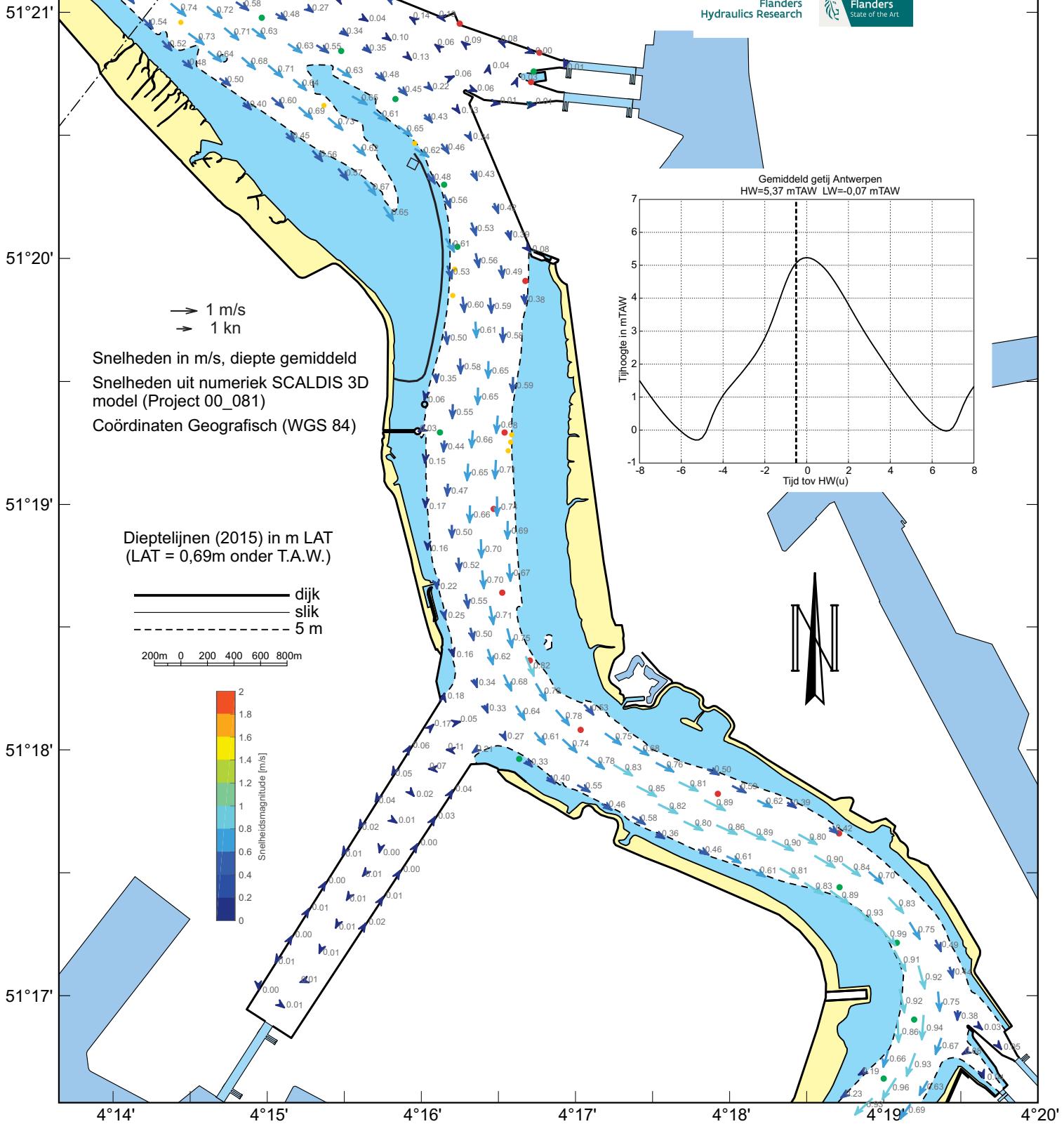


## STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 0u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art



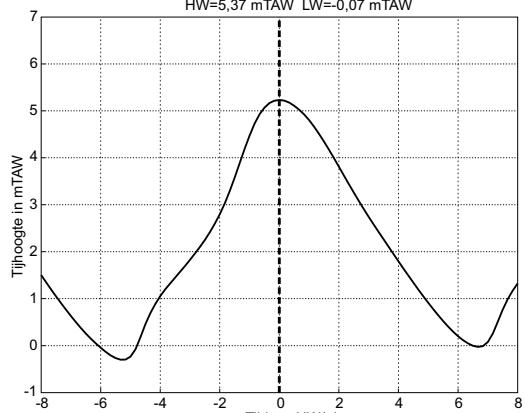
# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



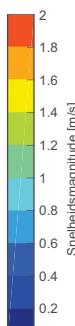
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

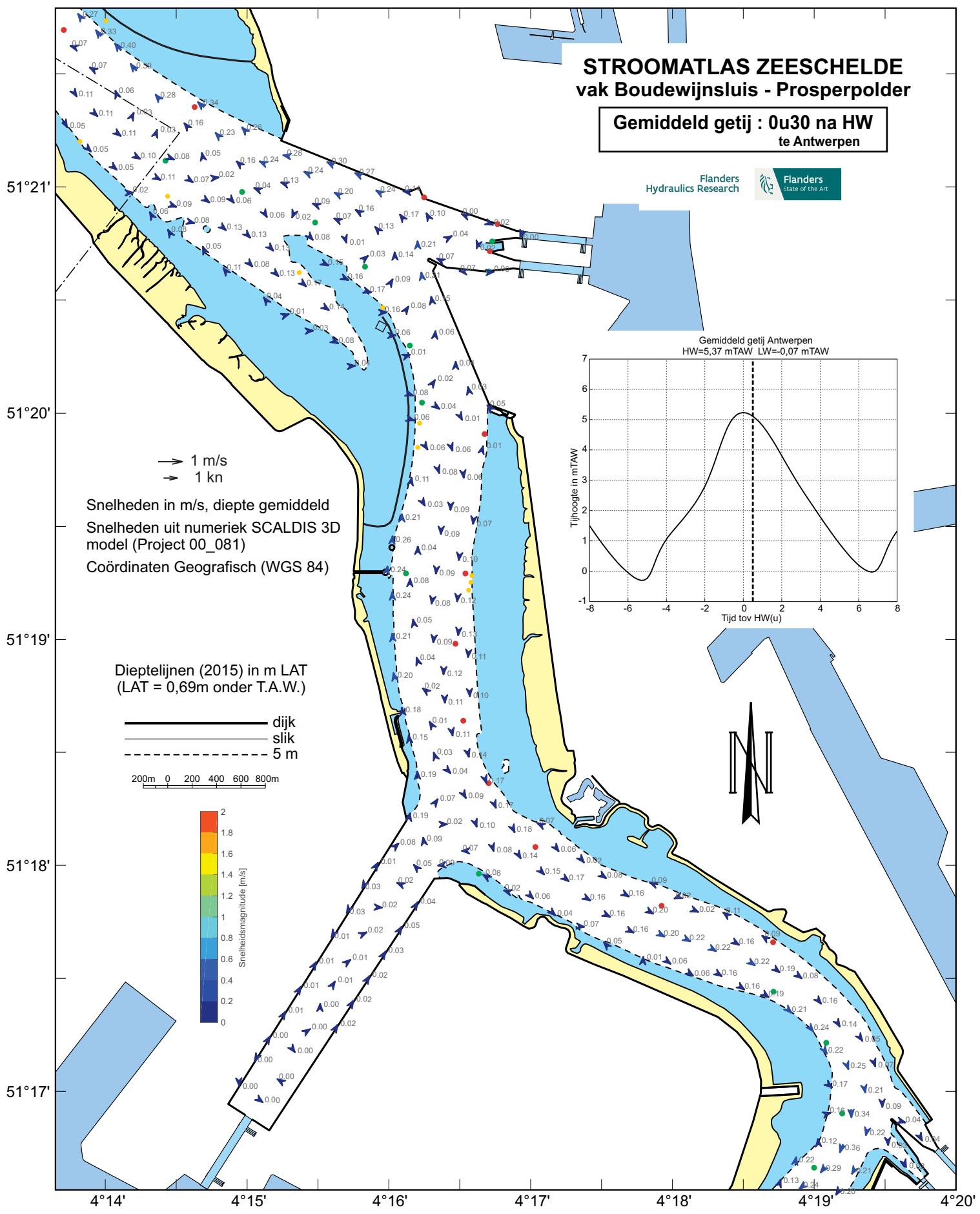
Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

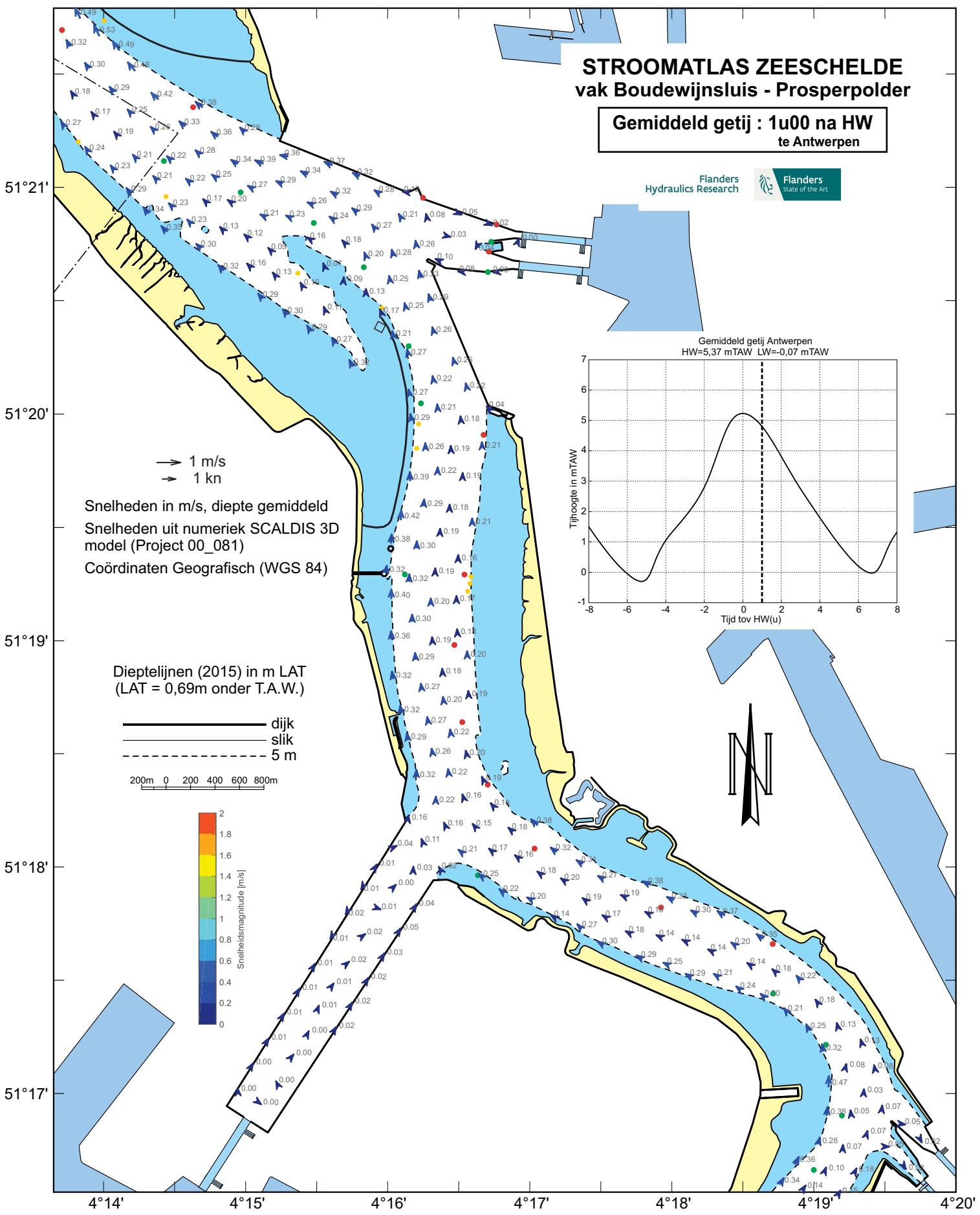
dijk  
slik  
- - - 5 m

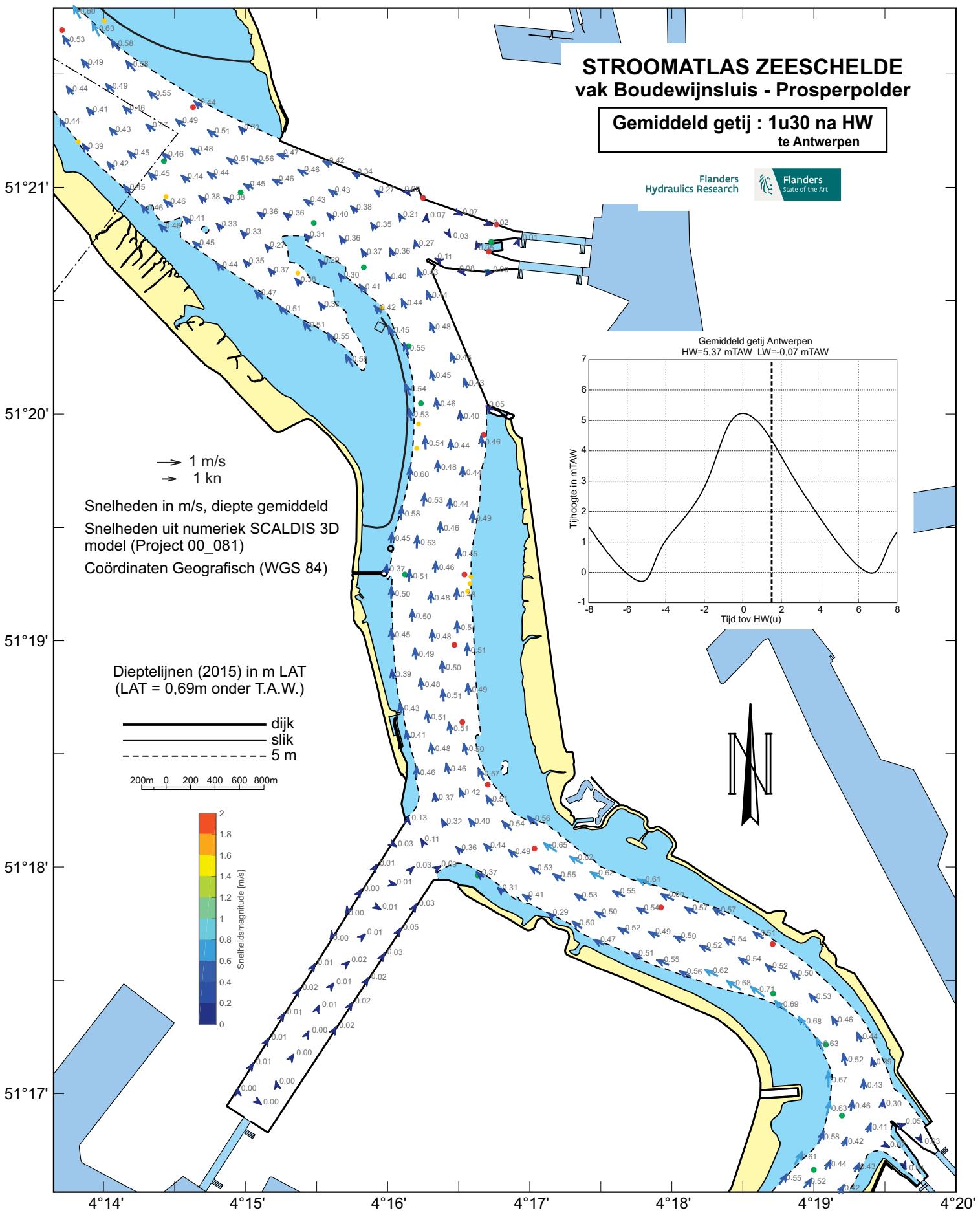
200m 0 200 400 600 800m



4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'





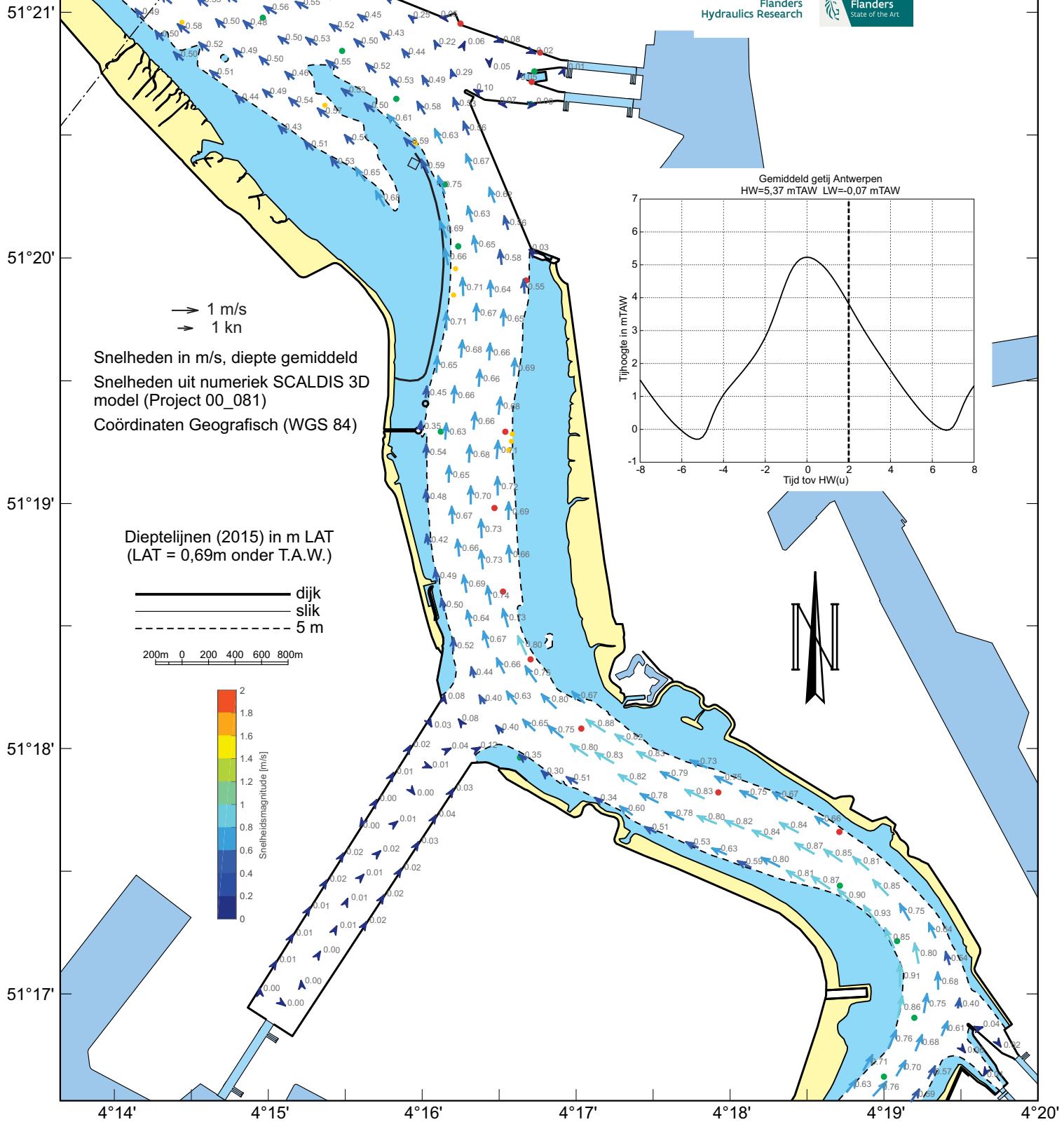


# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 2u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

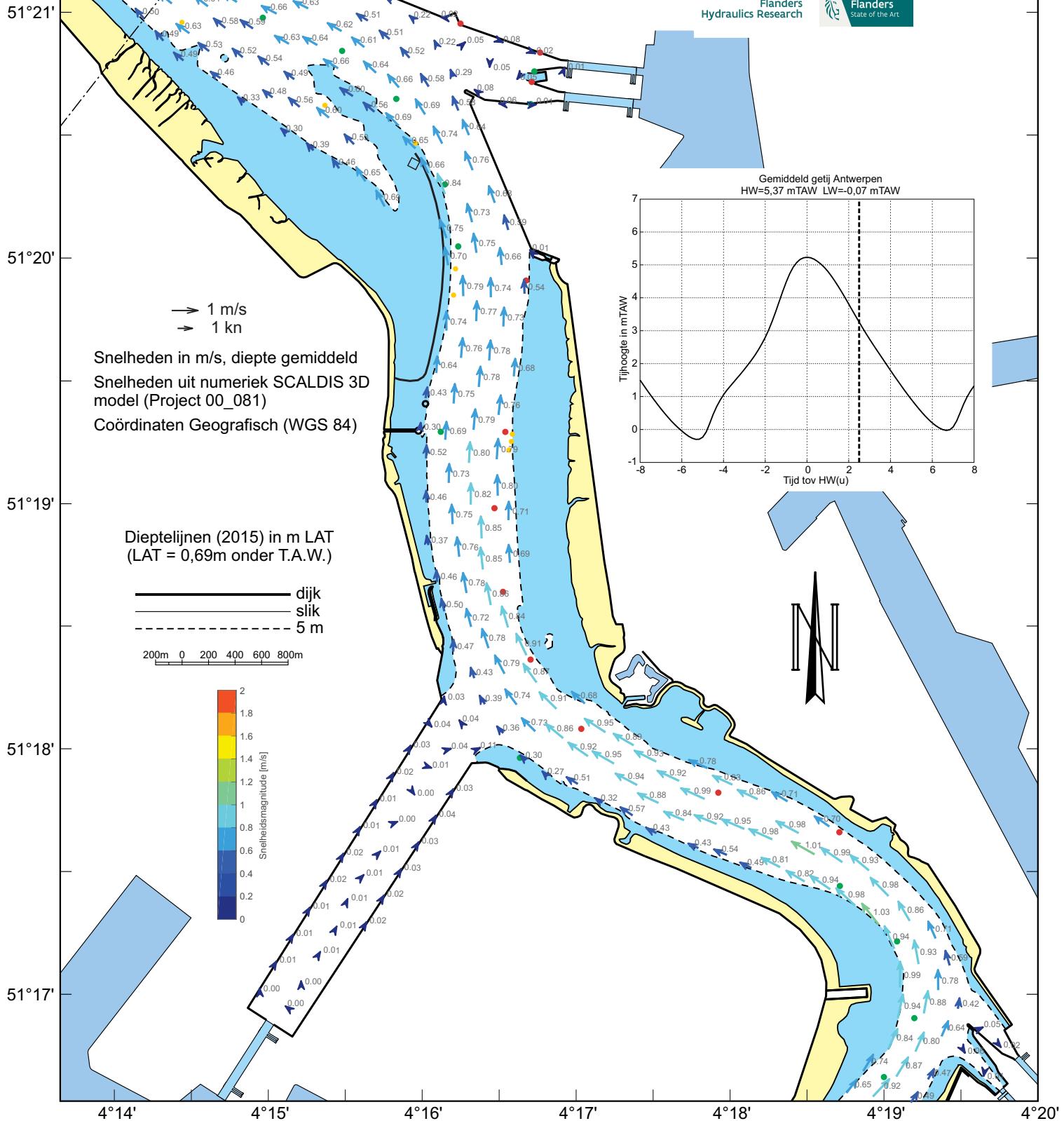


# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 2u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

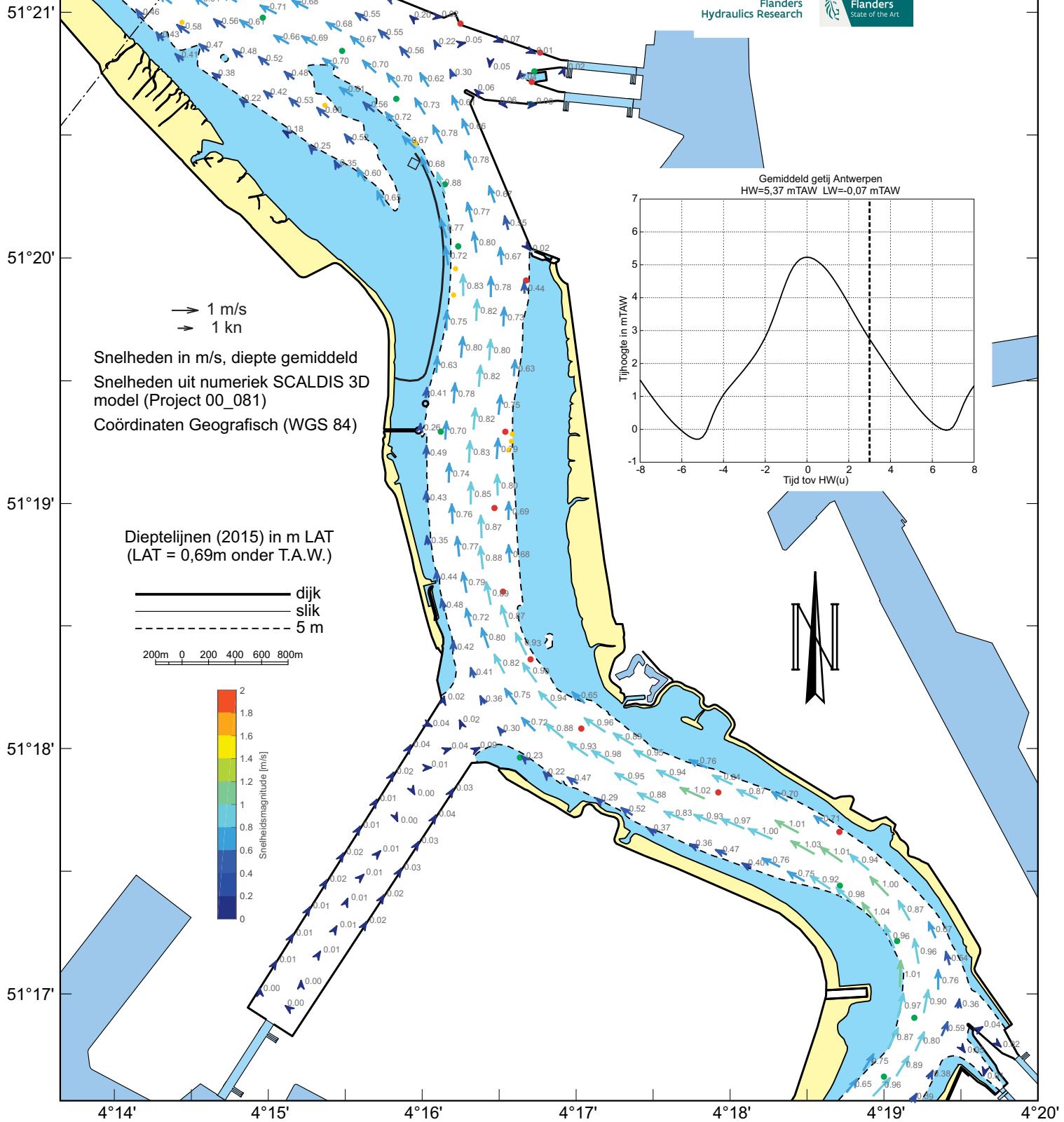


# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 3u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

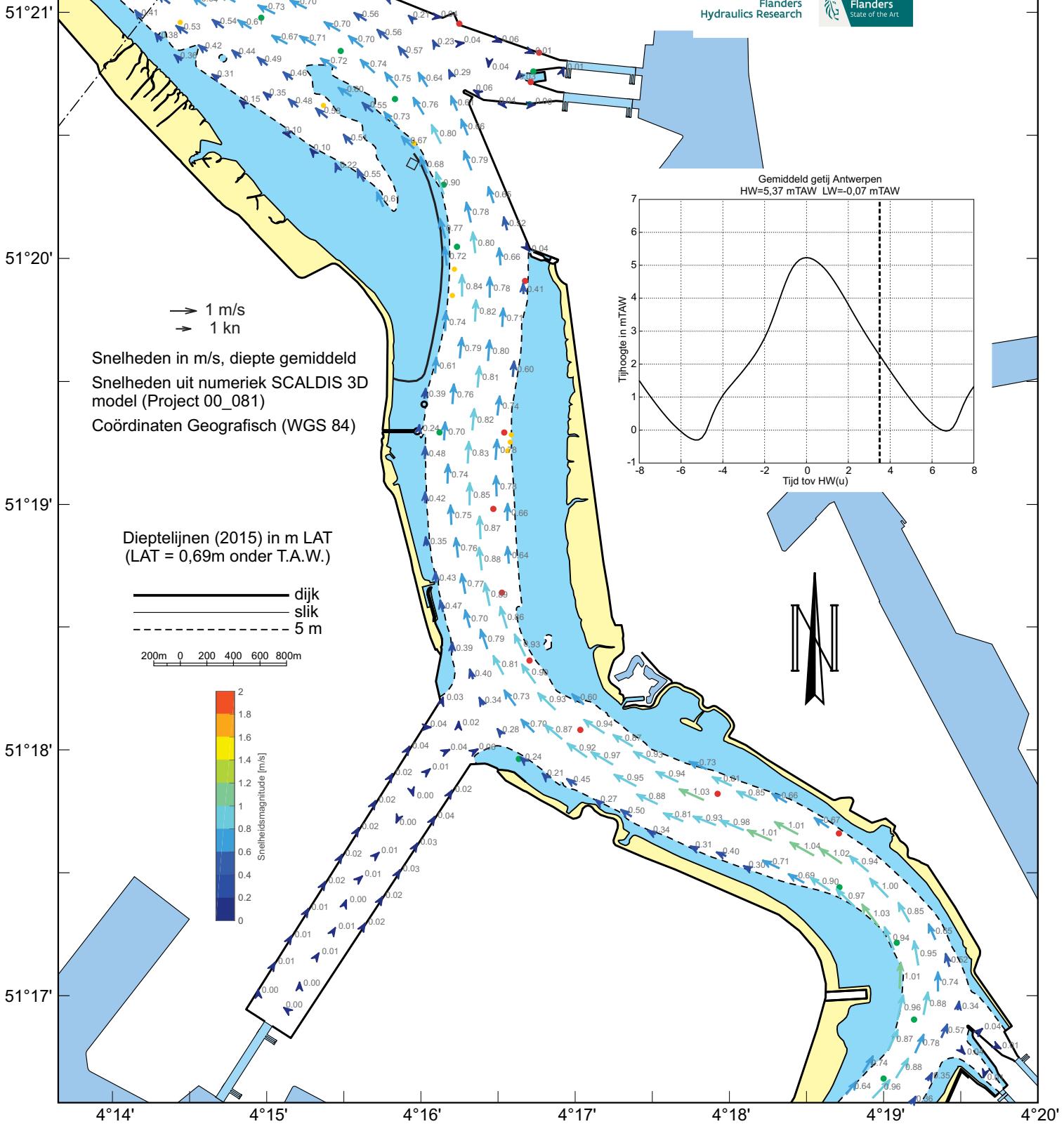


# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 3u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

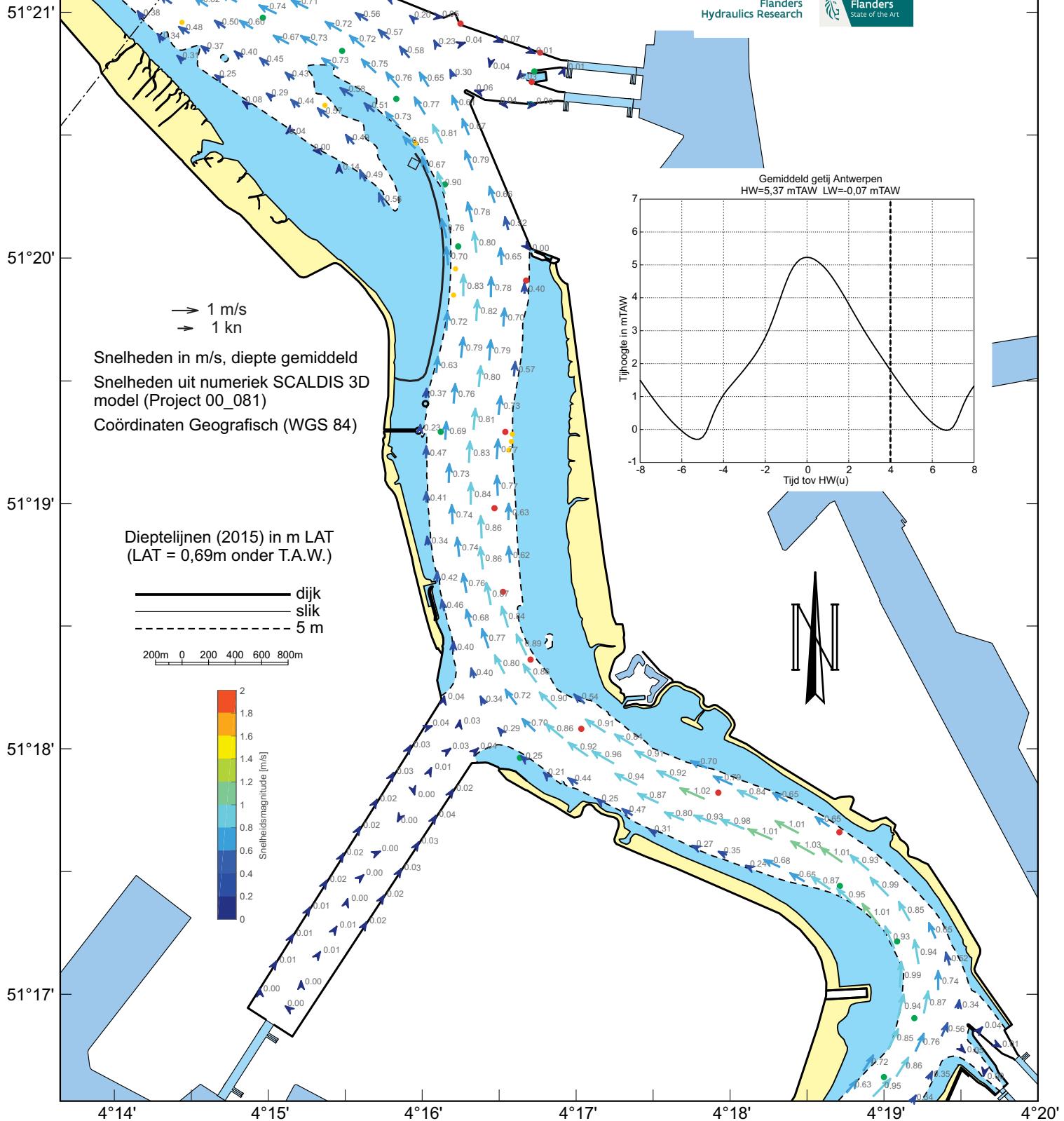


# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 4u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

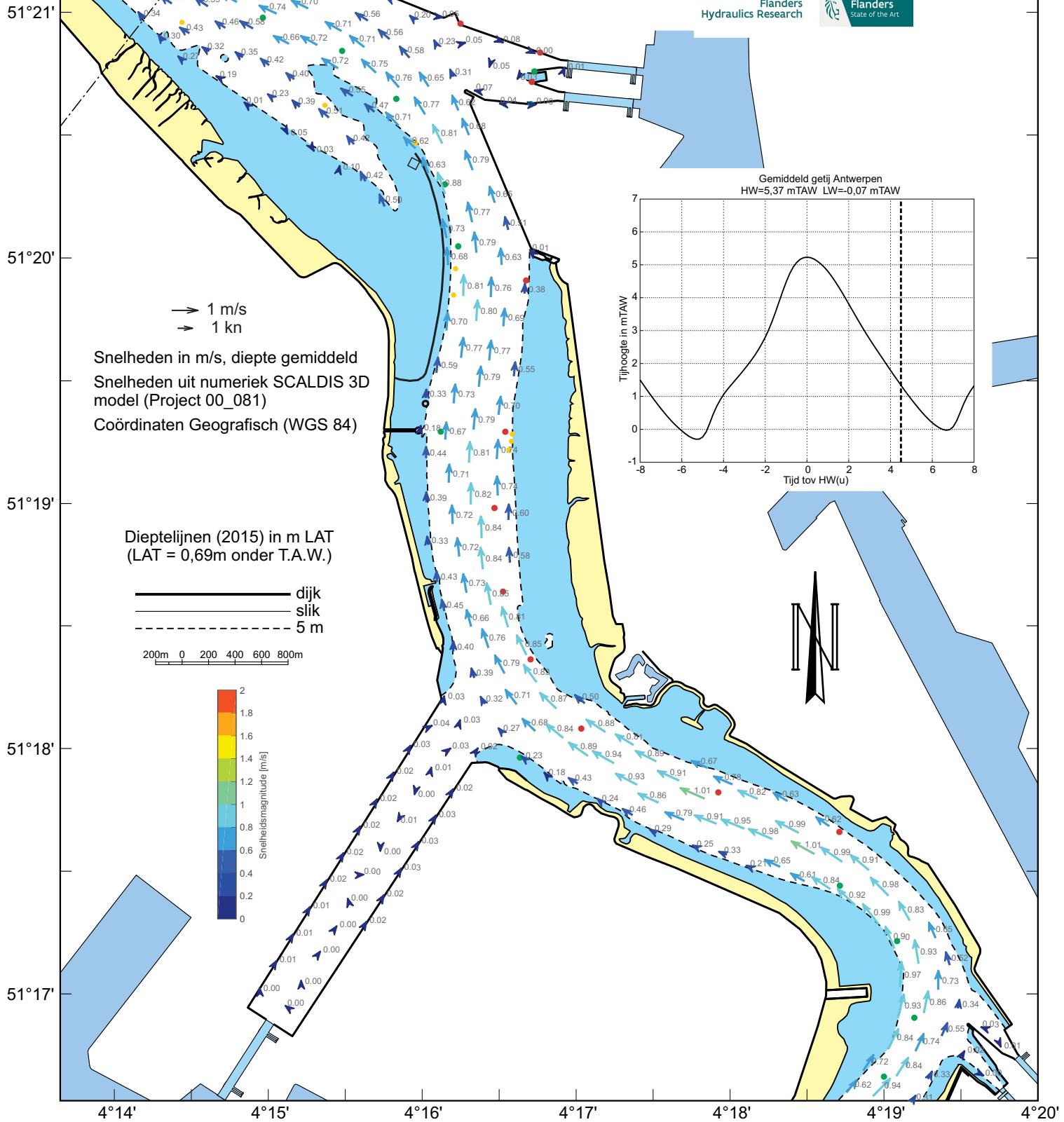


**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 4u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

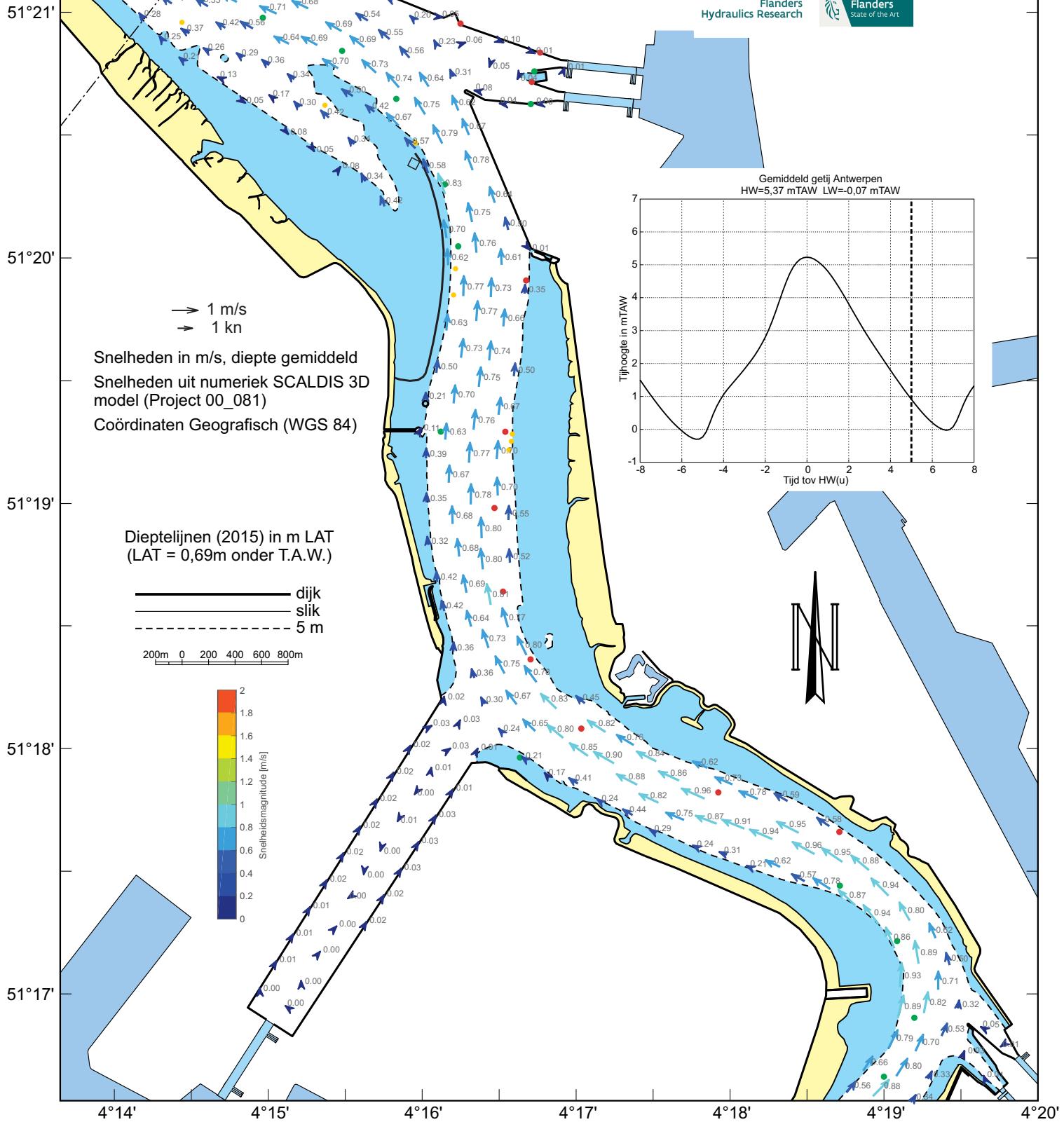


# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 5u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art



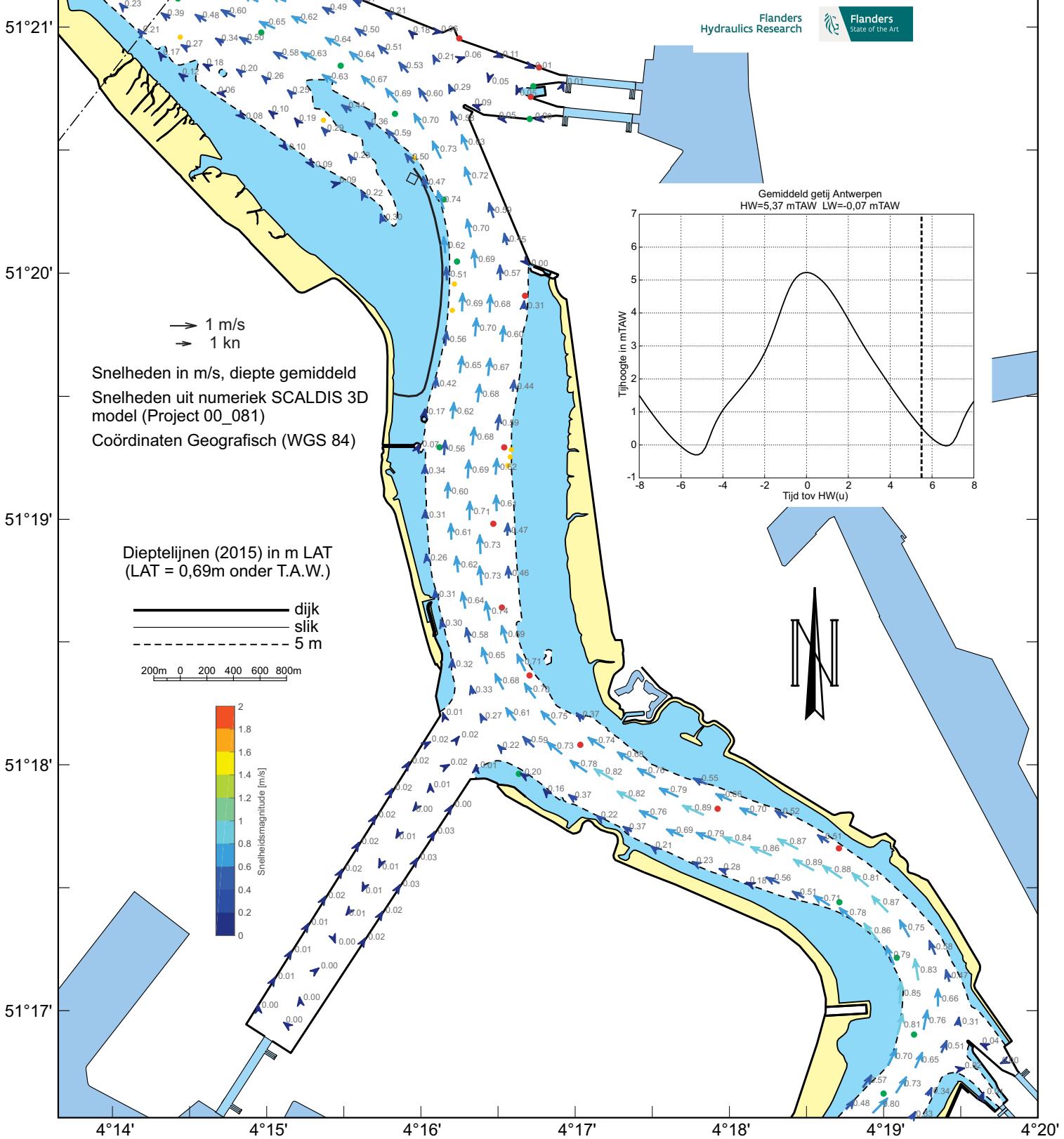
# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 5u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW

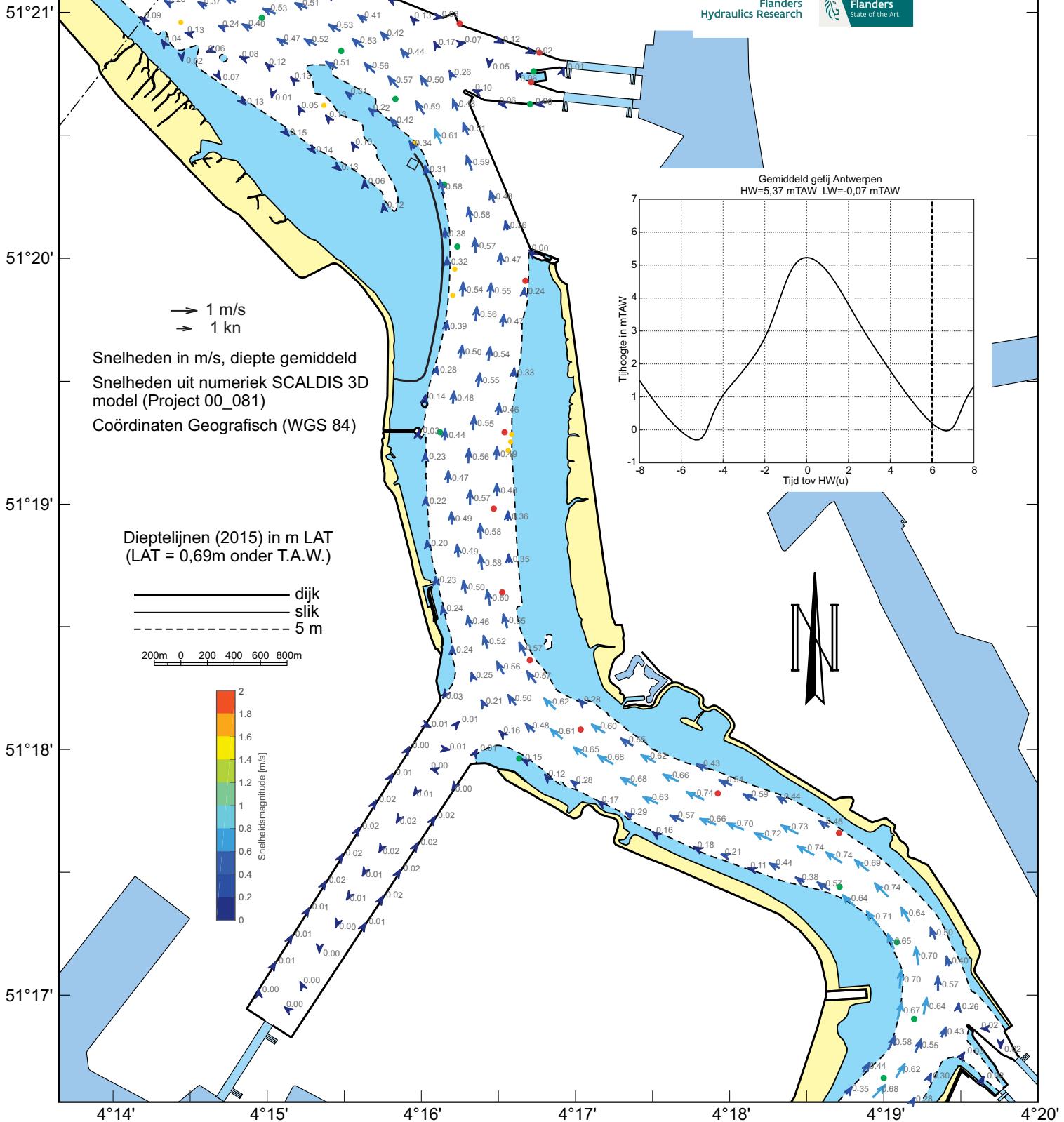


# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 6u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

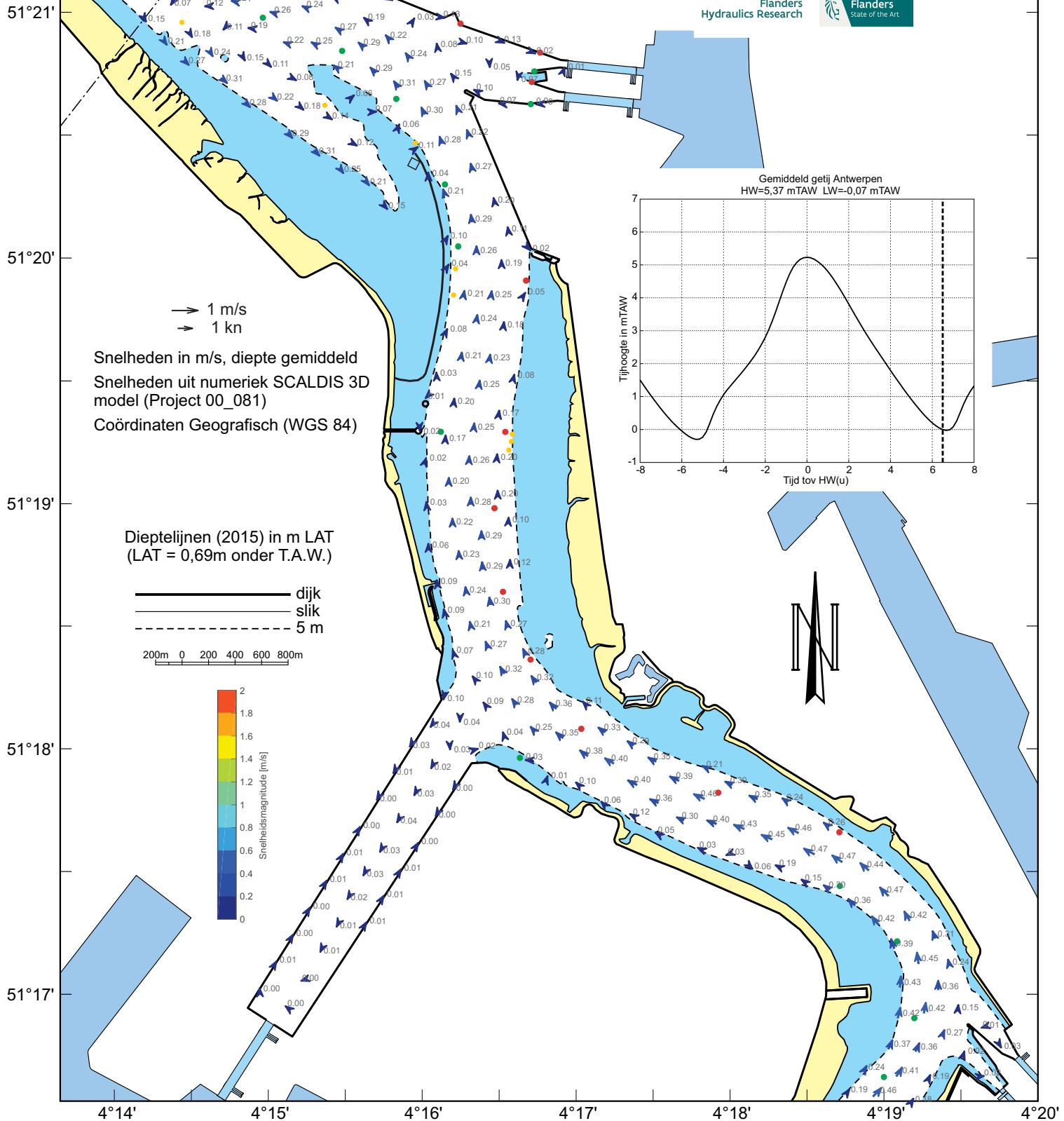


# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Gemiddeld getij : 6u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art



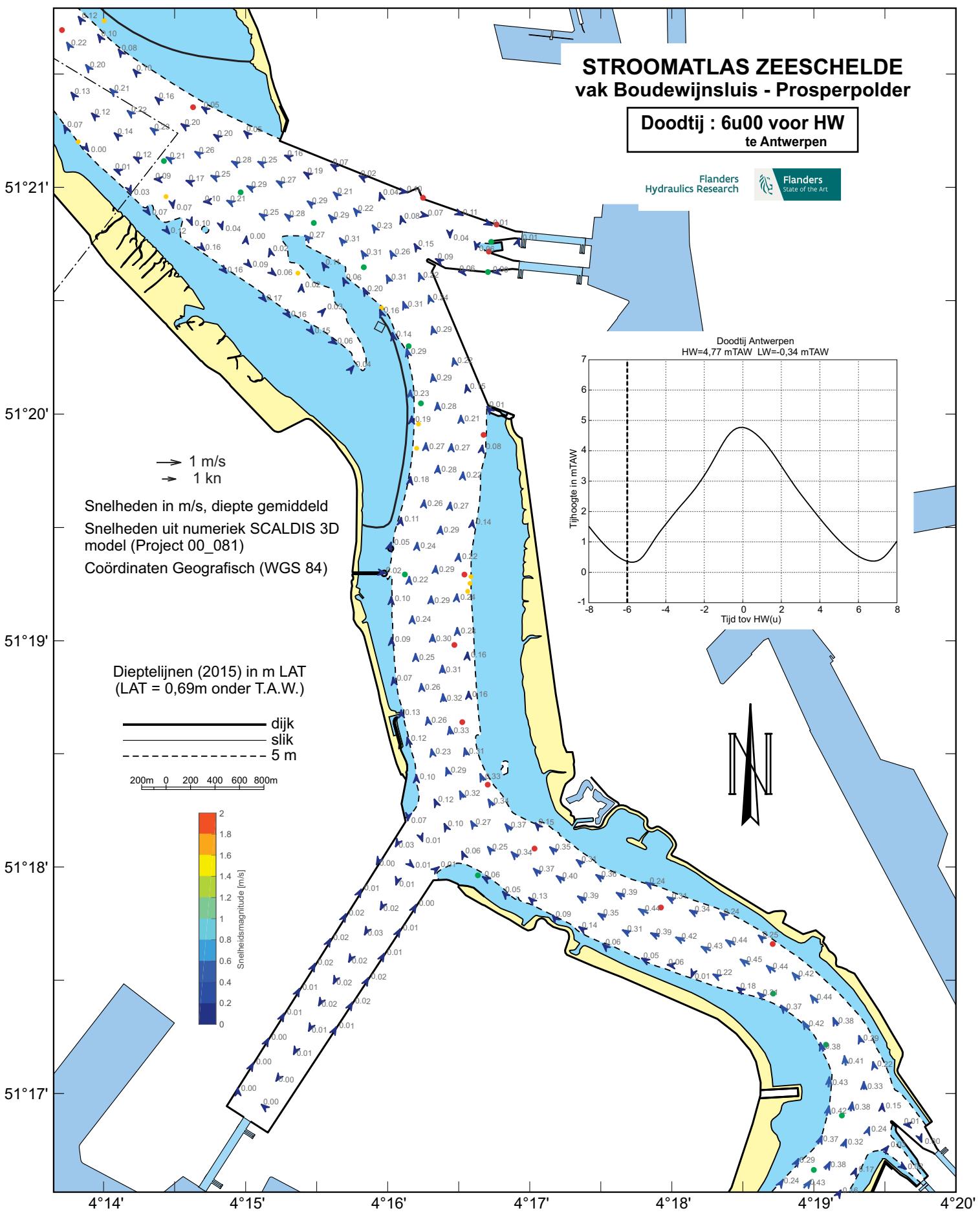


# **STROOMATLAS BENEDEN ZEESCHELDE**

vak Prosperpolder - Boudewijnsluis

**DOODTIJ**

*Vlaamse overheid  
Departement Mobiliteit en Openbare Werken  
Waterbouwkundig Laboratorium*

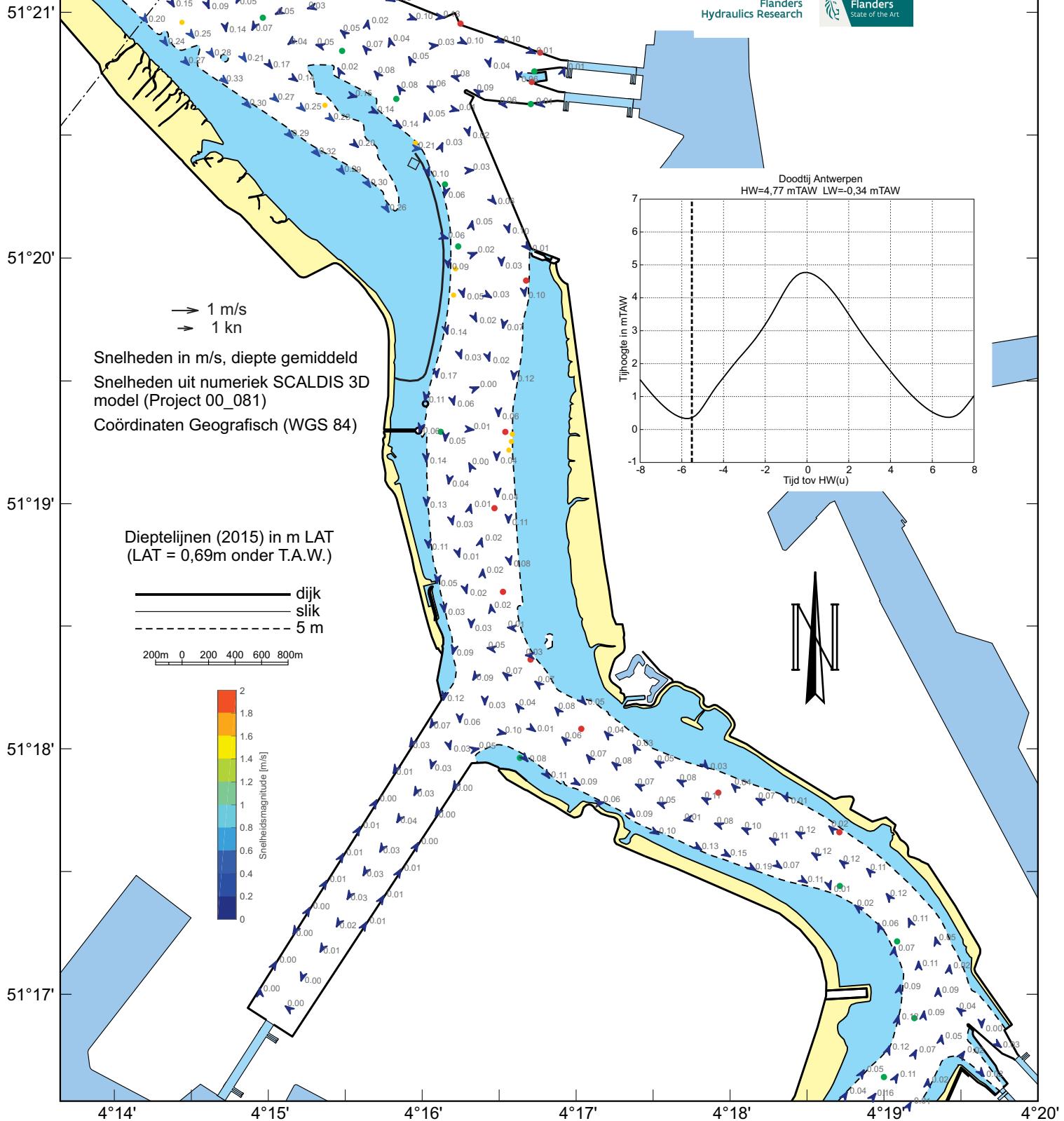


**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Doodtij : 5u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

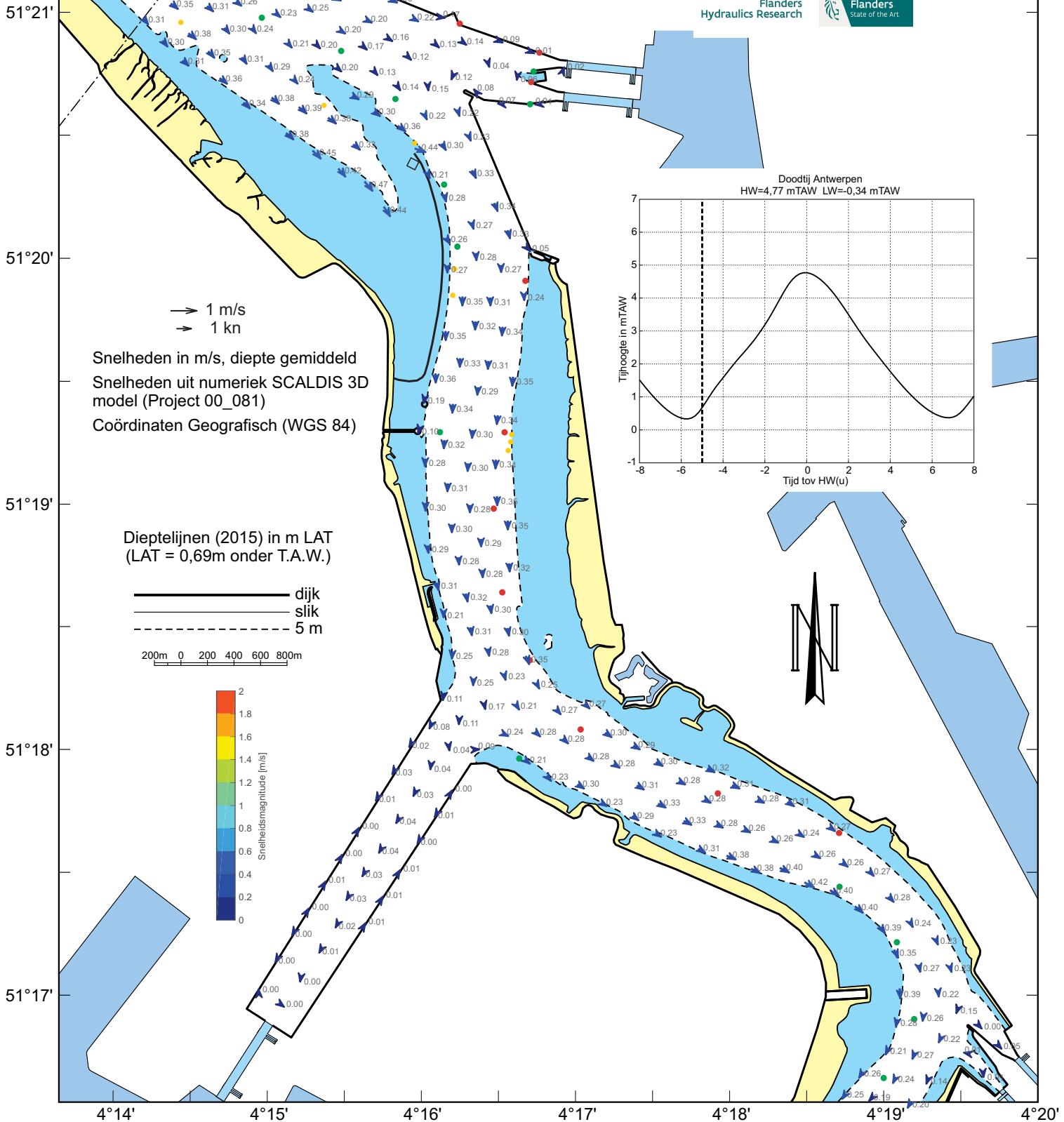


**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Doodtij : 5u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

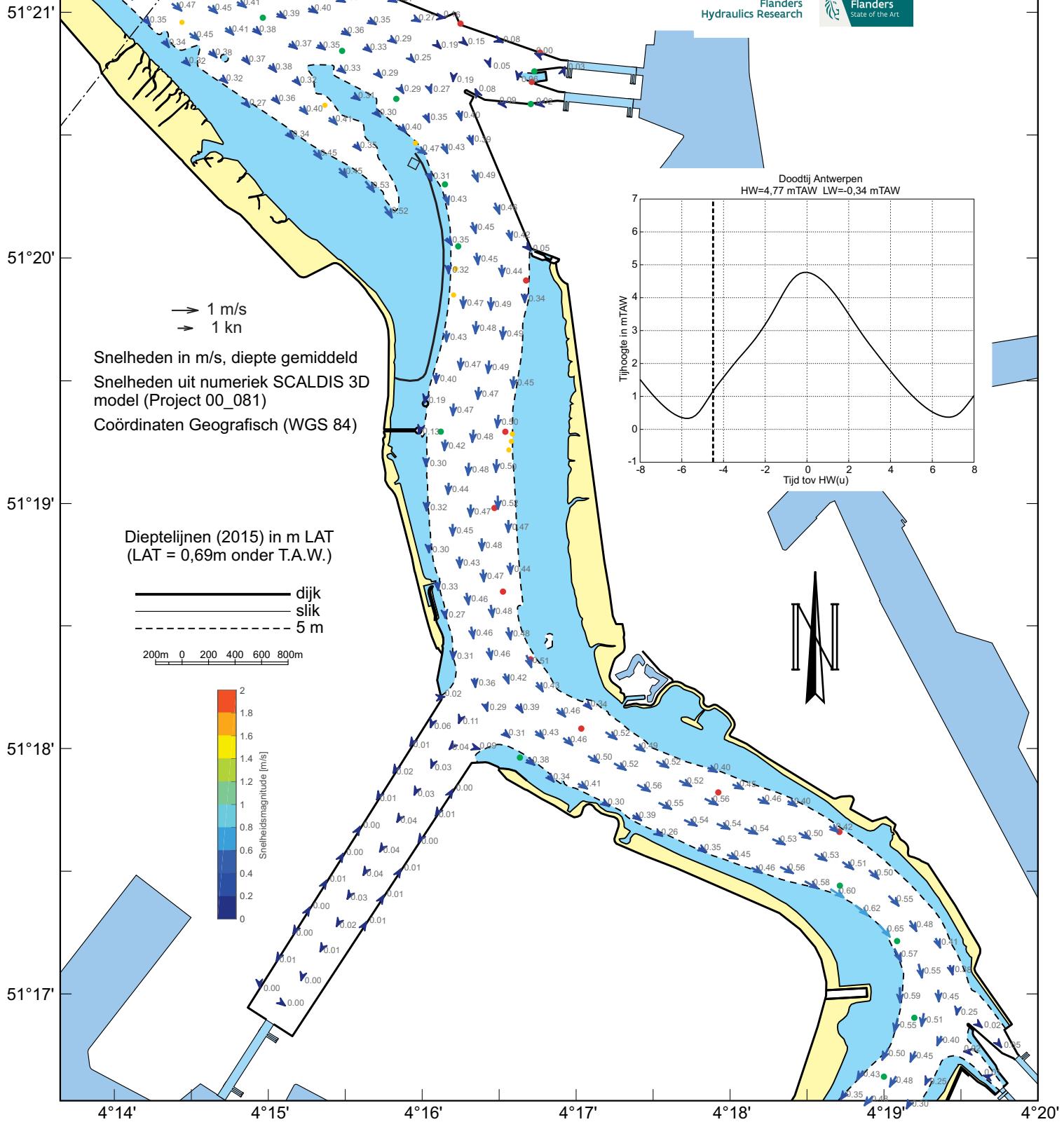


**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Doodtij : 4u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

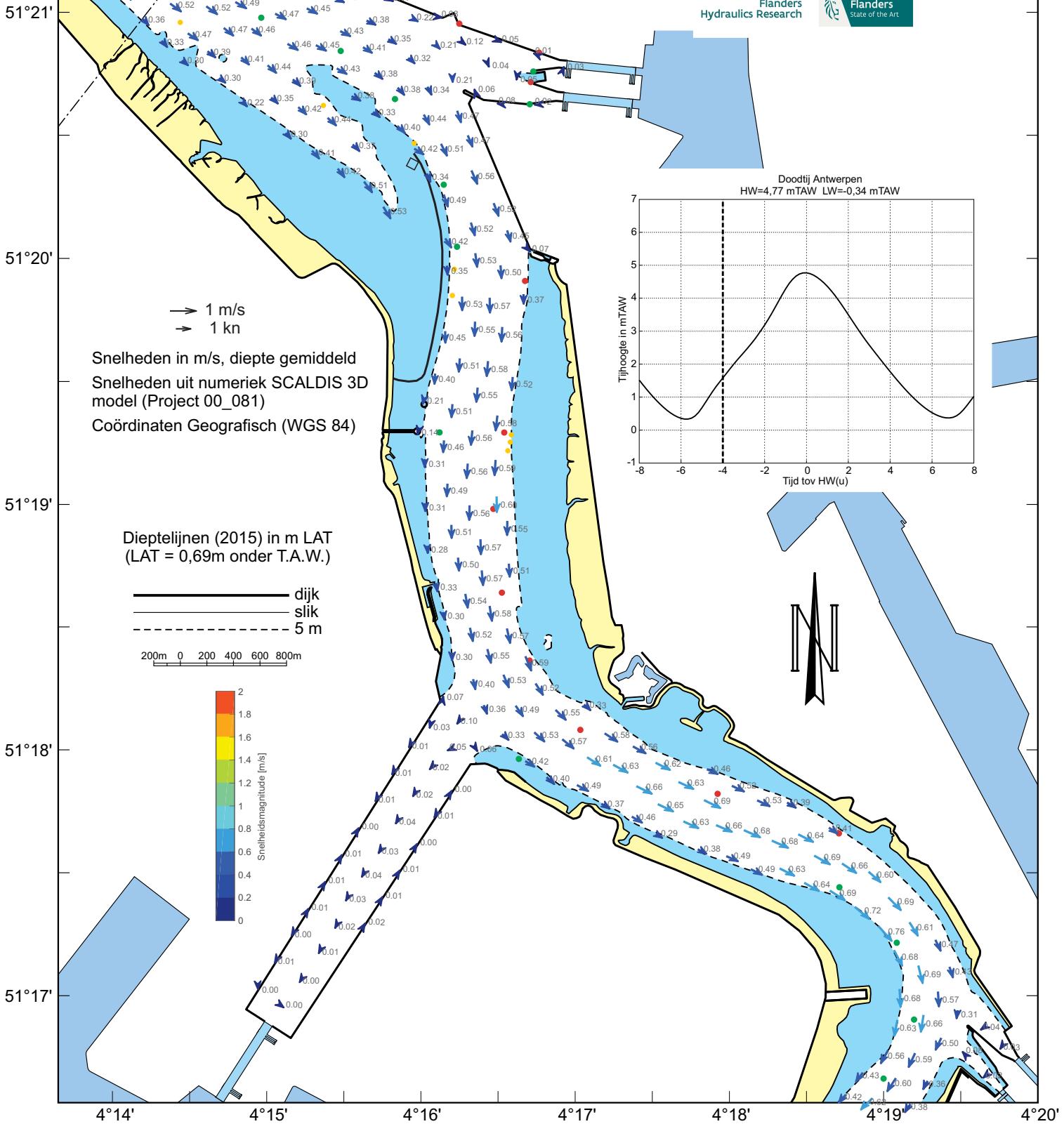


**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Doodtij : 4u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

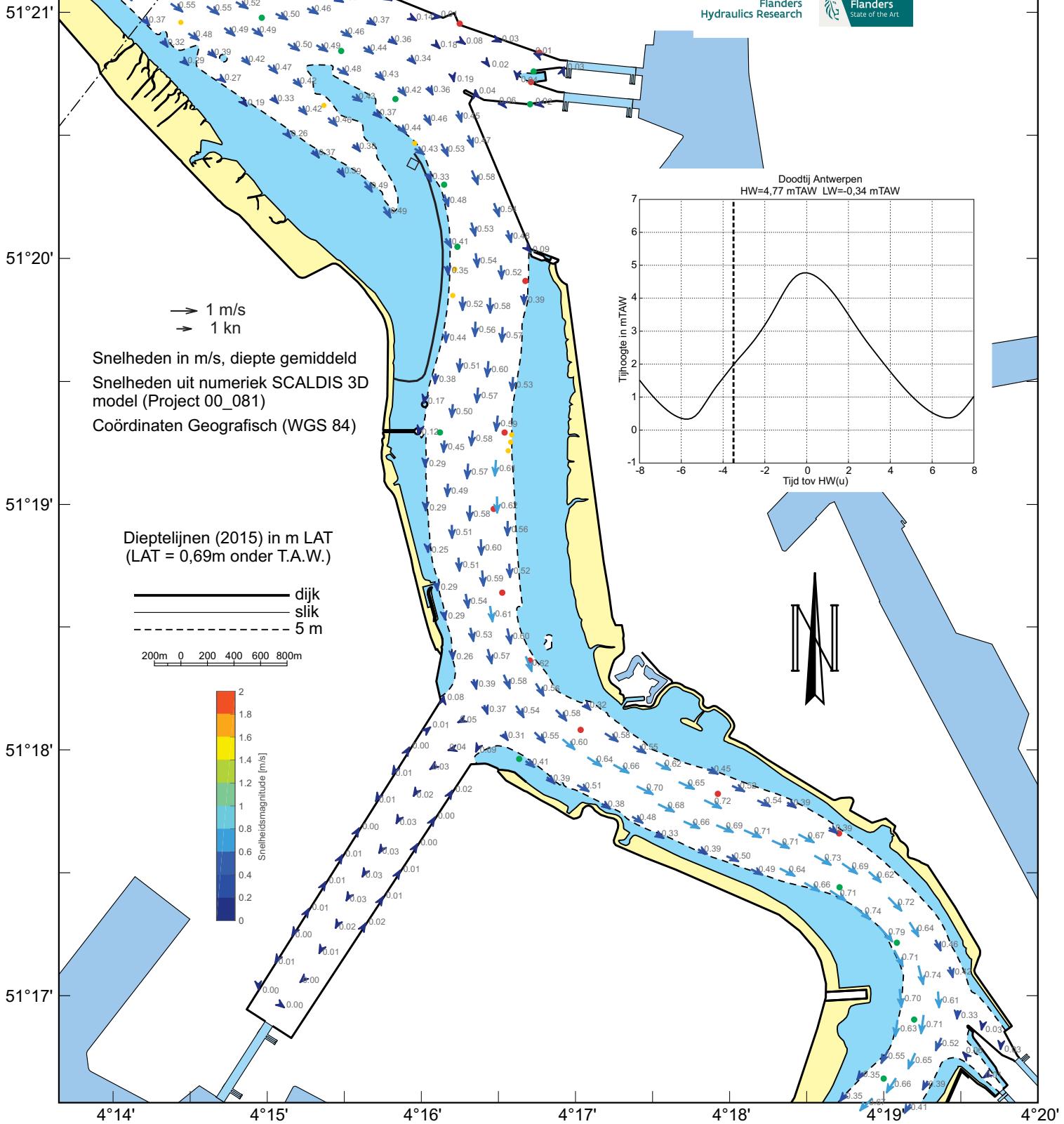


**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Doodtij : 3u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art



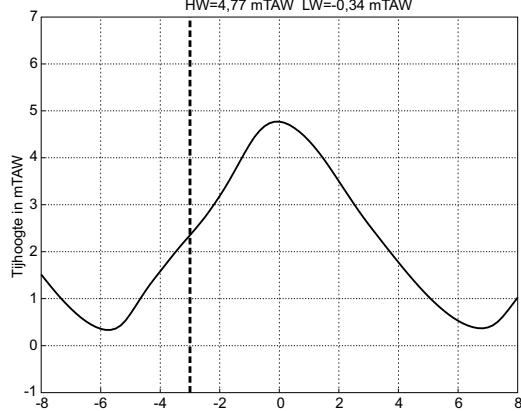
# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Doodtij : 3u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW



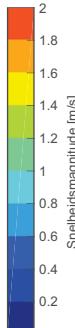
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

— dijk  
— slik  
- - - 5 m

200m 0 200 400 600 800m



4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'

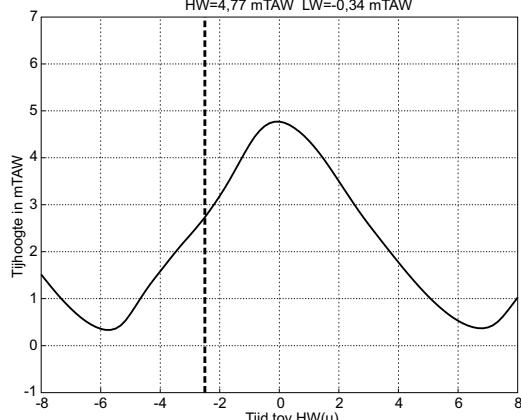
# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Doodtij : 2u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW



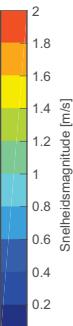
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

dijk  
slik  
5 m

200m 0 200 400 600 800m



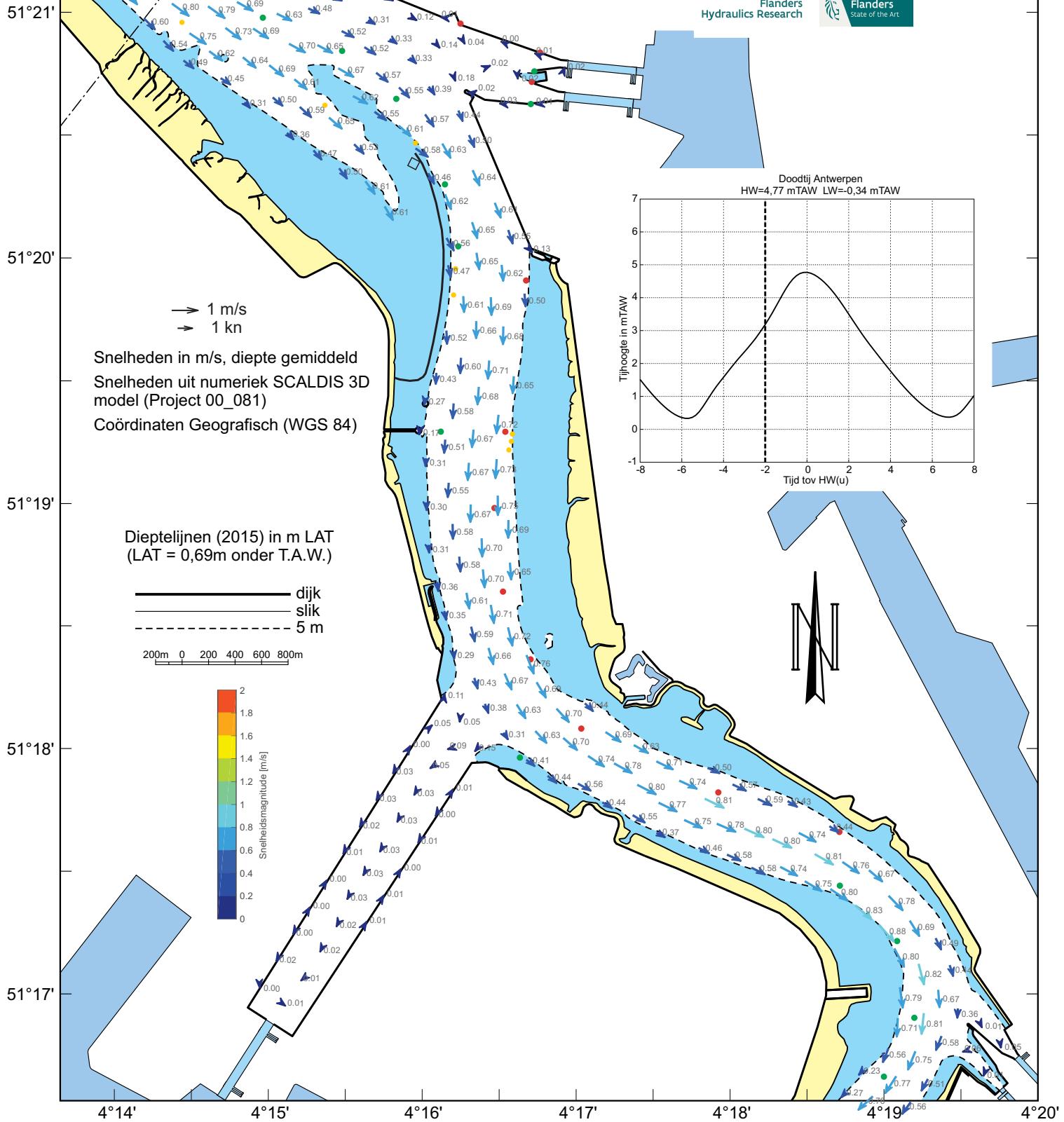
4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'

**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Doodtij : 2u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art



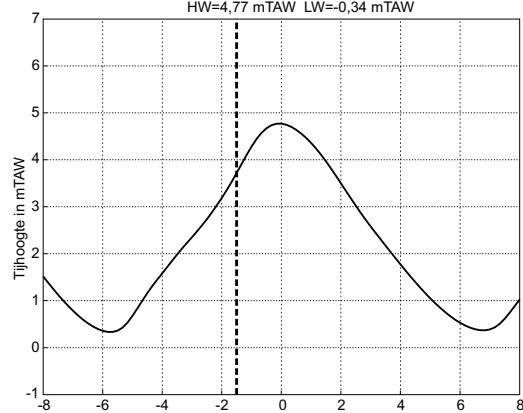
# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Doodtij : 1u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW



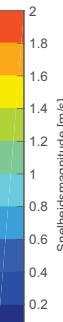
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

dijk  
slik  
5 m

200m 0 200 400 600 800m



4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'

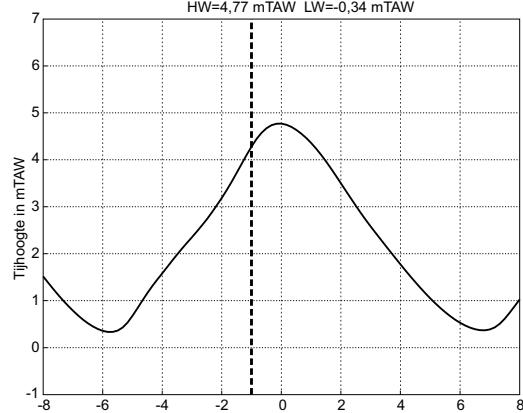
# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Doodtij : 1u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW



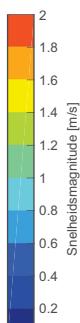
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

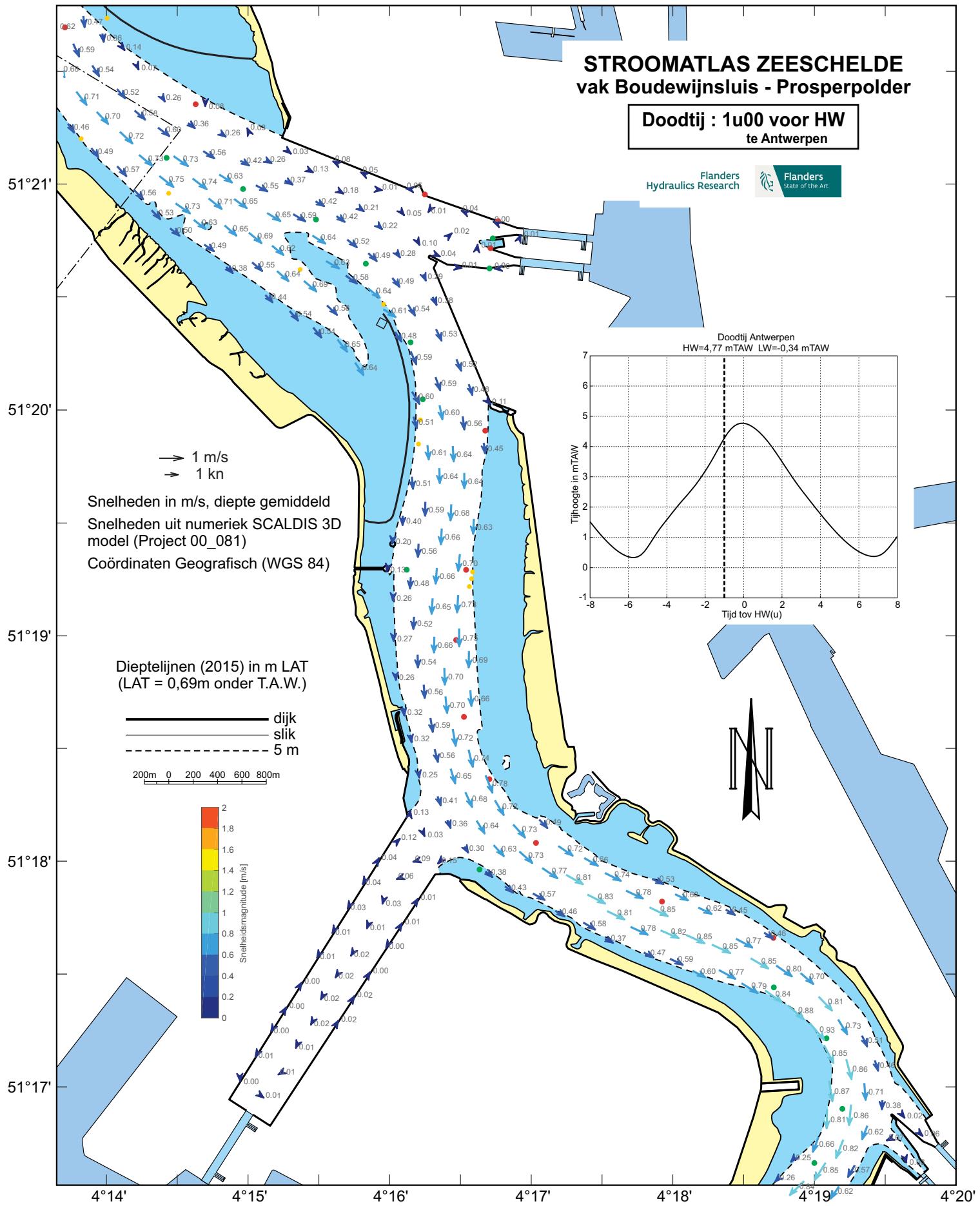
Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

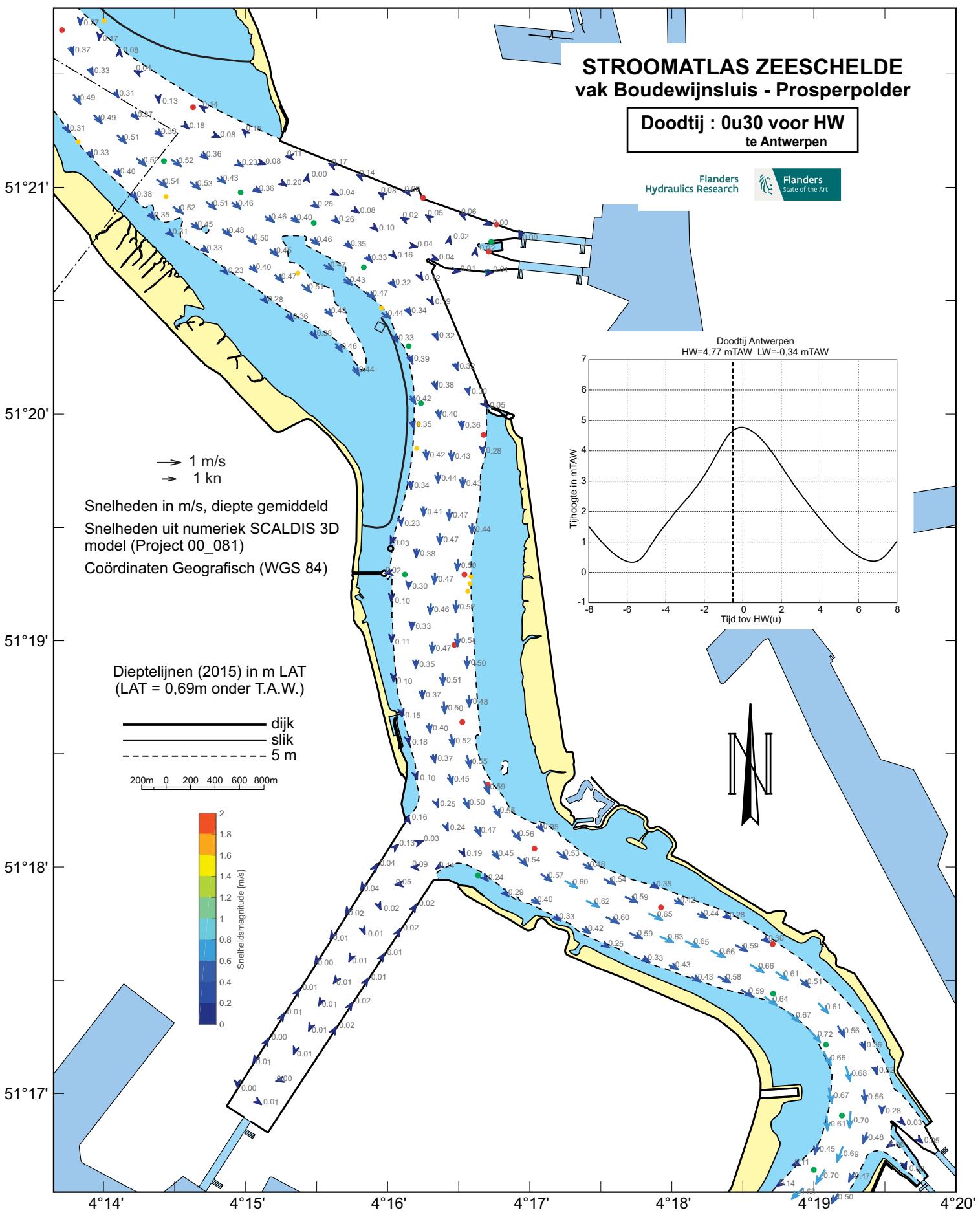
— dijk  
— slik  
- - - 5 m

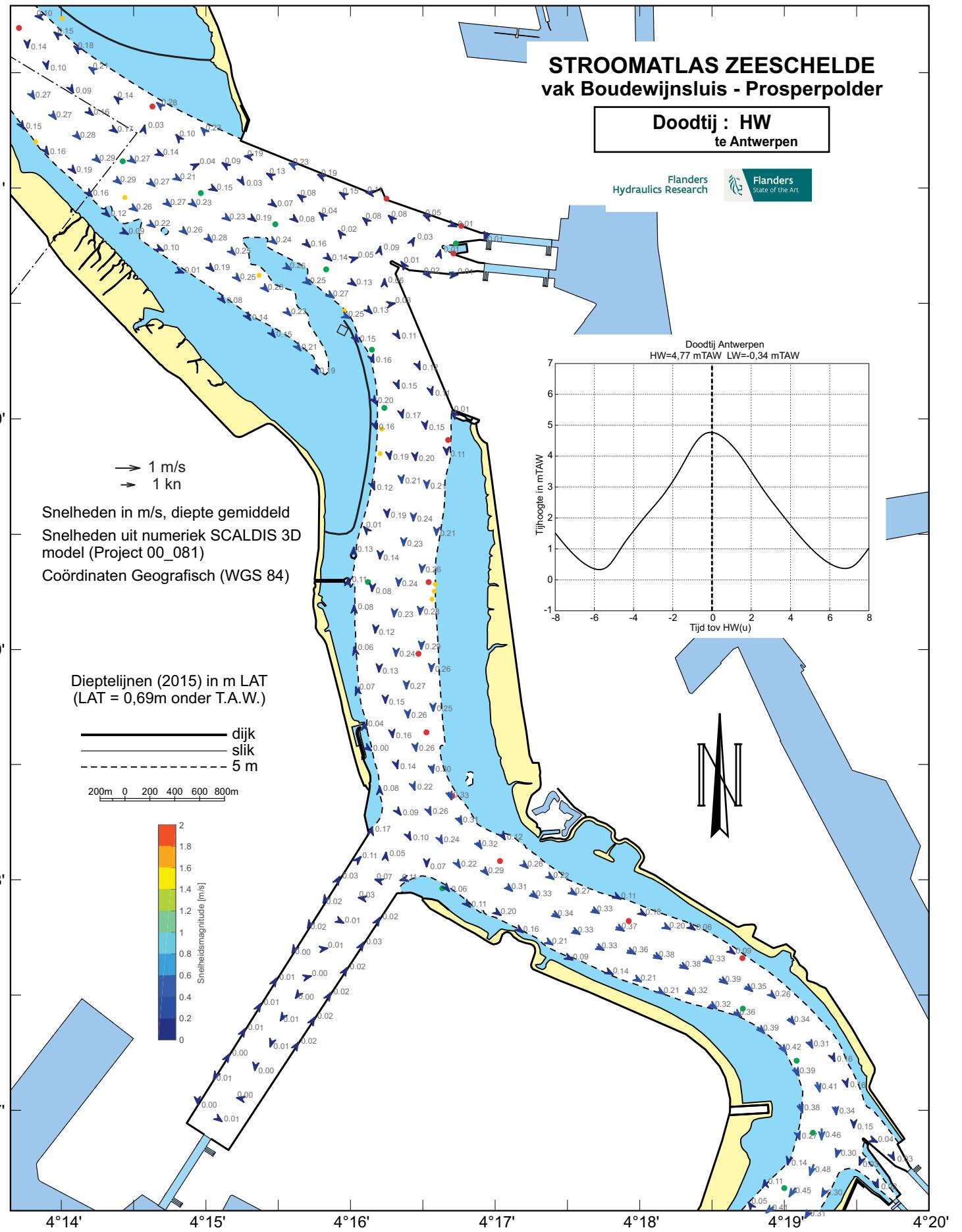
200m 0 200 400 600 800m



4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'







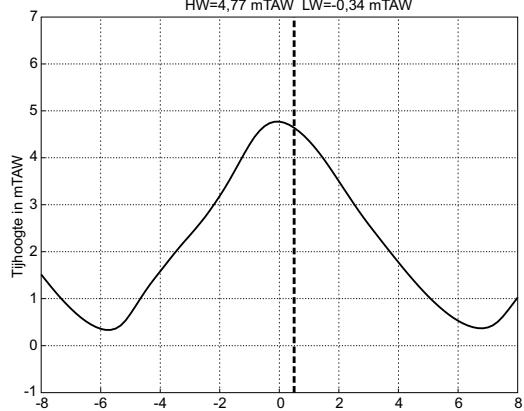
# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Doodtij : 0u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW



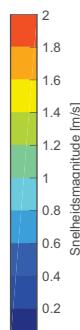
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,69m onder T.A.W.)

dijk  
slik  
- - - 5 m

200m 0 200 400 600 800m



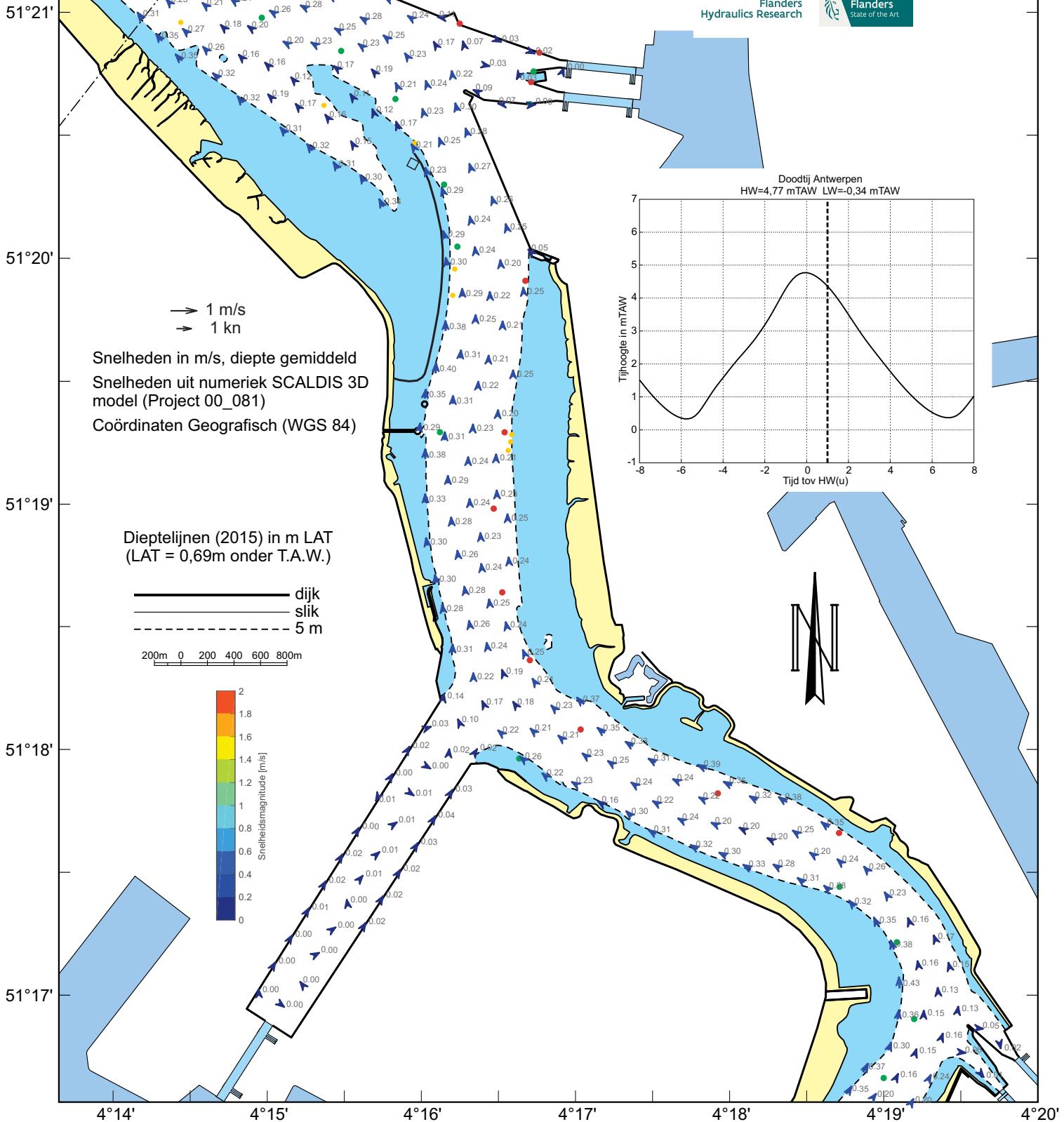
4°14' 4°15' 4°16' 4°17' 4°18' 4°19' 4°20'

**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Doodtij : 1u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

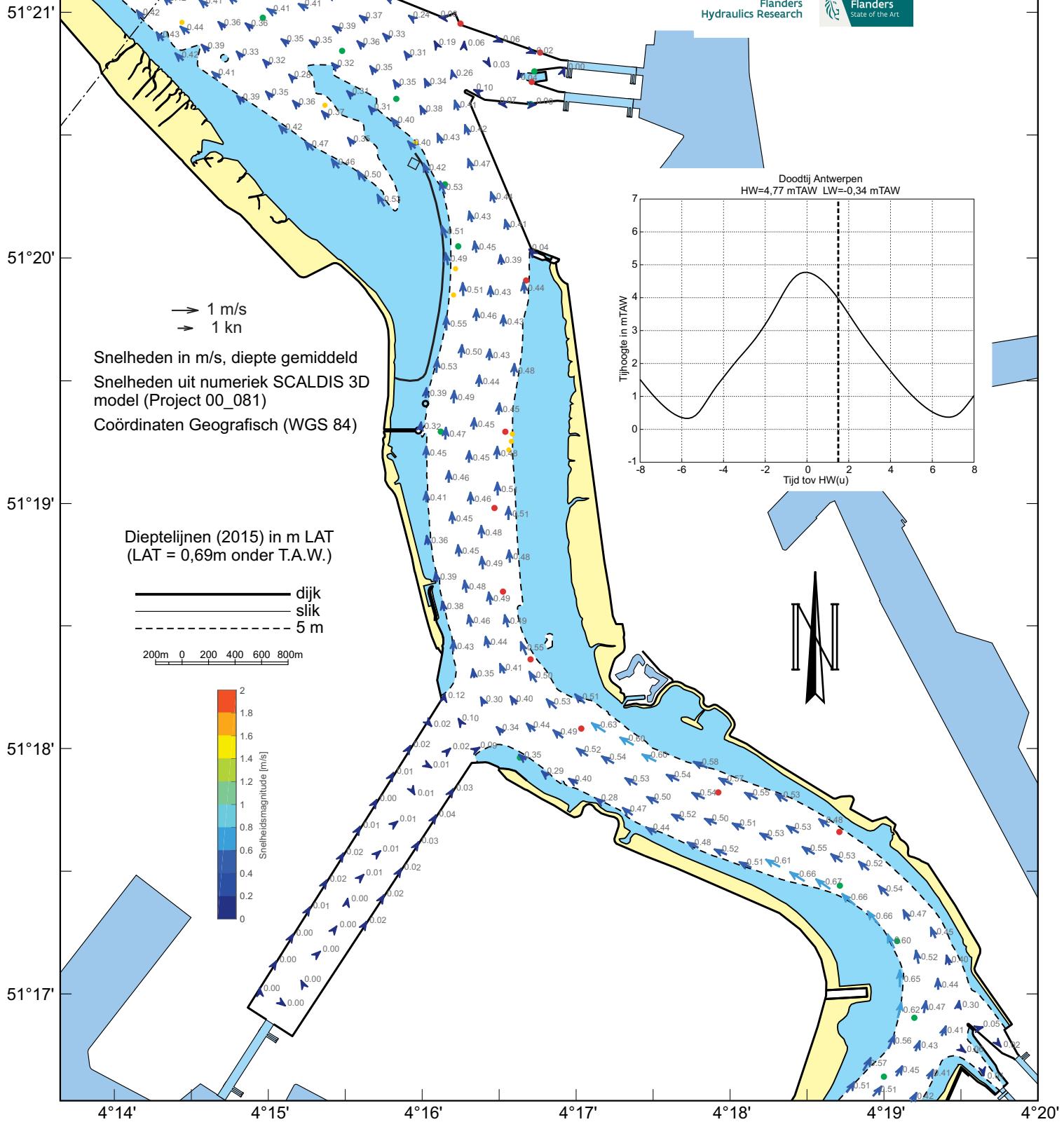


**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Doodtij : 1u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

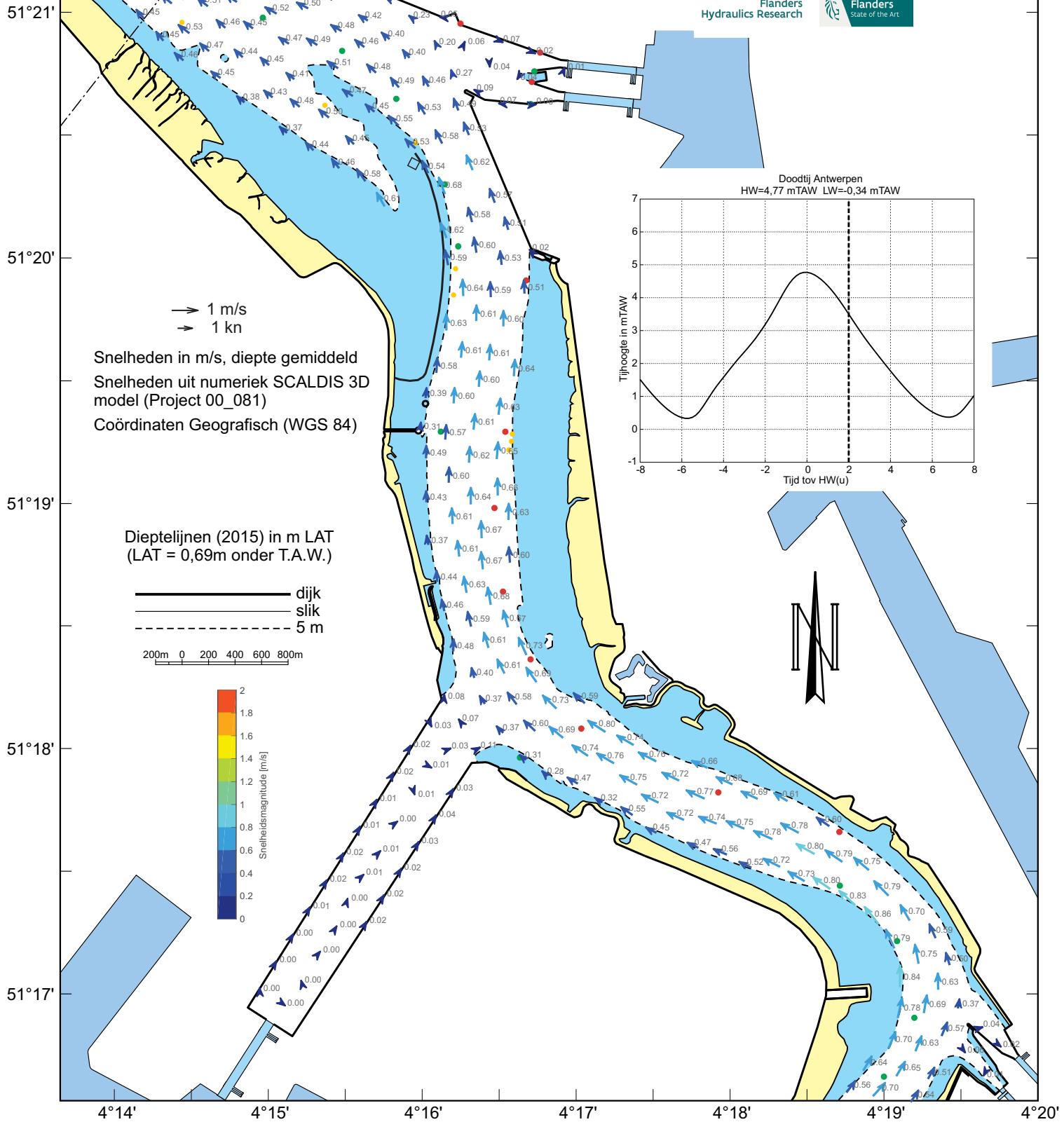


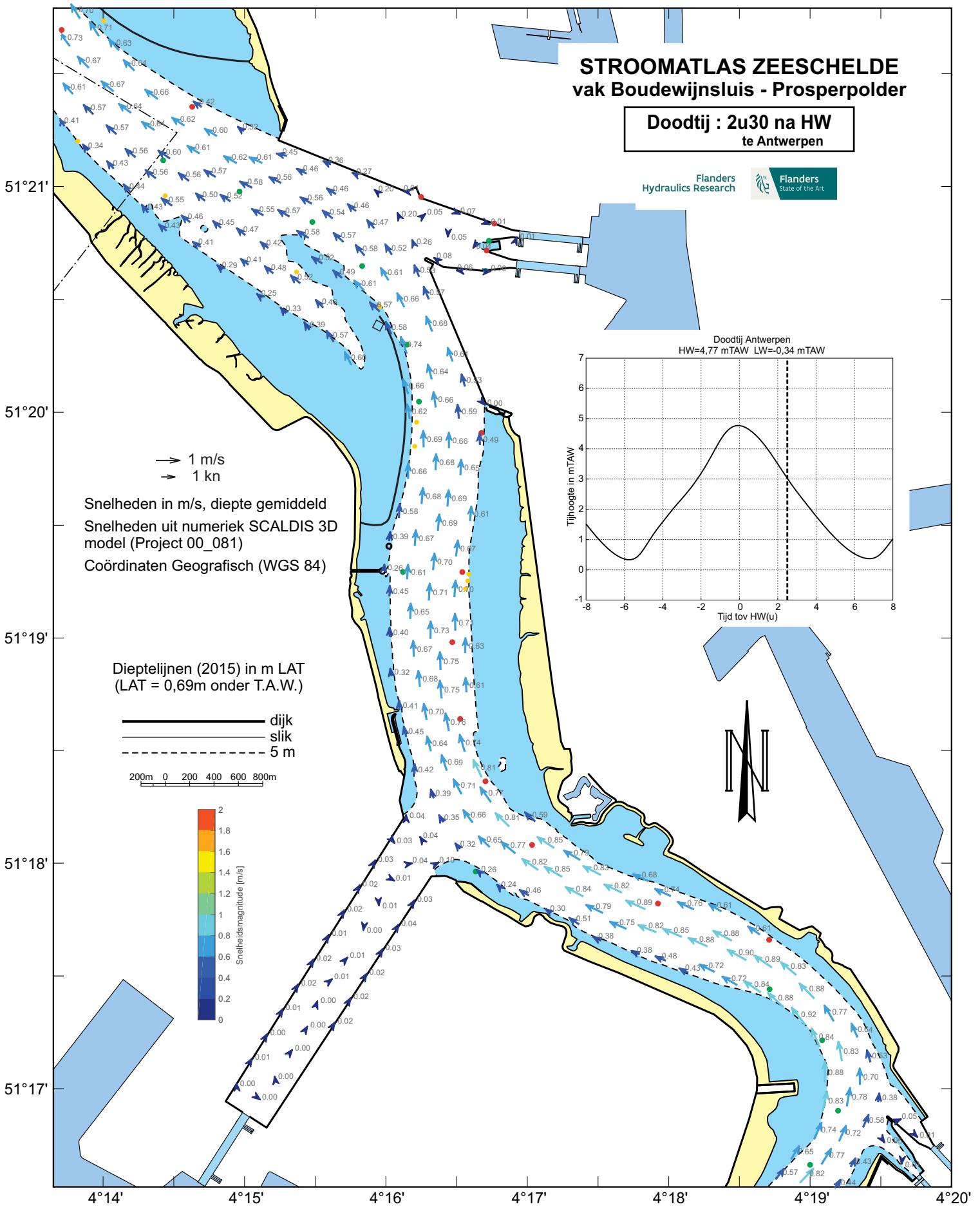
# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Doodtij : 2u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art



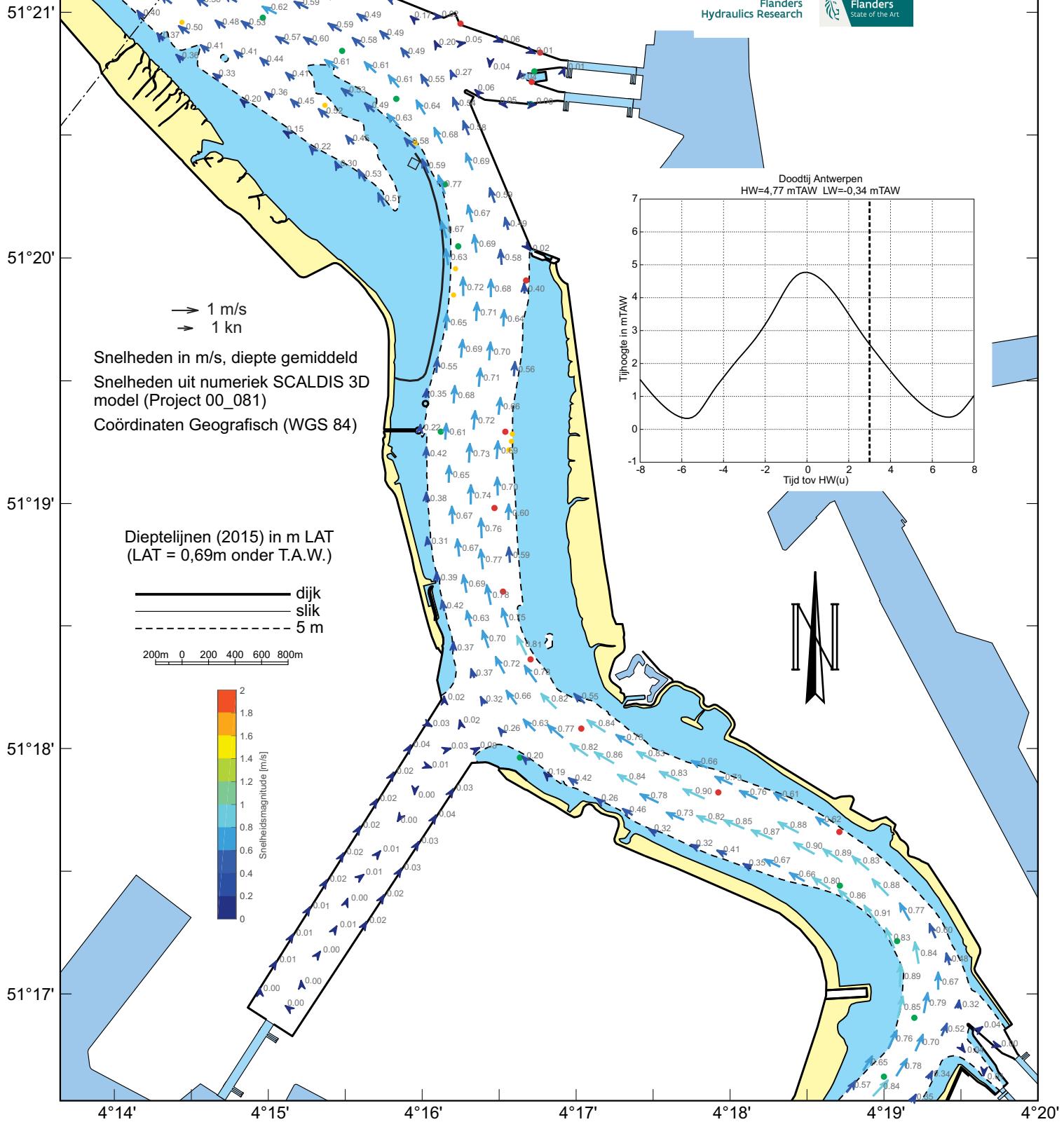


**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Doodtij : 3u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

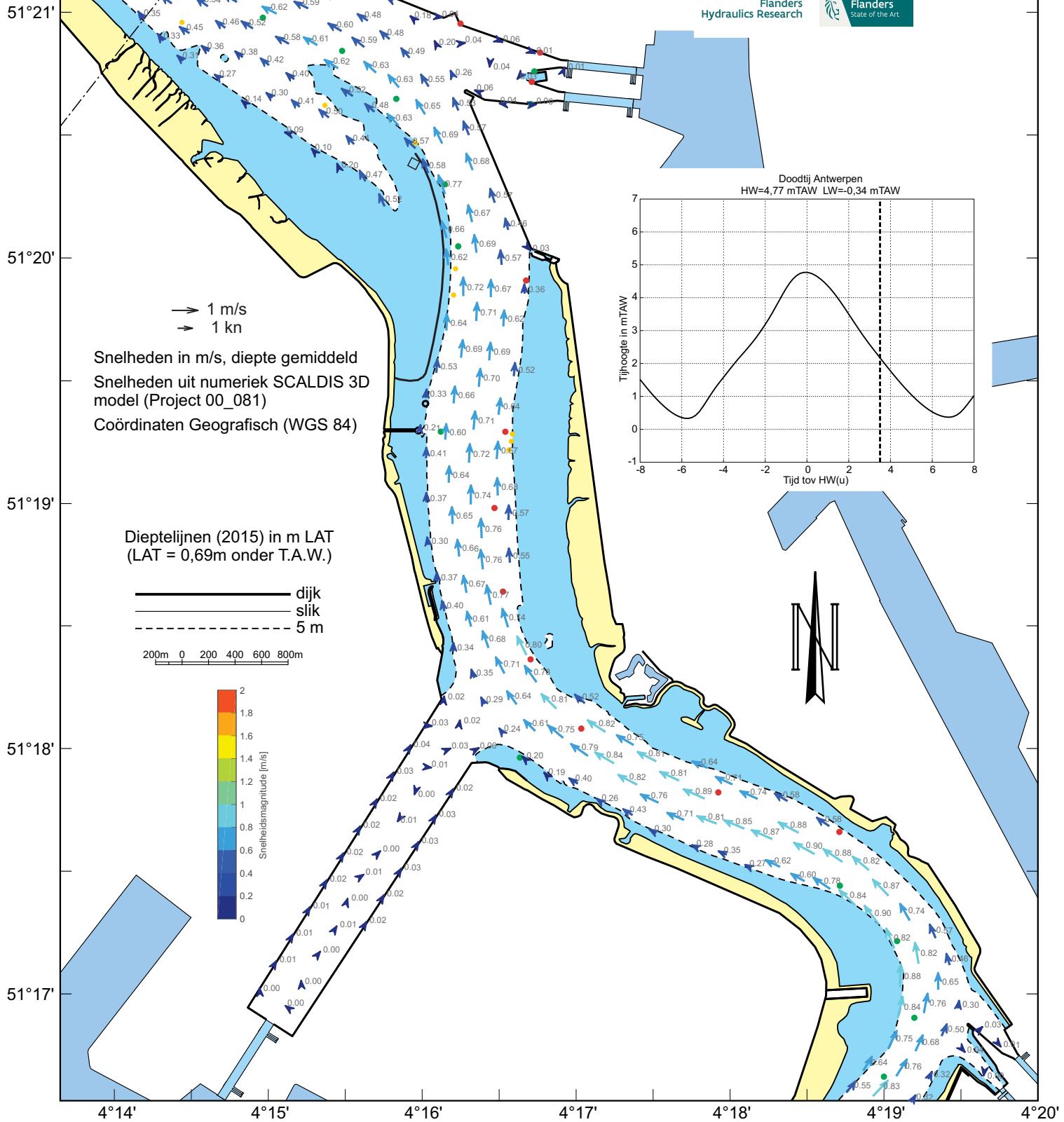


**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

Doodtij : 3u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

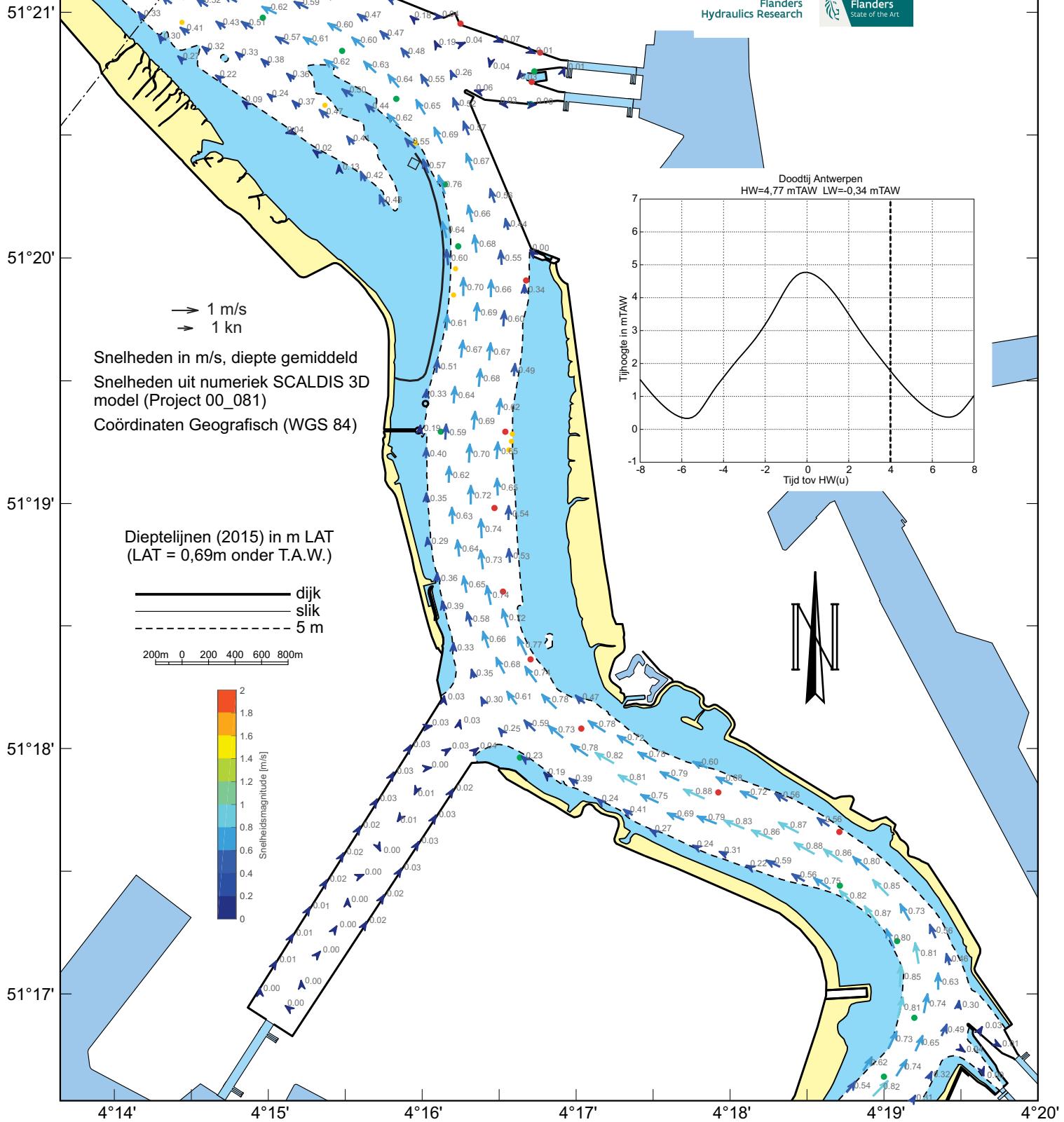


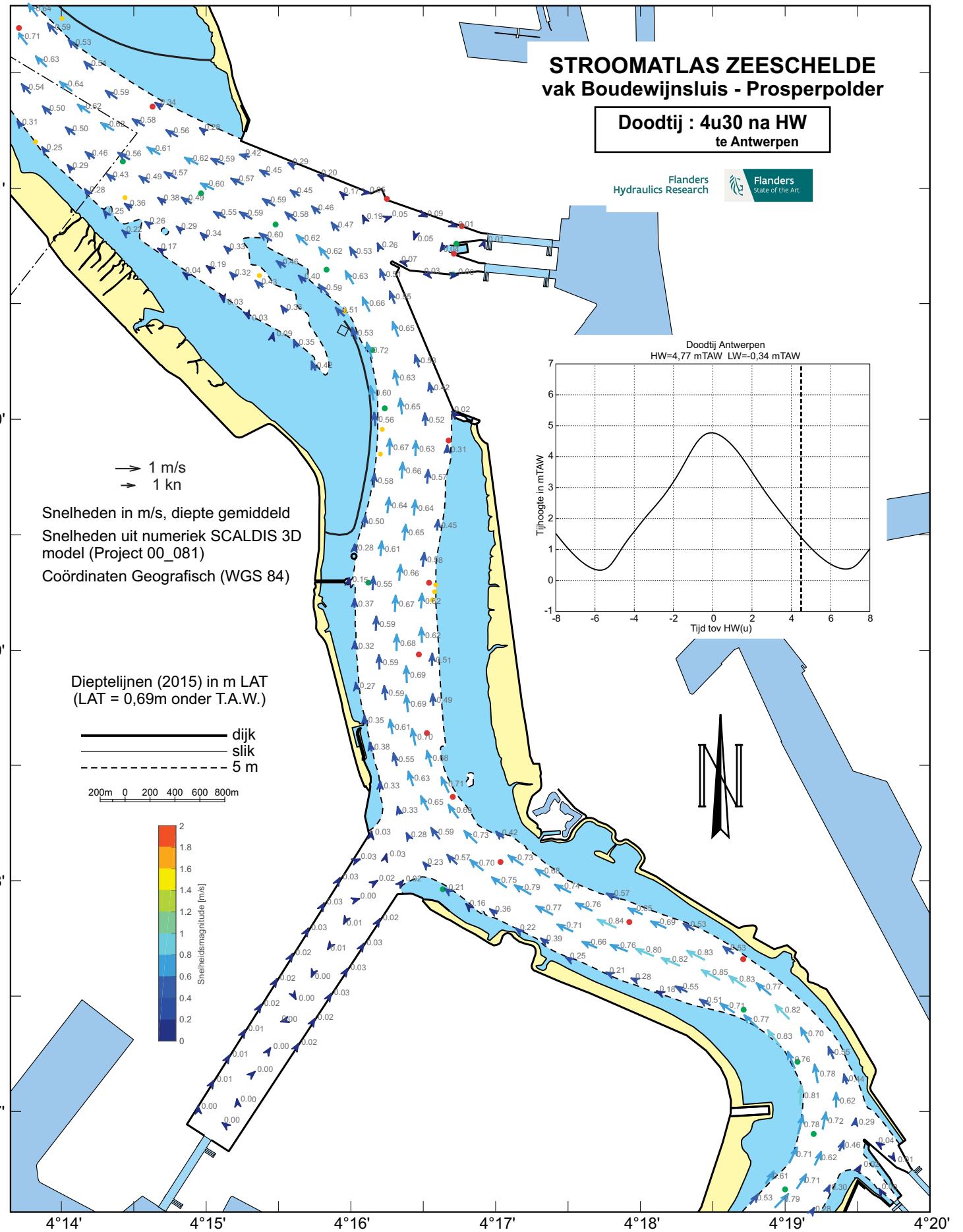
**STROOMATLAS ZEESCHELDE**  
vak Boudewijnsluis - Prosperpolder

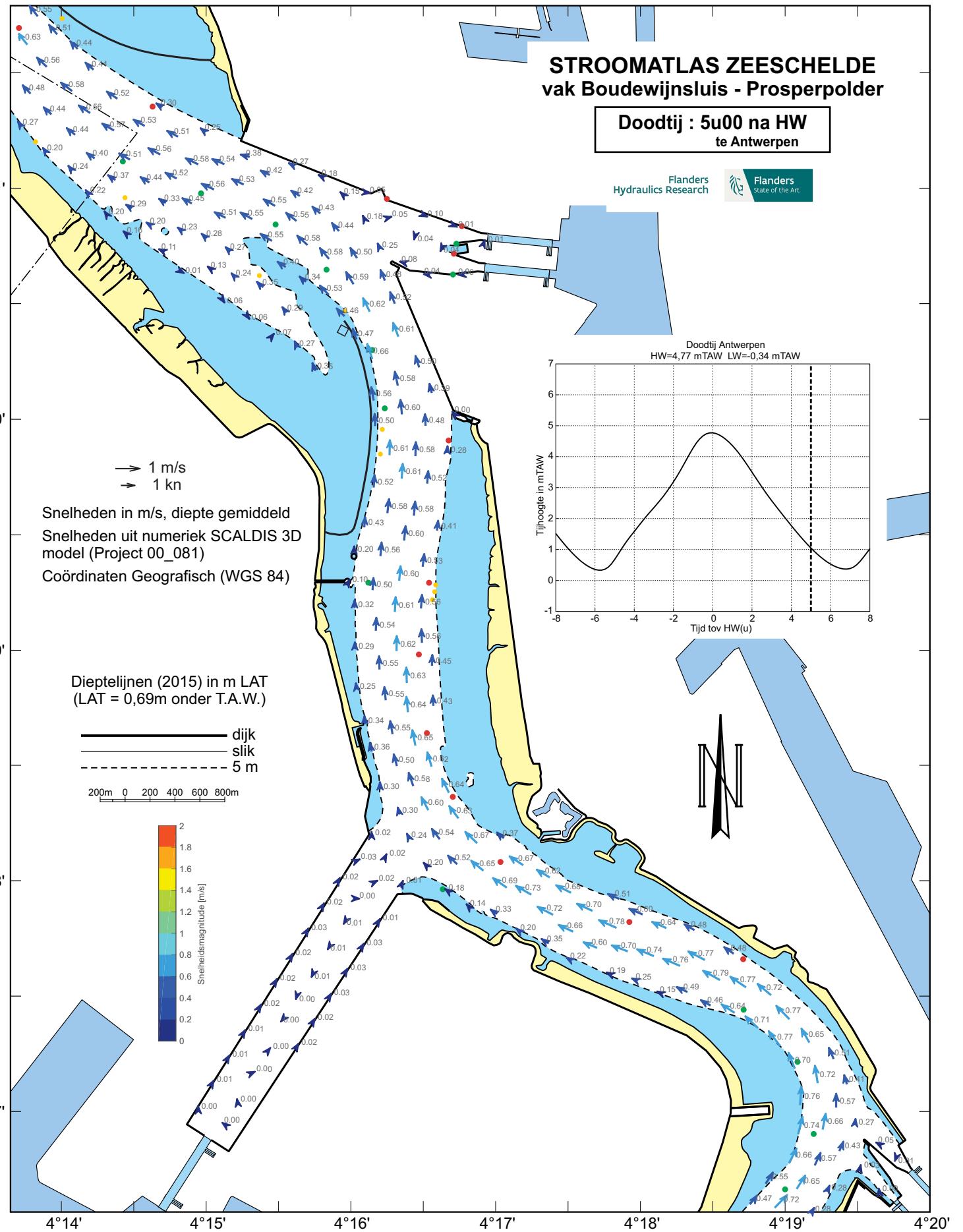
Doodtij : 4u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art





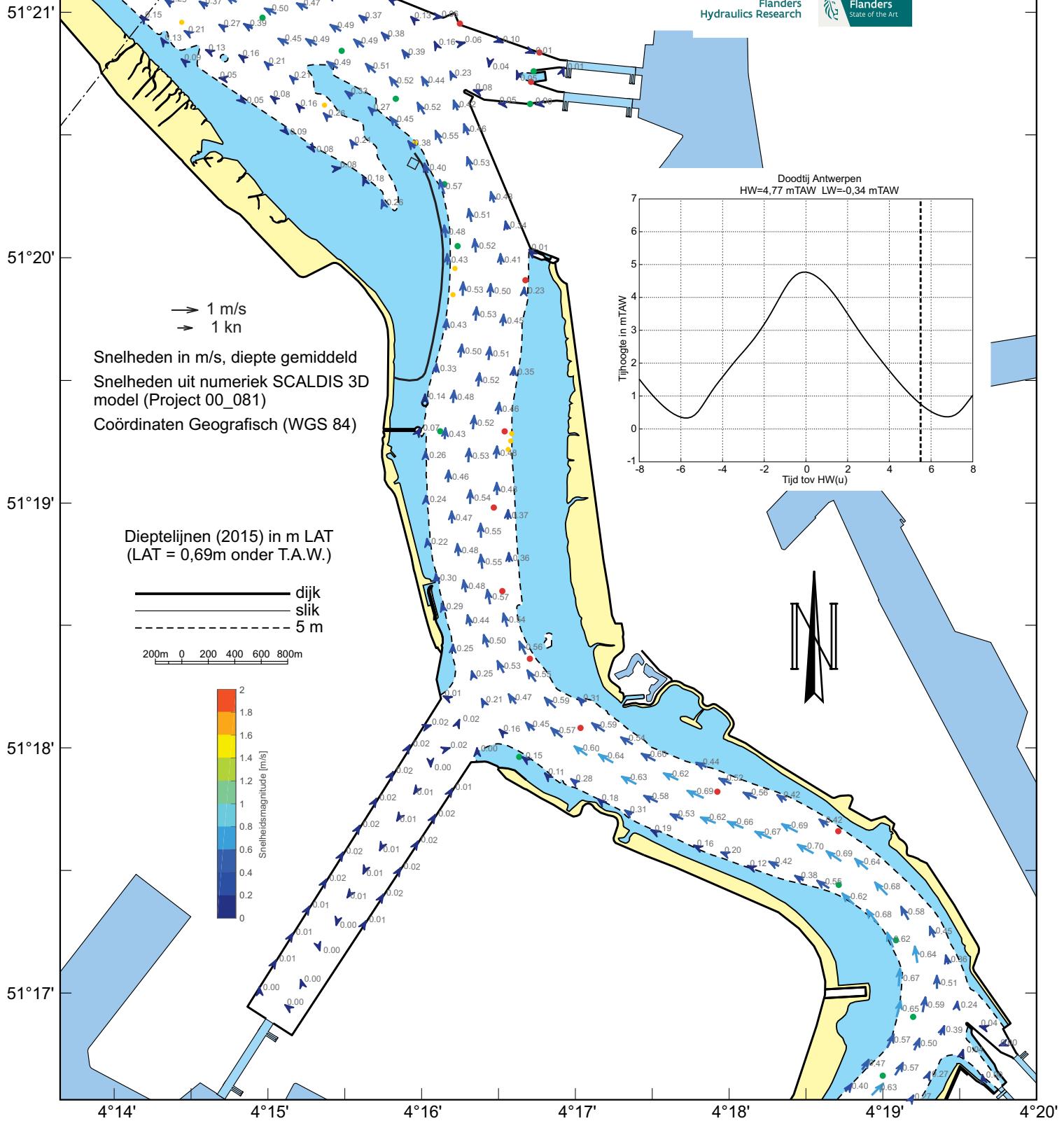


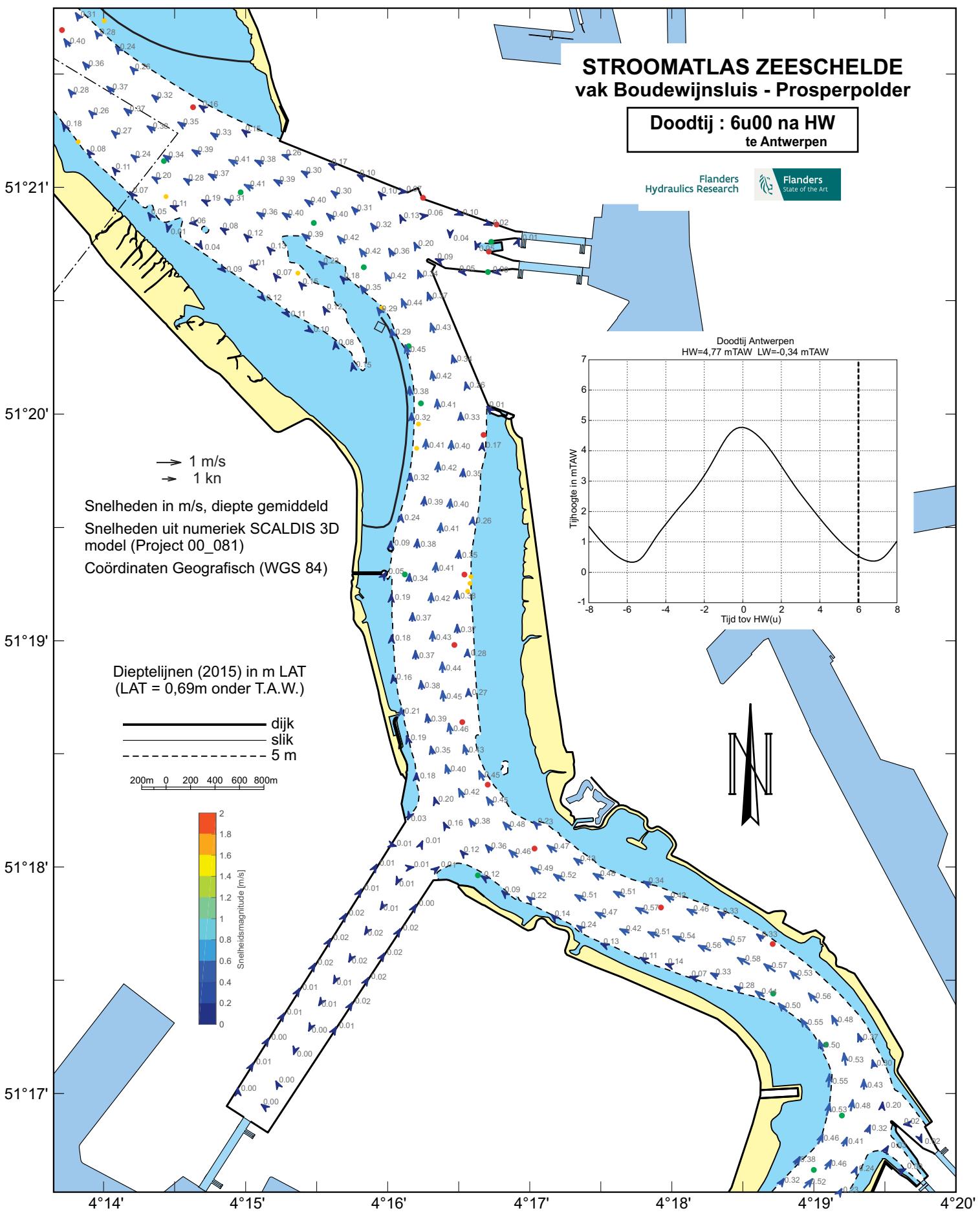
# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Doodtij : 5u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art



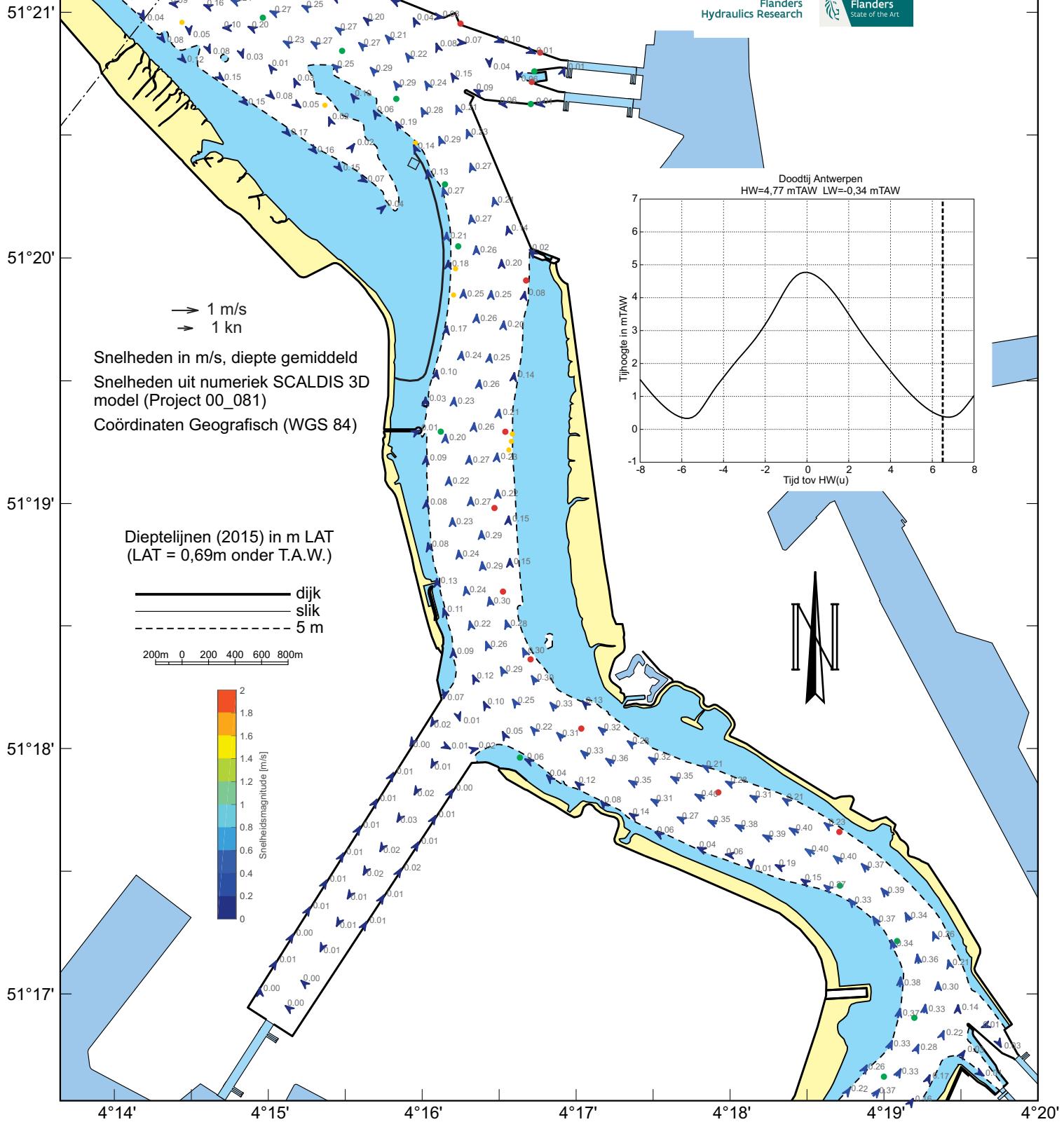


# STROOMATLAS ZEESCHELDE vak Boudewijnsluis - Prosperpolder

Doodtij : 6u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art





# **STROOMATLAS BENEDEN ZEESCHELDE**

## vak Boudewijnsluis - Antwerpen

**SPRINGTIJ**

*Vlaamse overheid  
Departement Mobiliteit en Openbare Werken  
Waterbouwkundig Laboratorium*

# STROOMATLAS BENEDEN ZEESCHELDE

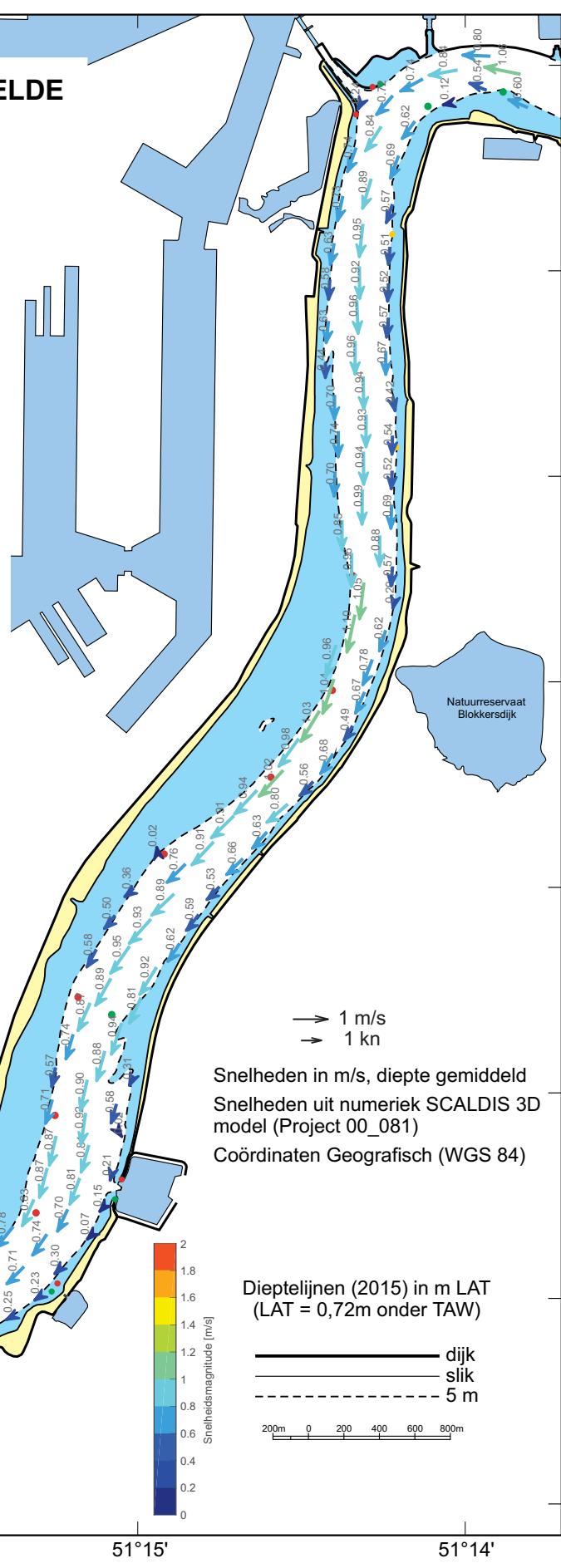
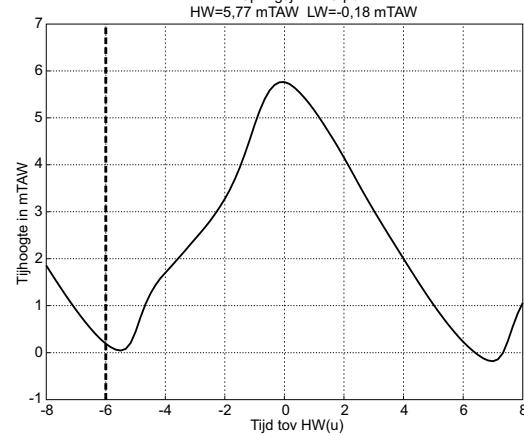
## vak Antwerpen - Boudewijnsluis

Springtij : 6u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



# STROOMATLAS BENEDEN ZEESCHELDE

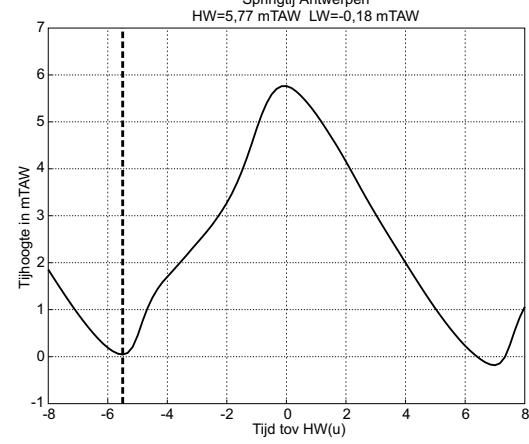
## vak Antwerpen - Boudewijnsluis

Springtij : 5u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



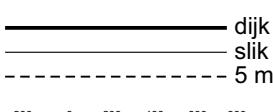
Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



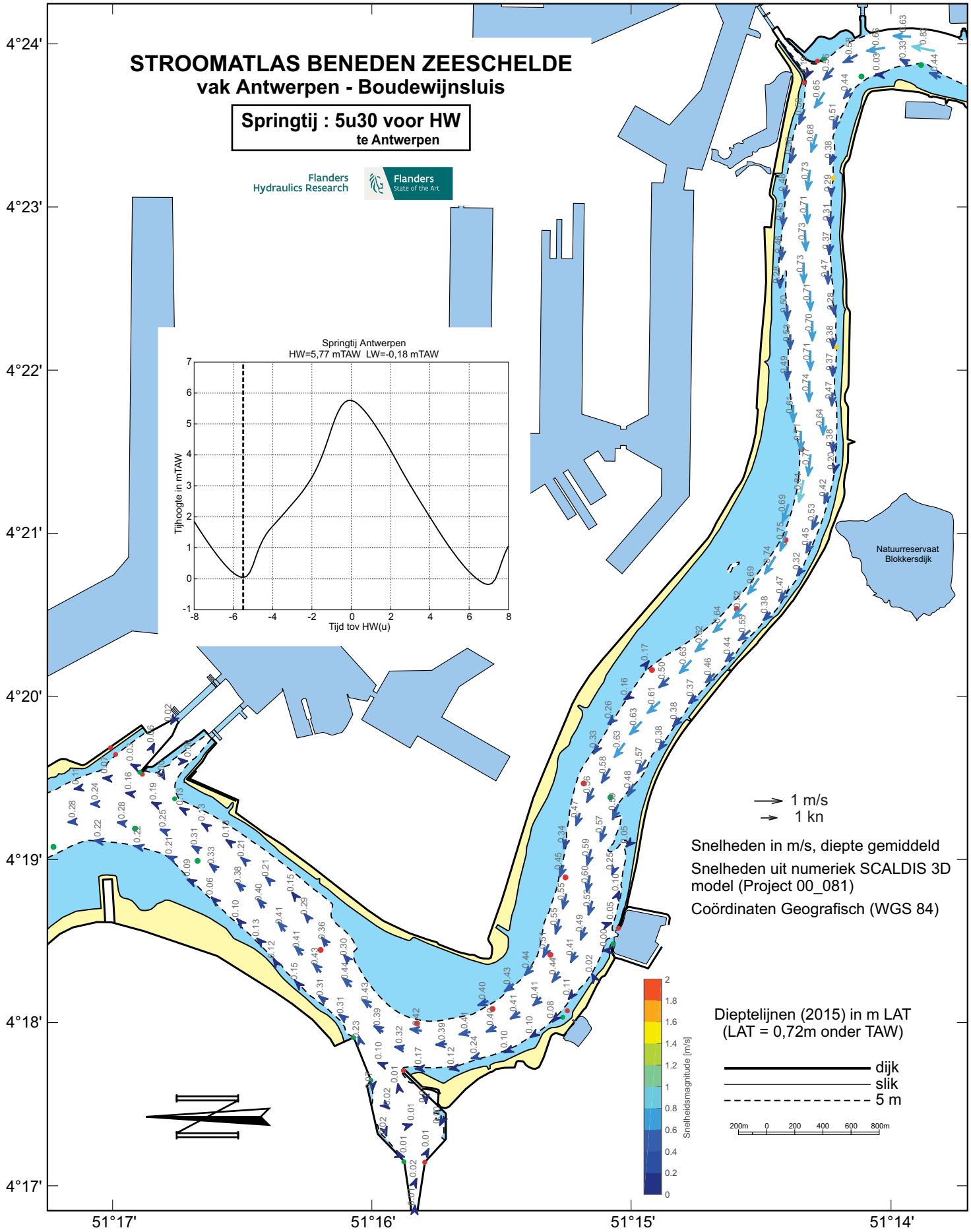
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,72m onder TAW)



200m 0 200 400 600 800m



# STROOMATLAS BENEDEN ZEESCHELDE

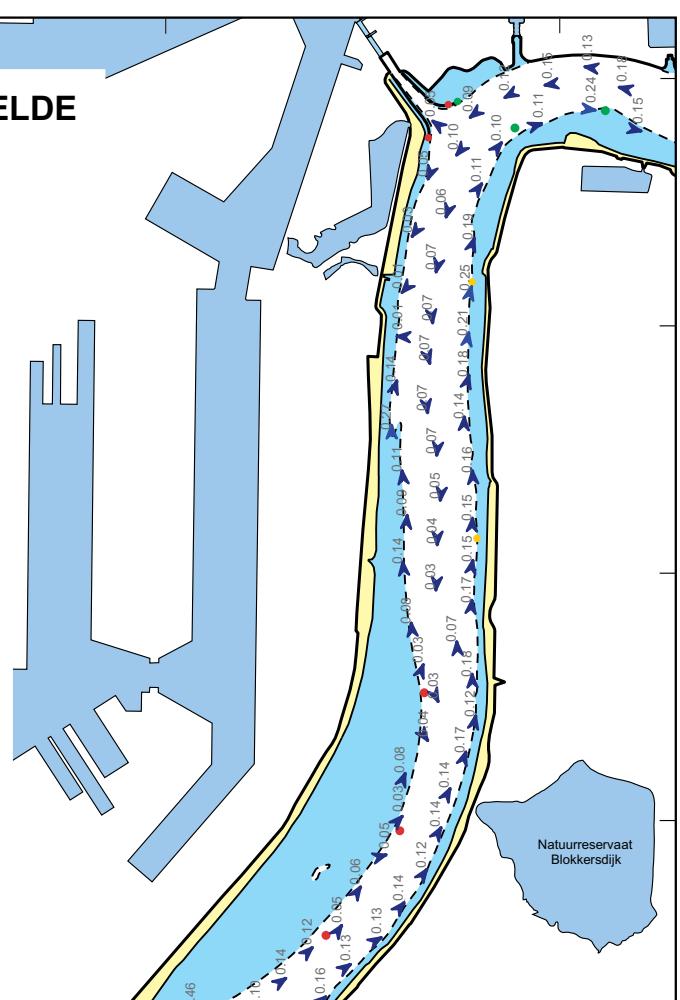
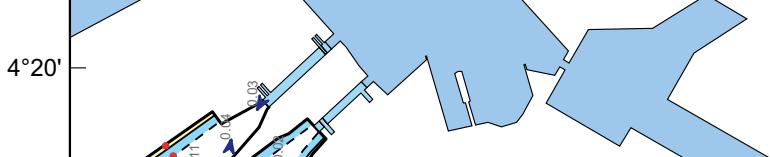
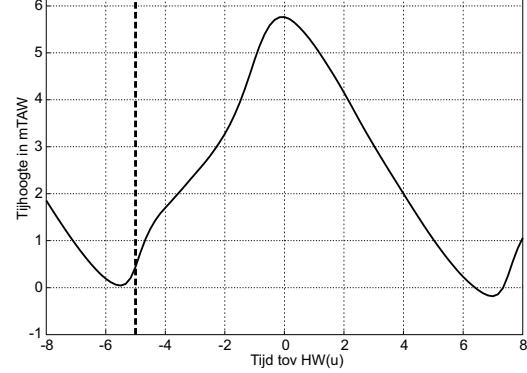
## vak Antwerpen - Boudewijnsluis

Springtij : 5u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

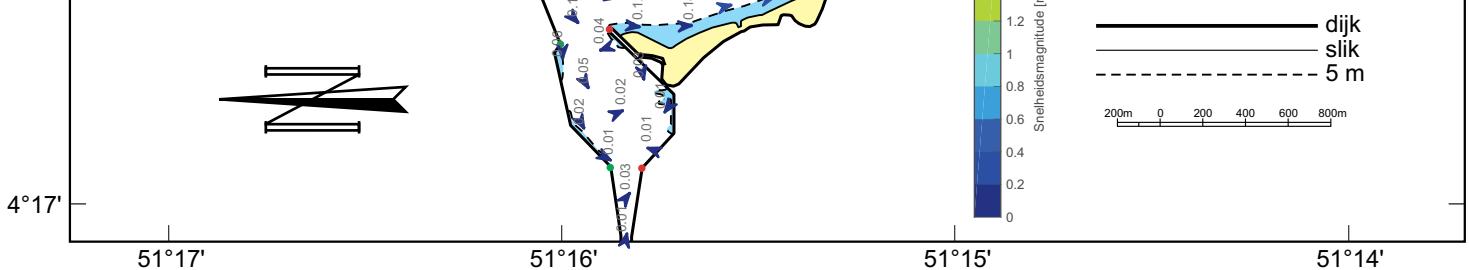
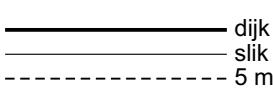


Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,72m onder TAW)



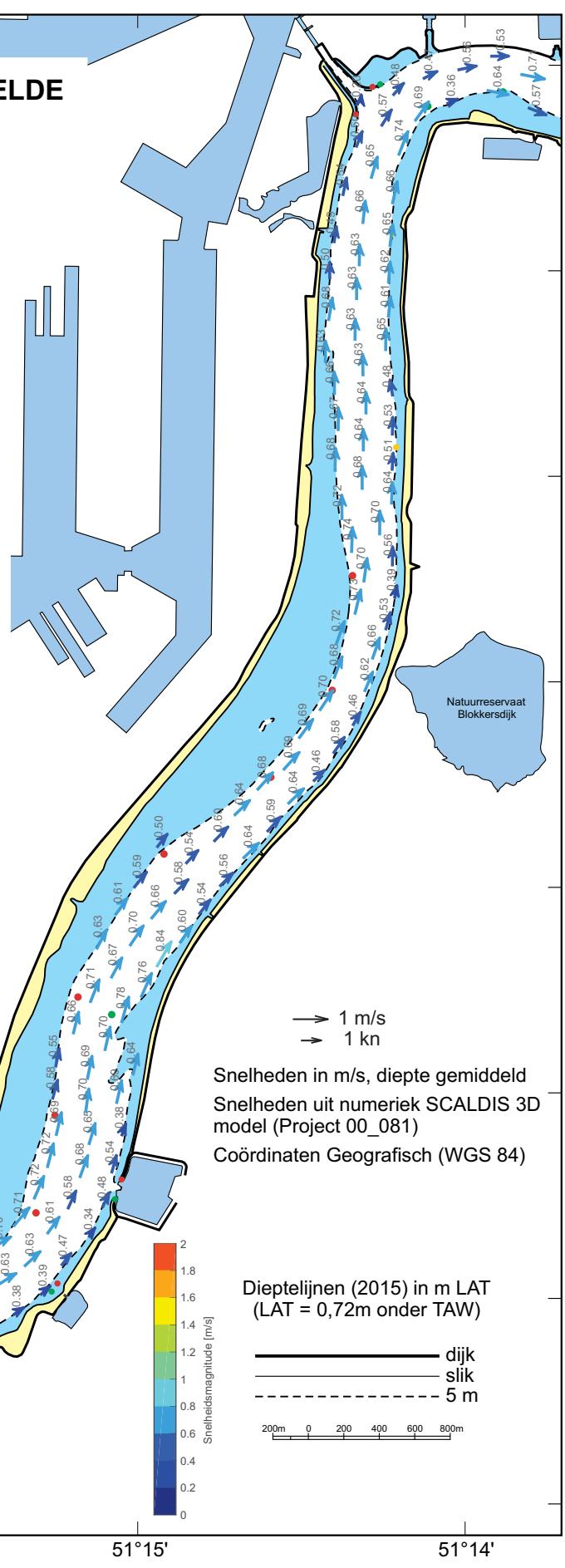
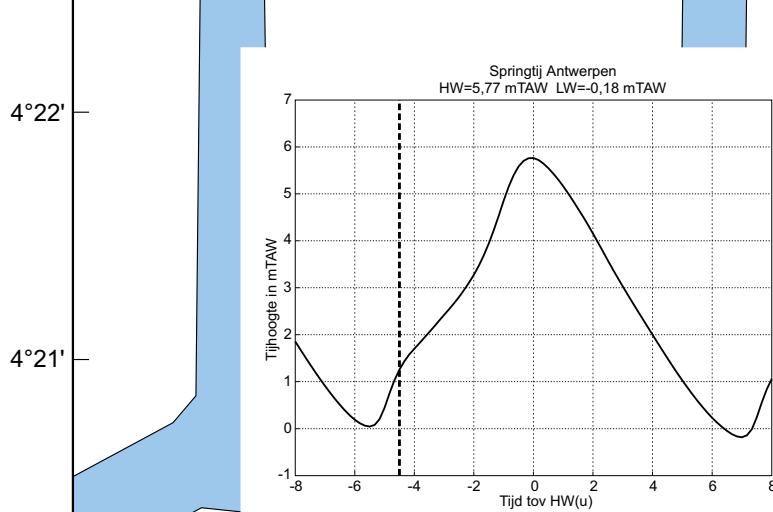
# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Springtij : 4u30 voor HW  
te Antwerpen

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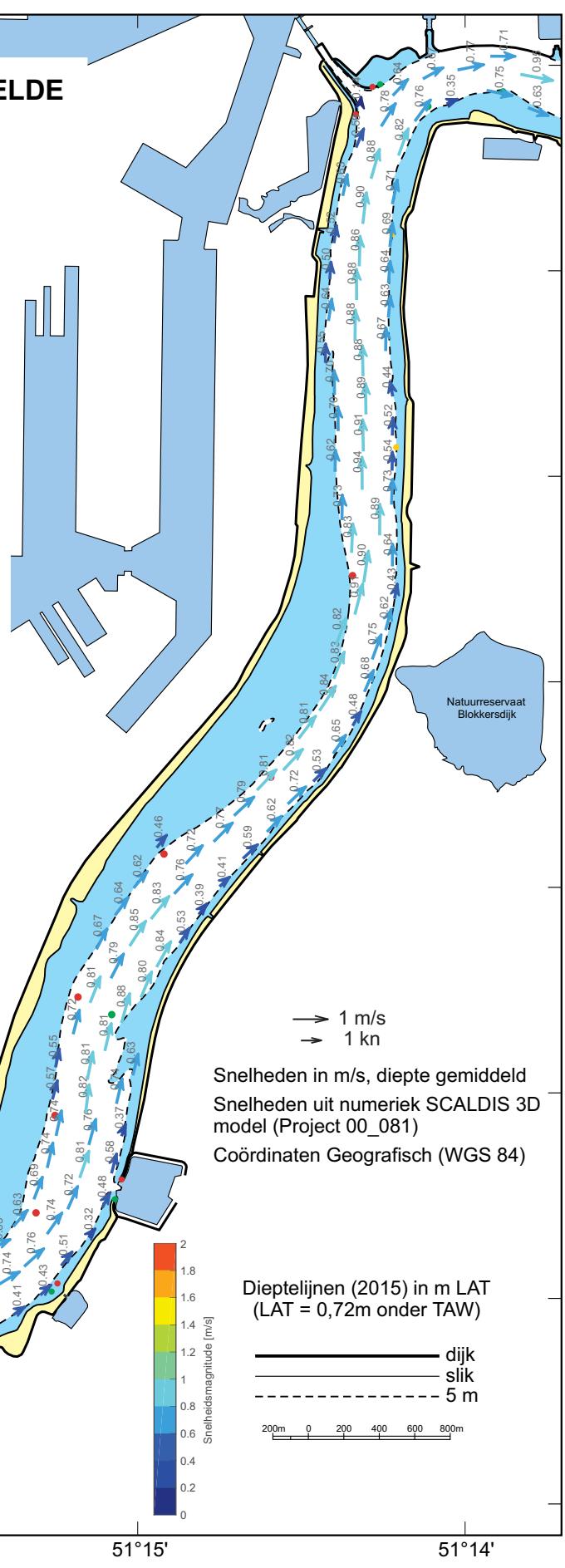
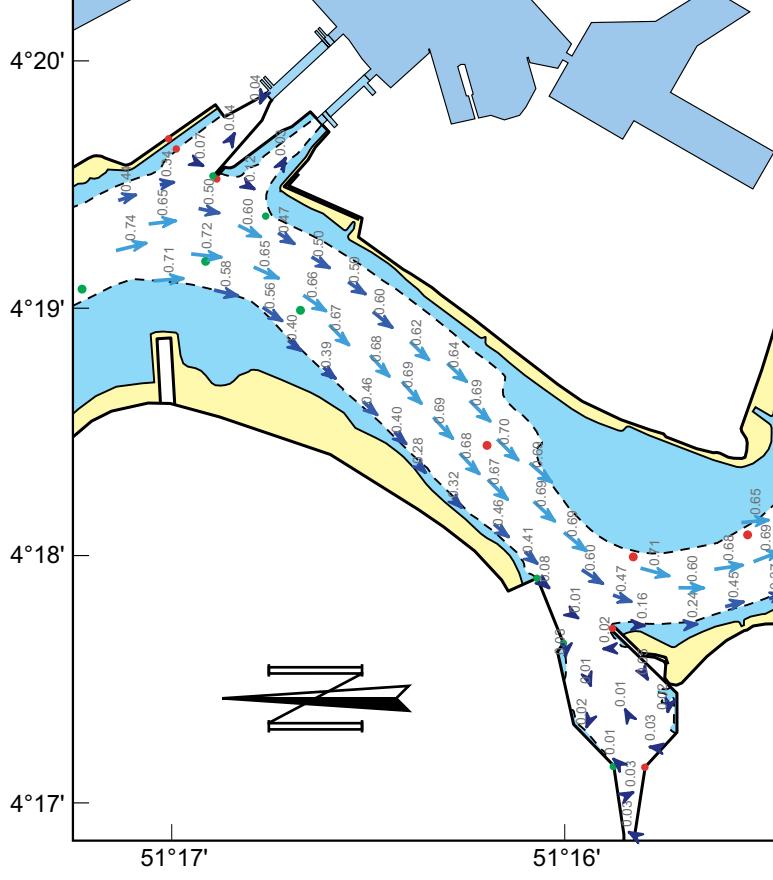
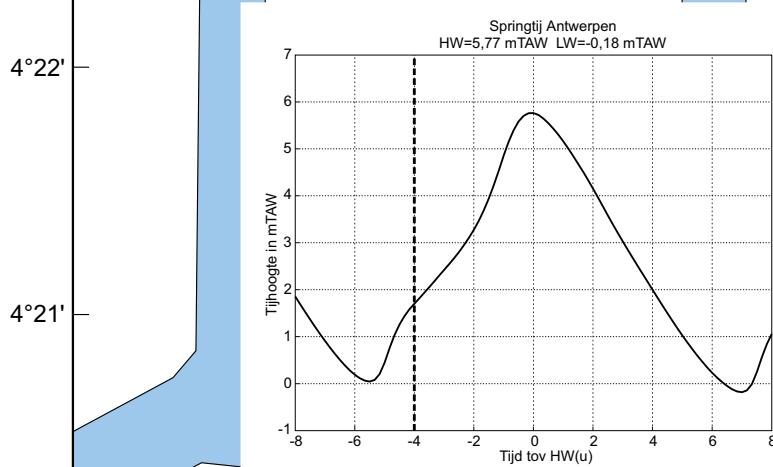
# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Springtij : 4u00 voor HW  
te Antwerpen

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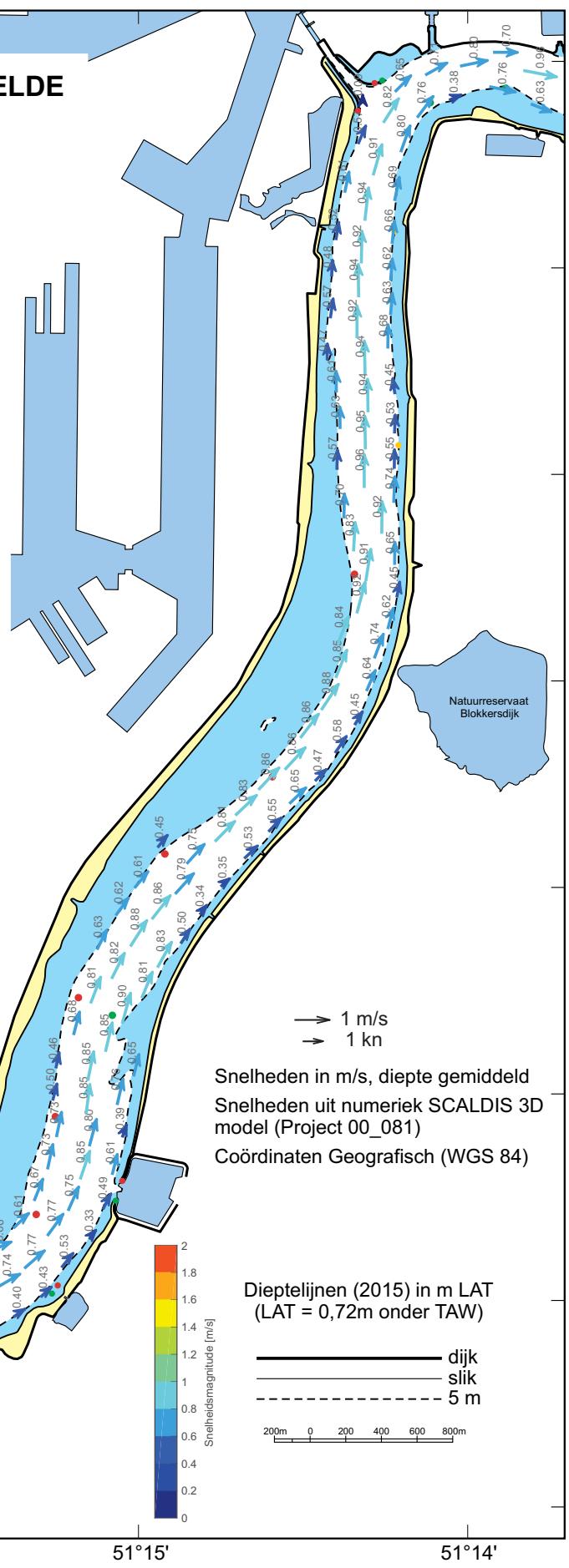
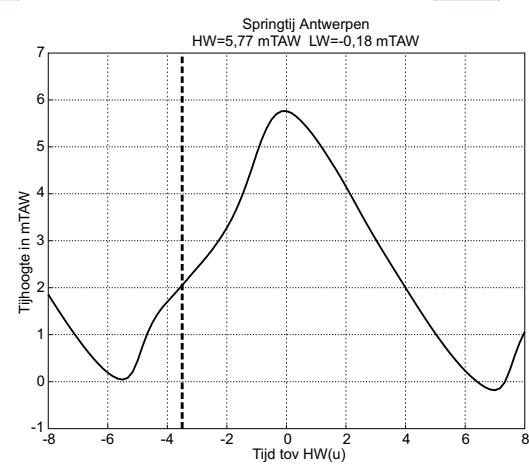


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Springtij : 3u30 voor HW  
te Antwerpen

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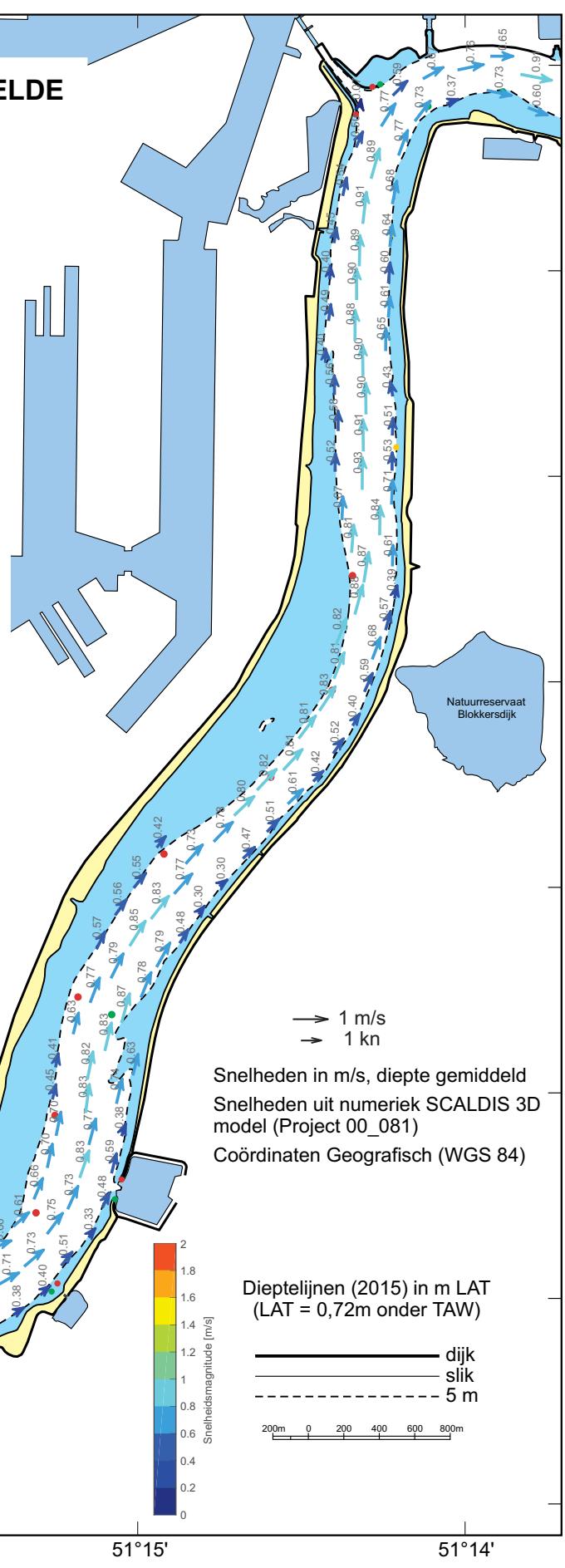
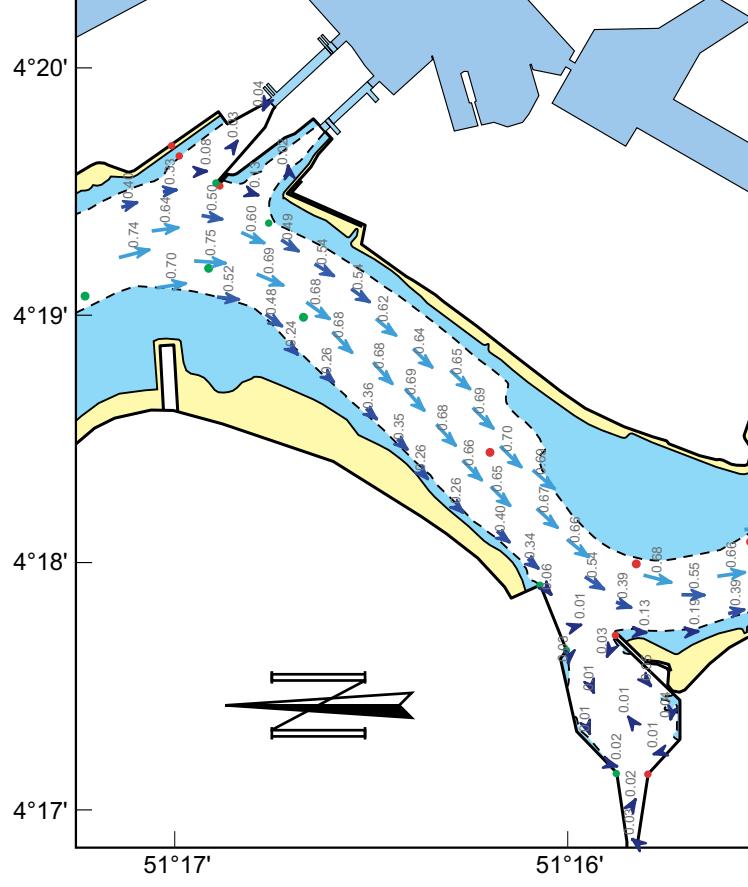
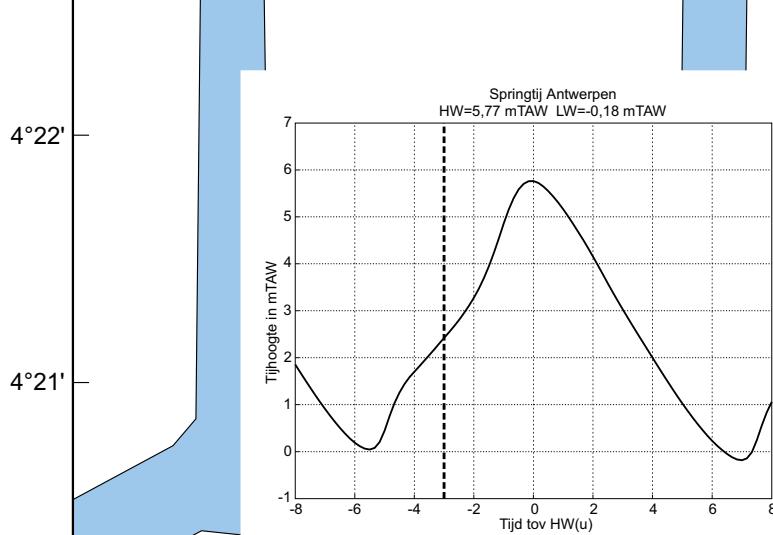


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Springtij : 3u00 voor HW  
te Antwerpen

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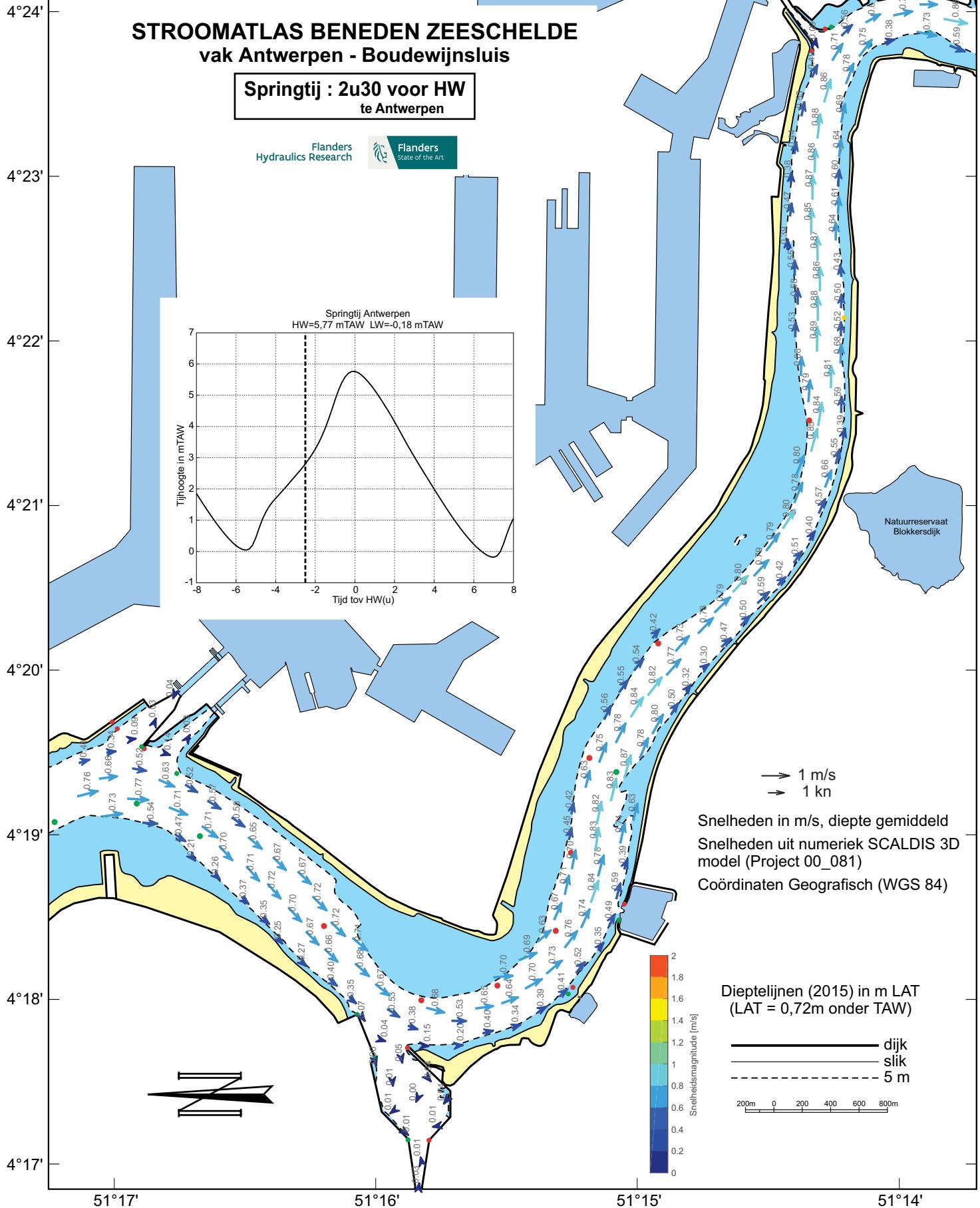
# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Springtij : 2u30 voor HW  
te Antwerpen

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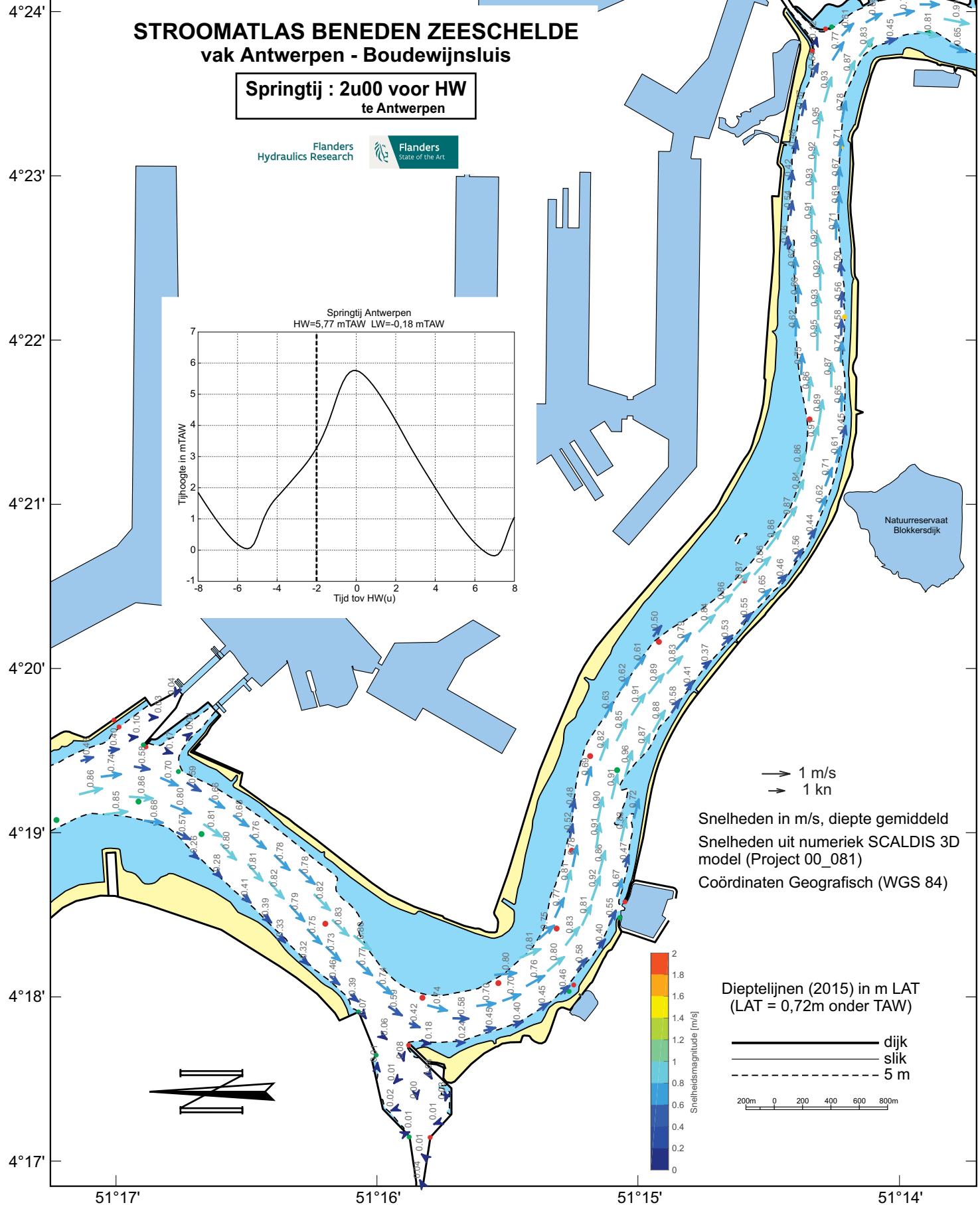
# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Springtij : 2u00 voor HW  
te Antwerpen

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# STROOMATLAS BENEDEN ZEESCHELDE

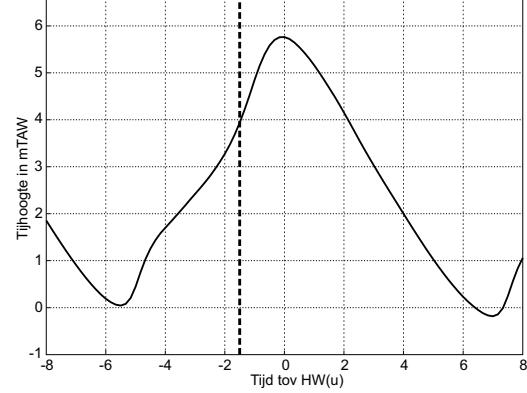
## vak Antwerpen - Boudewijnsluis

Springtij : 1u30 voor HW  
te Antwerpen

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Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



→ 1 m/s  
→ 1 kn

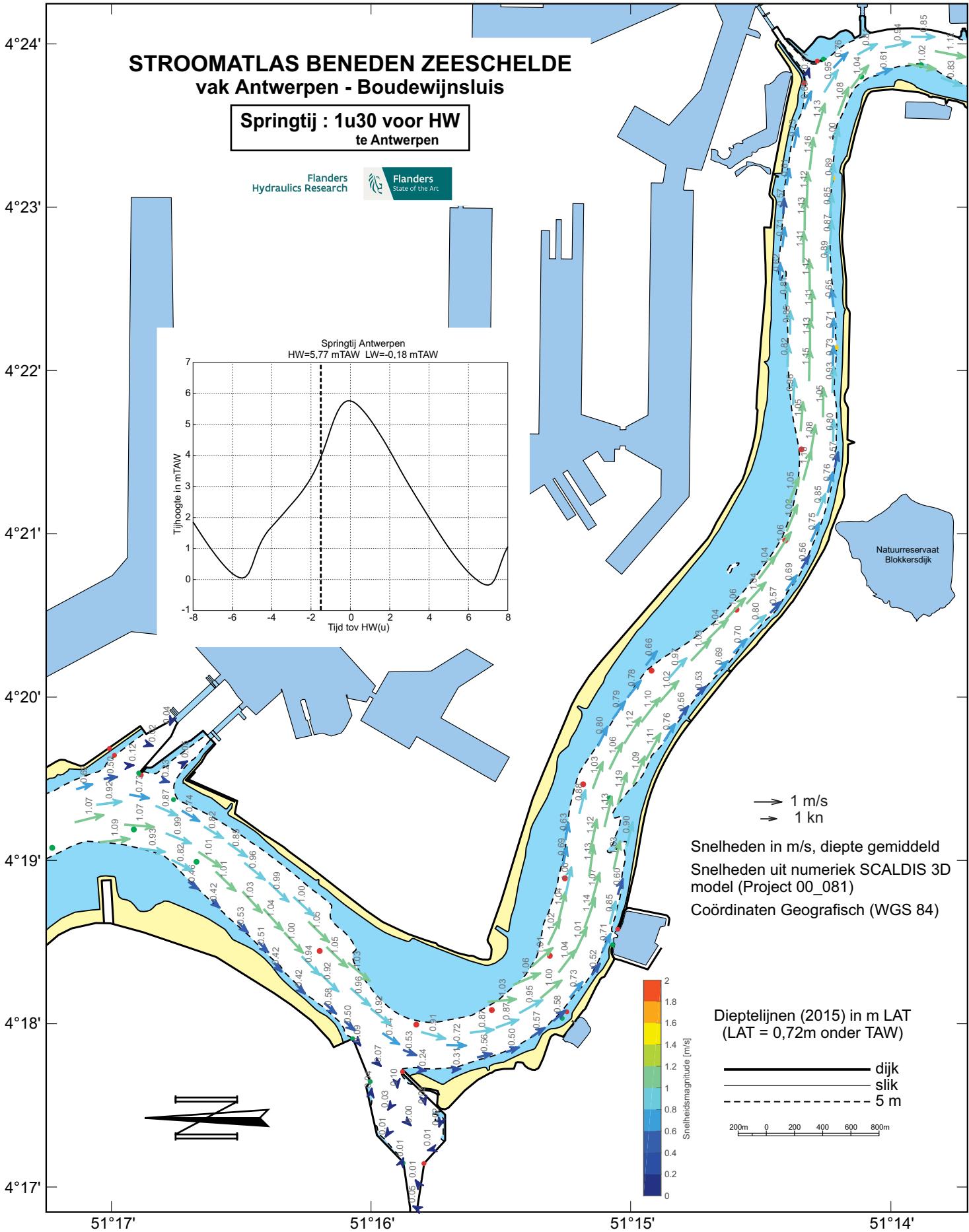
Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,72m onder TAW)

dijk  
slik  
5 m

200m 0 200 400 600 800m

Snelheidsmagnitude [m/s]



# STROOMATLAS BENEDEN ZEESCHELDE

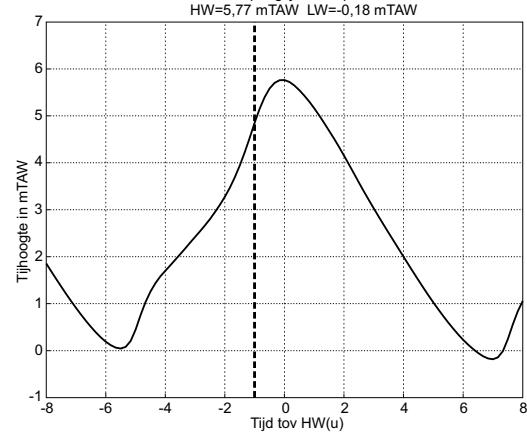
## vak Antwerpen - Boudewijnsluis

Springtij : 1u00 voor HW  
te Antwerpen

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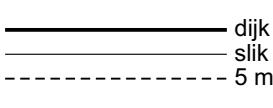
Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



→ 1 m/s  
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Dieptelijnen (2015) in m LAT  
(LAT = 0,72m onder TAW)



200m 0 200 400 600 800m

51°17'

51°16'

51°15'

51°14'

4°24'

4°23'

4°22'

4°21'

4°20'

4°19'

4°18'

4°17'

# STROOMATLAS BENEDEN ZEESCHELDE

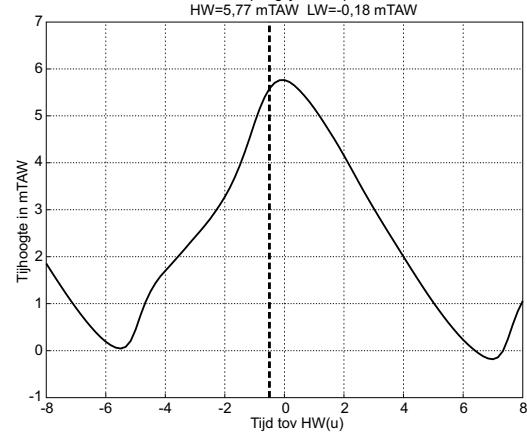
## vak Antwerpen - Boudewijnsluis

Springtij : 0u30 voor HW  
te Antwerpen

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Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



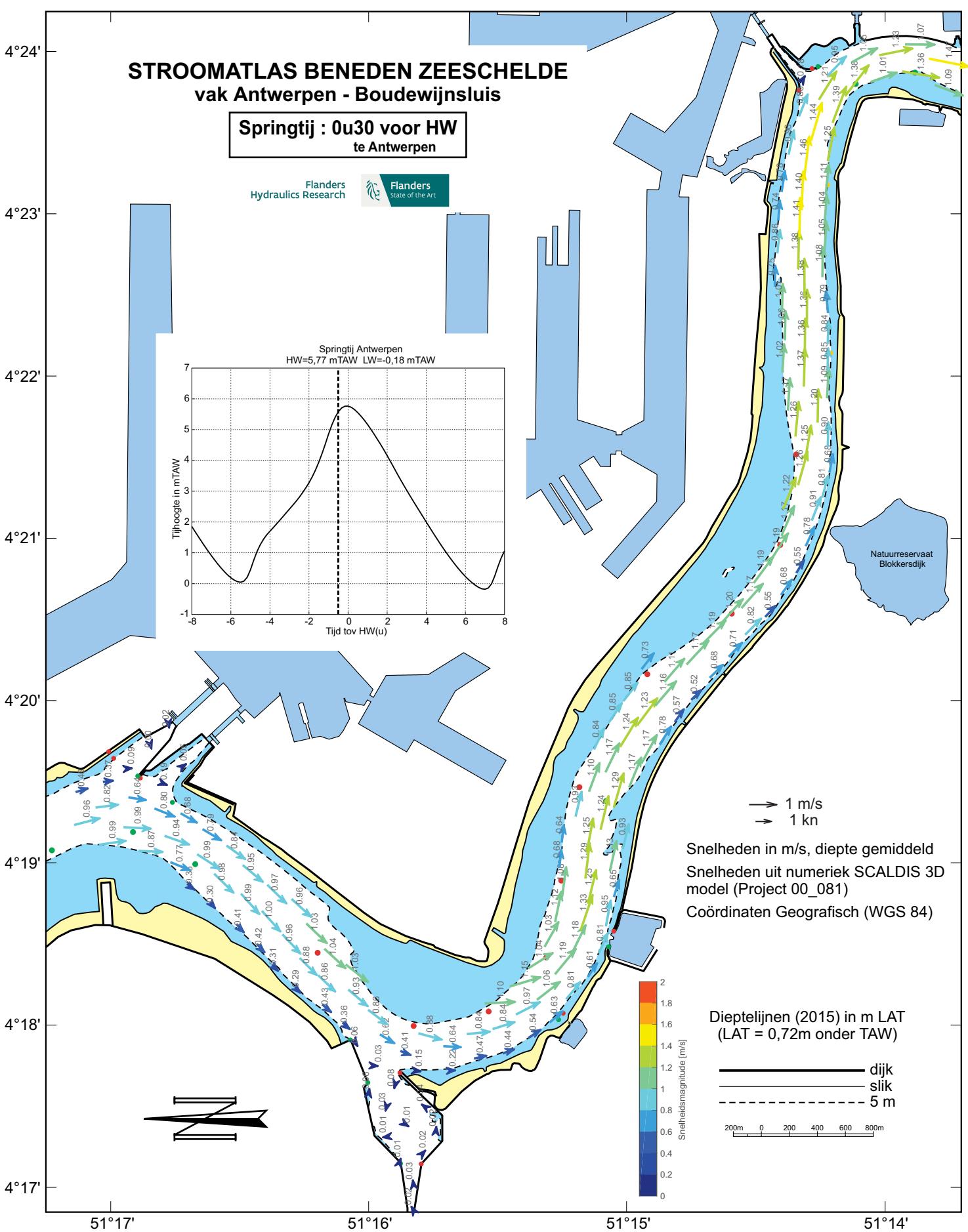
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dijk  
slik  
5 m

200m 0 200 400 600 800m



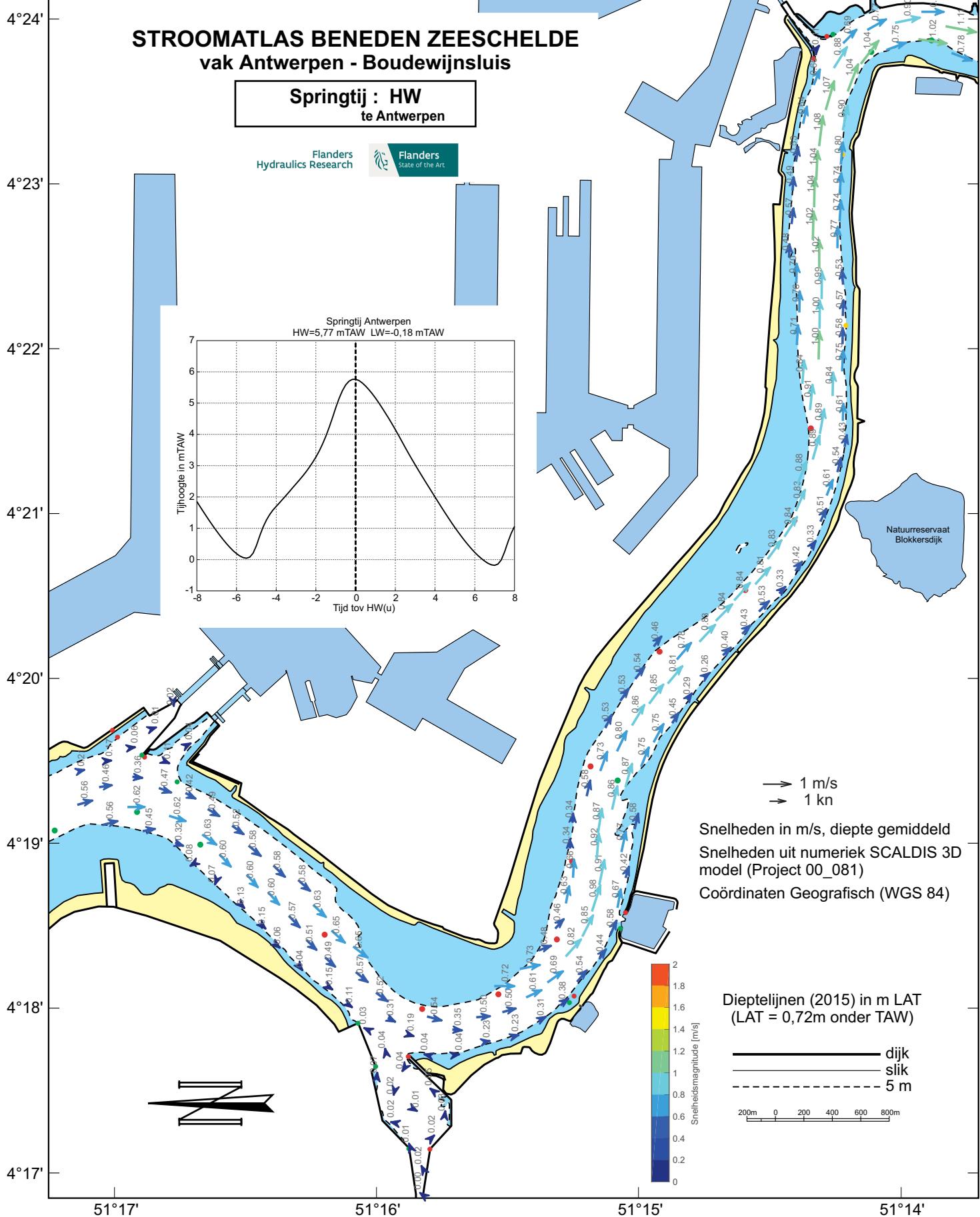
# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Springtij : HW  
te Antwerpen

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# STROOMATLAS BENEDEN ZEESCHELDE

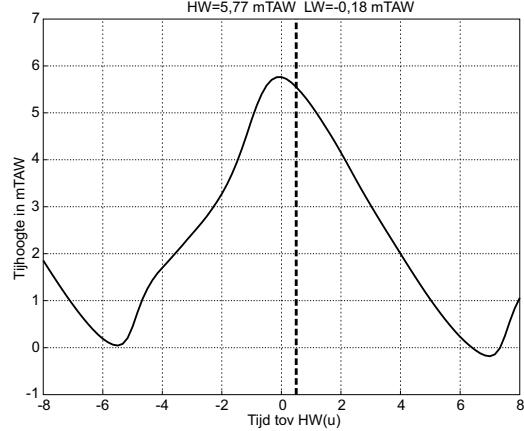
## vak Antwerpen - Boudewijnsluis

Springtij : 0u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research



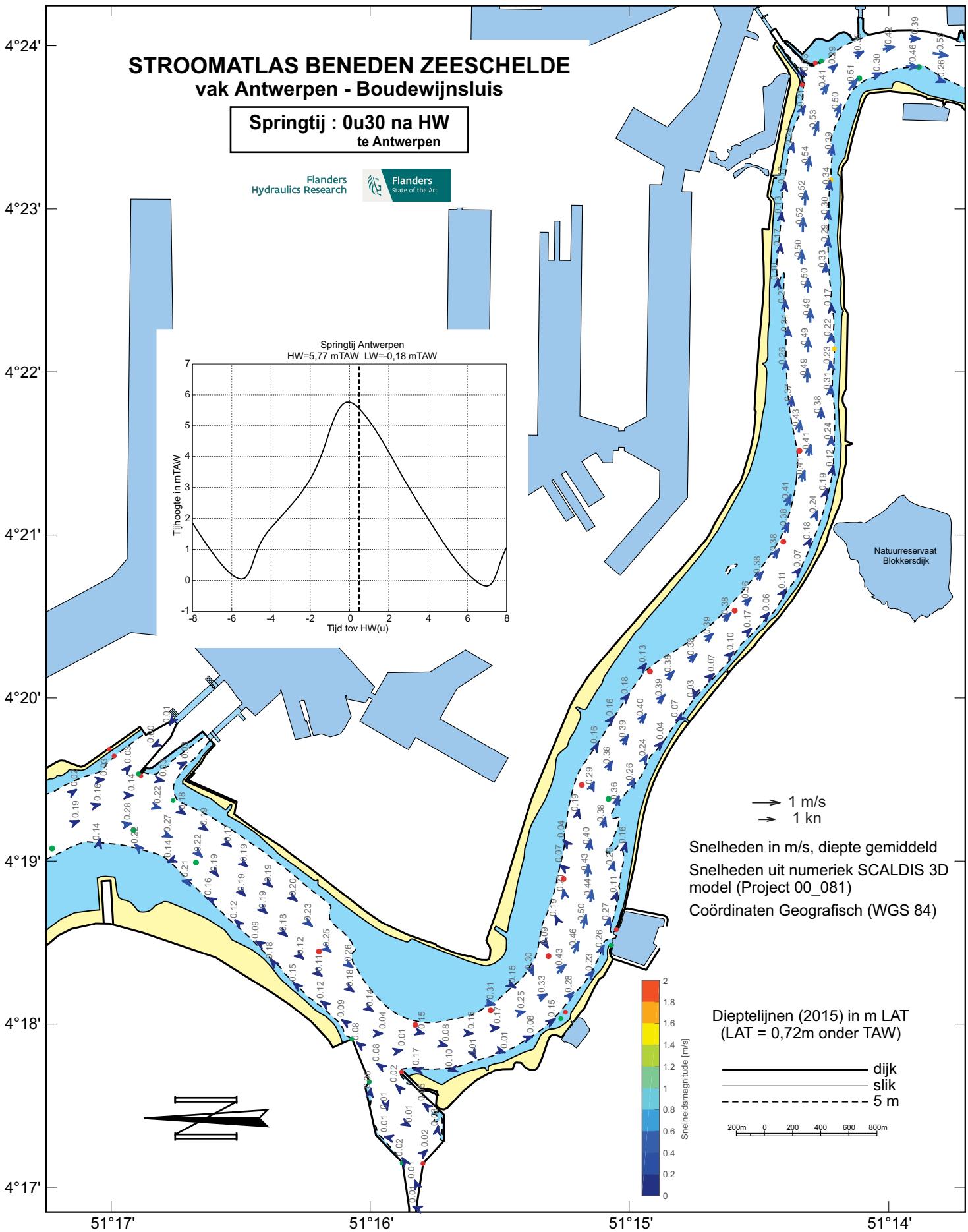
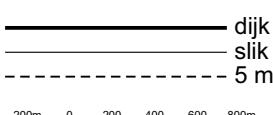
Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
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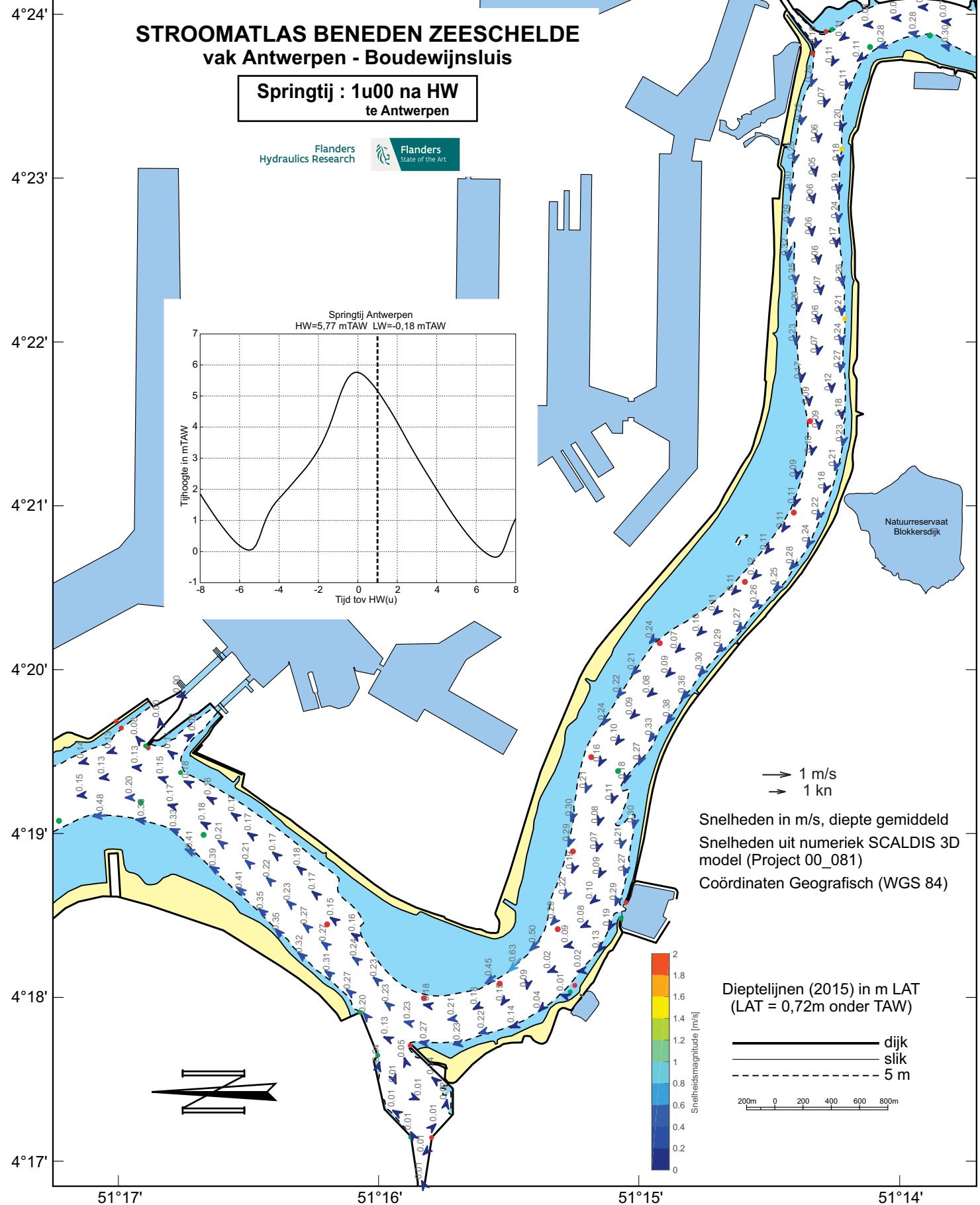
# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Springtij : 1u00 na HW  
te Antwerpen

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# STROOMATLAS BENEDEN ZEESCHELDE

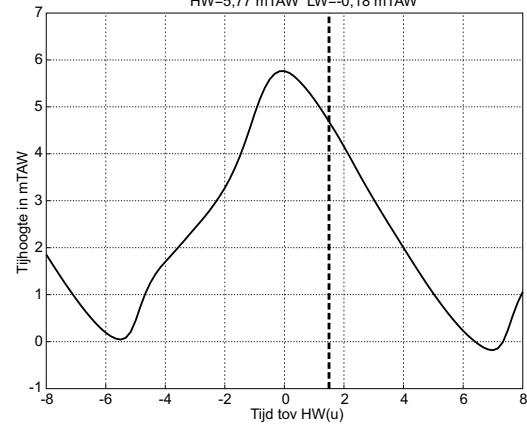
## vak Antwerpen - Boudewijnsluis

Springtij : 1u30 na HW  
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Flanders  
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Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



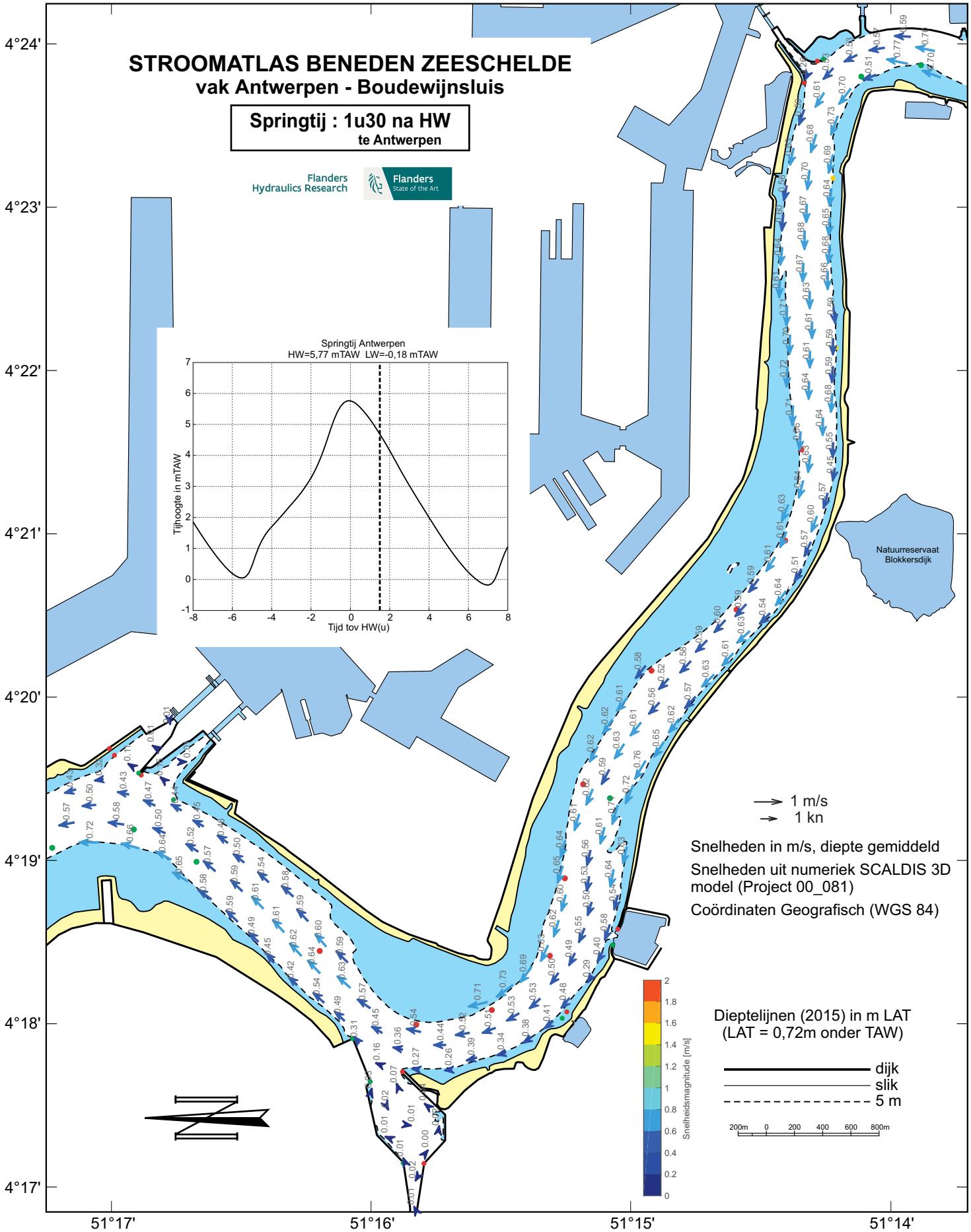
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dijk  
slik  
5 m

200m 0 200 400 600 800m



# STROOMATLAS BENEDEN ZEESCHELDE

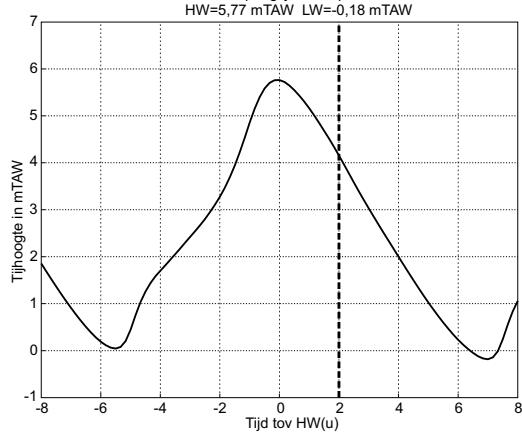
## vak Antwerpen - Boudewijnsluis

Springtij : 2u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research



Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



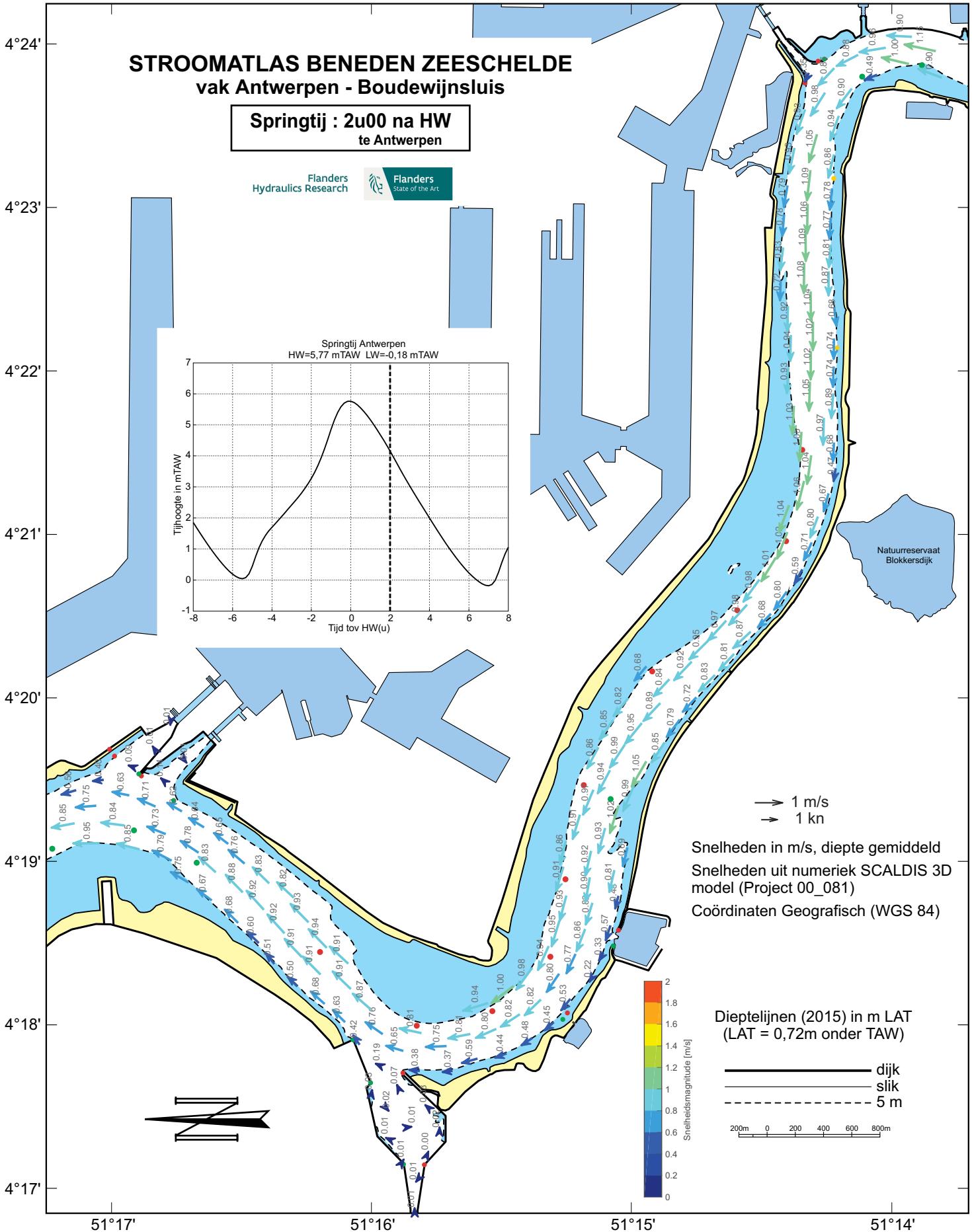
→ 1 m/s  
→ 1 kn

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Snelheden uit numeriek SCALDIS 3D  
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dijk  
slik  
5 m

200m 0 200 400 600 800m



# STROOMATLAS BENEDEN ZEESCHELDE

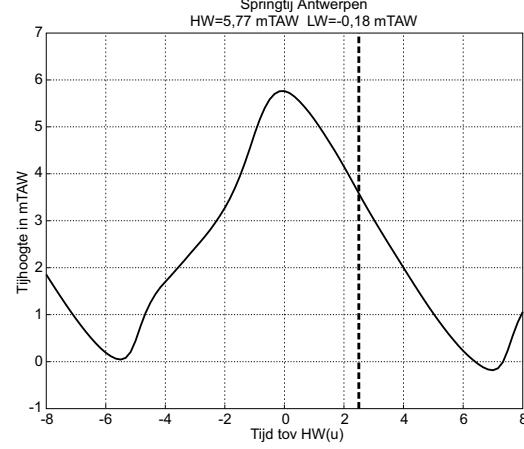
## vak Antwerpen - Boudewijnsluis

Springtij : 2u30 na HW  
te Antwerpen

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Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



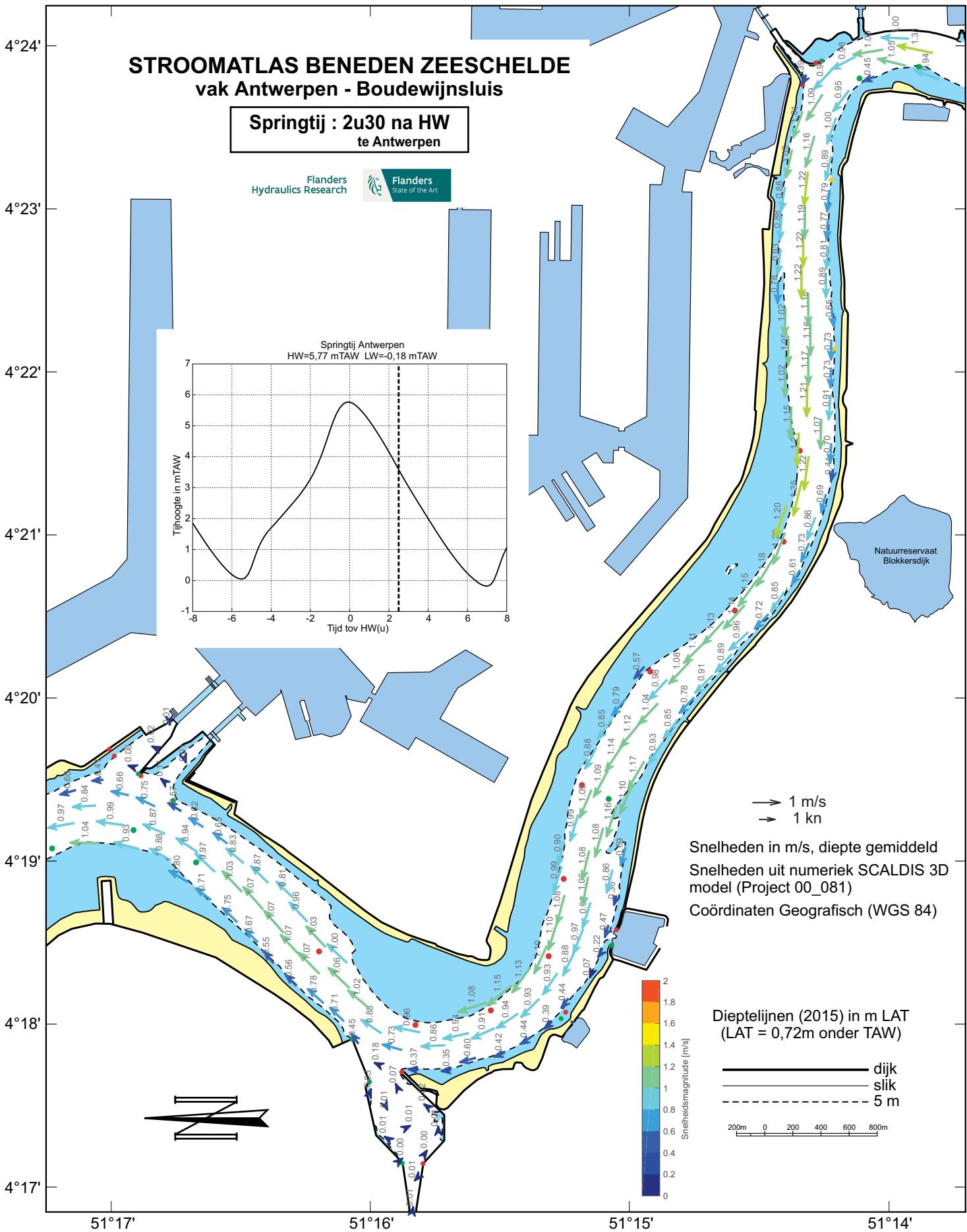
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
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Dieptelijnen (2015) in m LAT  
(LAT = 0,72m onder TAW)

dijk  
slik  
5 m

200m 0 200 400 600 800m



# STROOMATLAS BENEDEN ZEESCHELDE

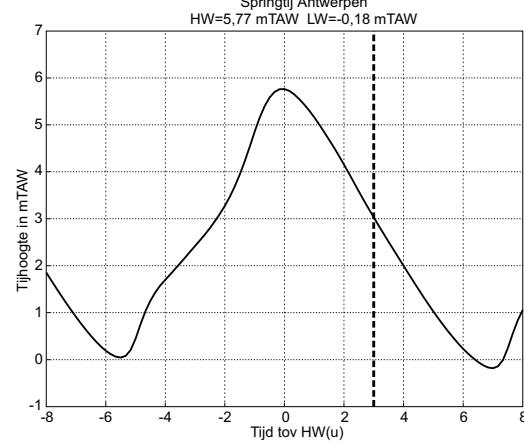
## vak Antwerpen - Boudewijnsluis

Springtij : 3u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research



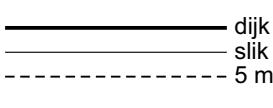
Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



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→ 1 kn

Snelheden in m/s, diepte gemiddeld  
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Dieptelijnen (2015) in m LAT  
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— dijk  
— slik  
- - - 5 m

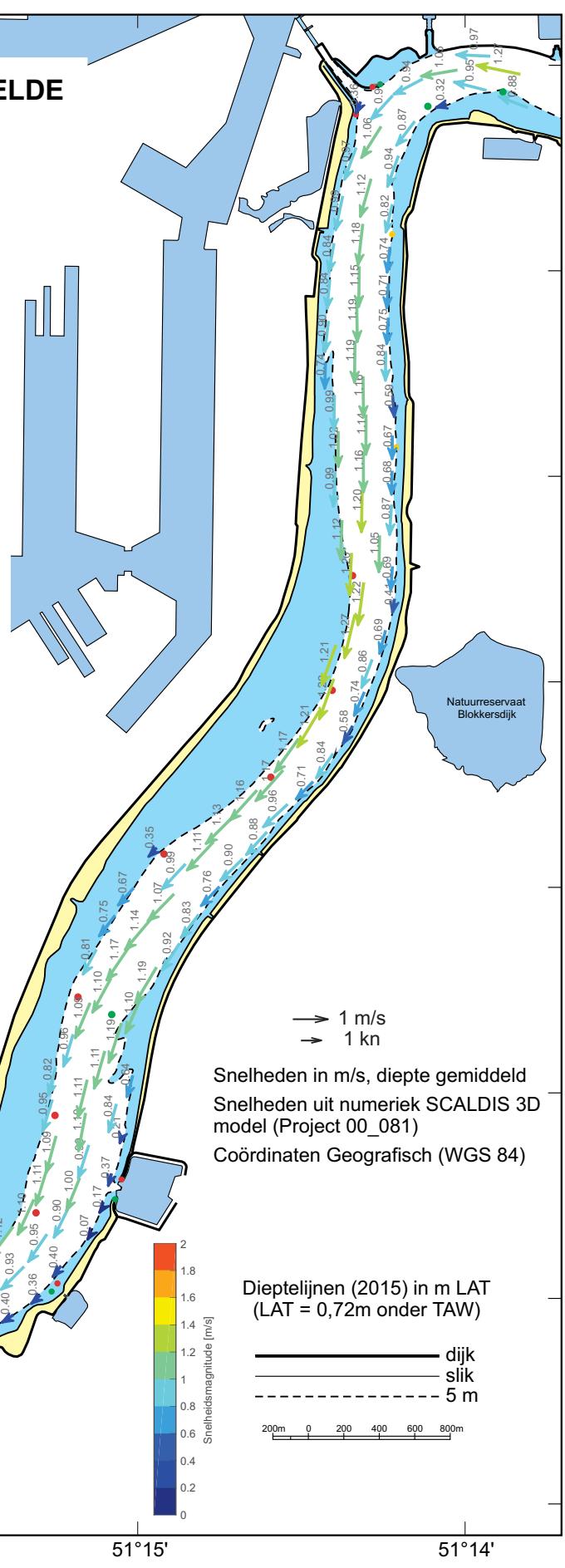
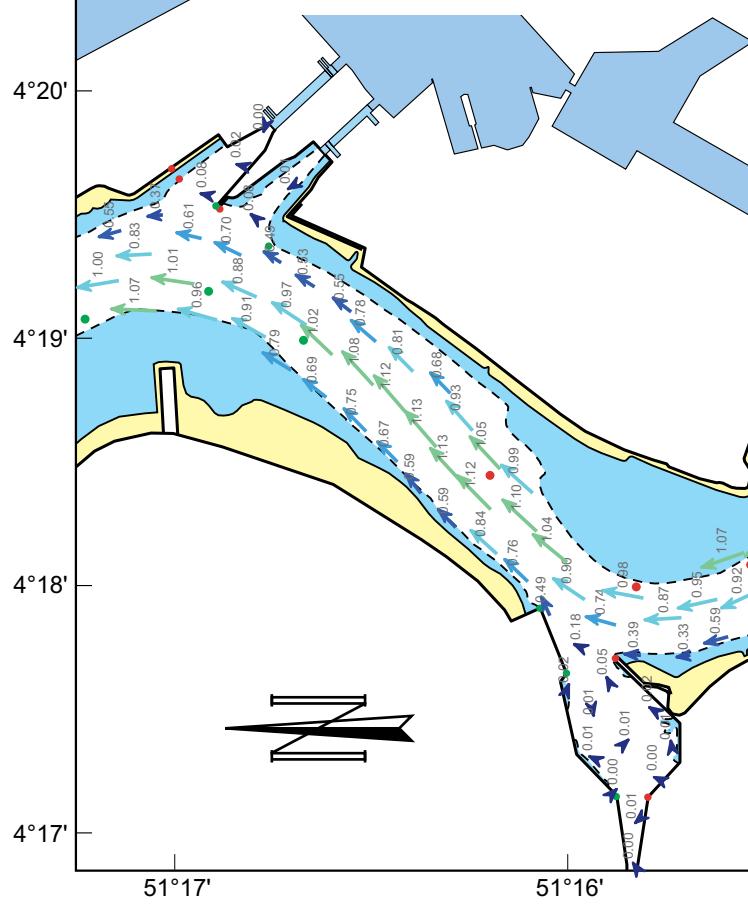
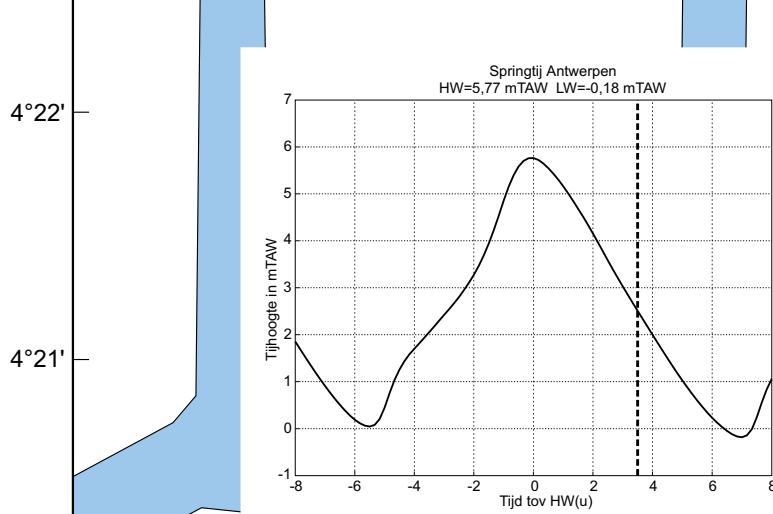
200m 0 200 400 600 800m

# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Springtij : 3u30 na HW  
te Antwerpen

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# STROOMATLAS BENEDEN ZEESCHELDE

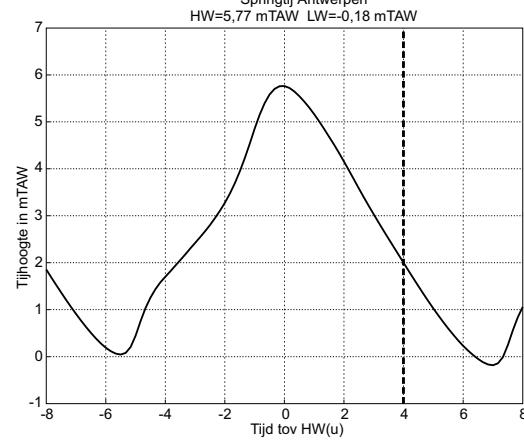
## vak Antwerpen - Boudewijnsluis

Springtij : 4u00 na HW  
te Antwerpen

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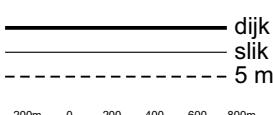
Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



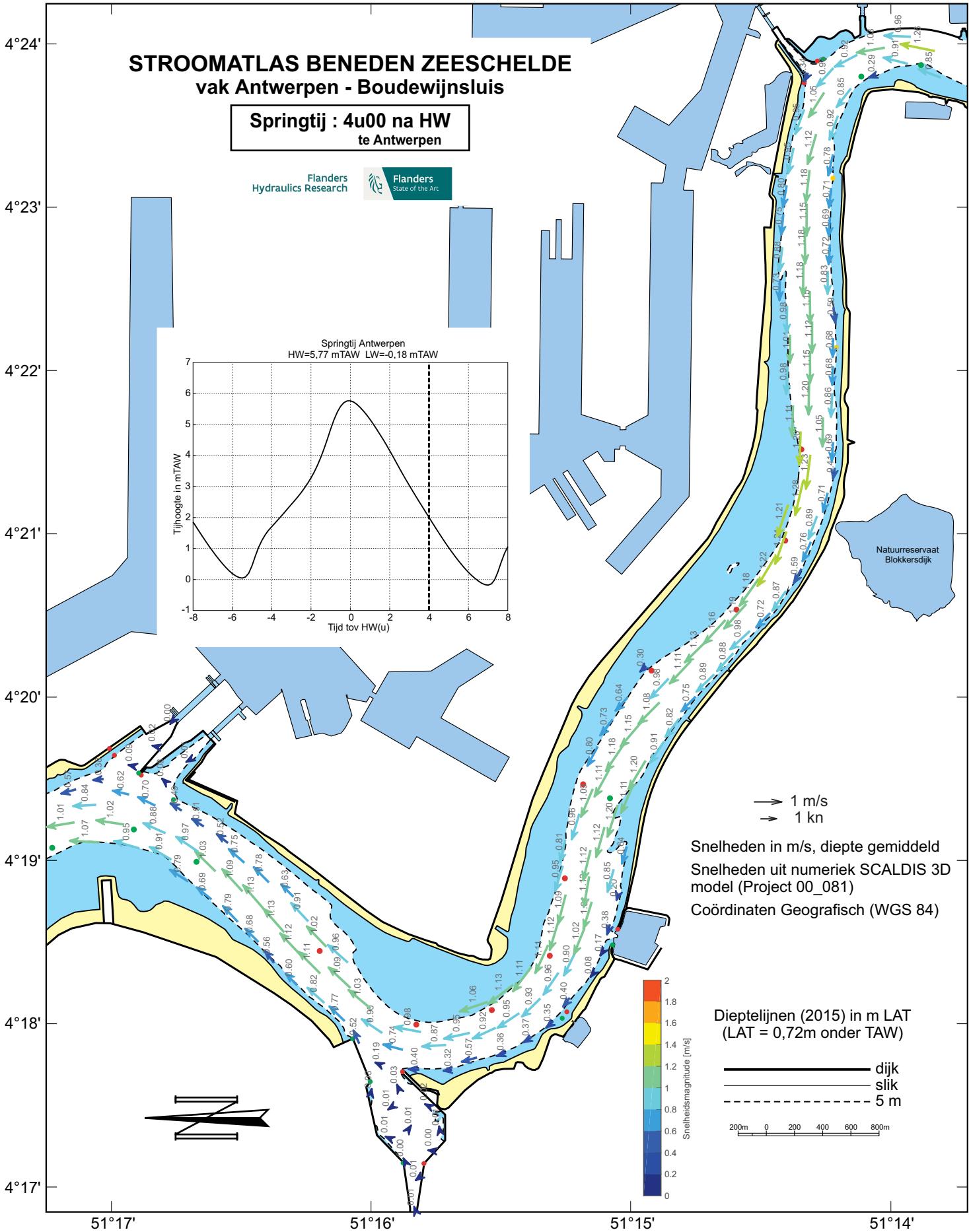
→ 1 m/s  
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Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
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Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,72m onder TAW)



Snelheidsmagnitude [m/s]



# STROOMATLAS BENEDEN ZEESCHELDE

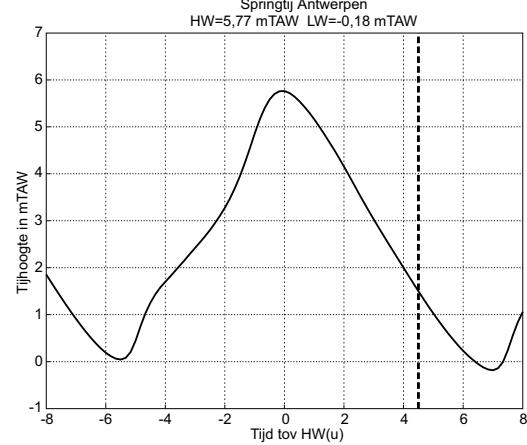
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Springtij : 4u30 na HW  
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Springtij Antwerpen  
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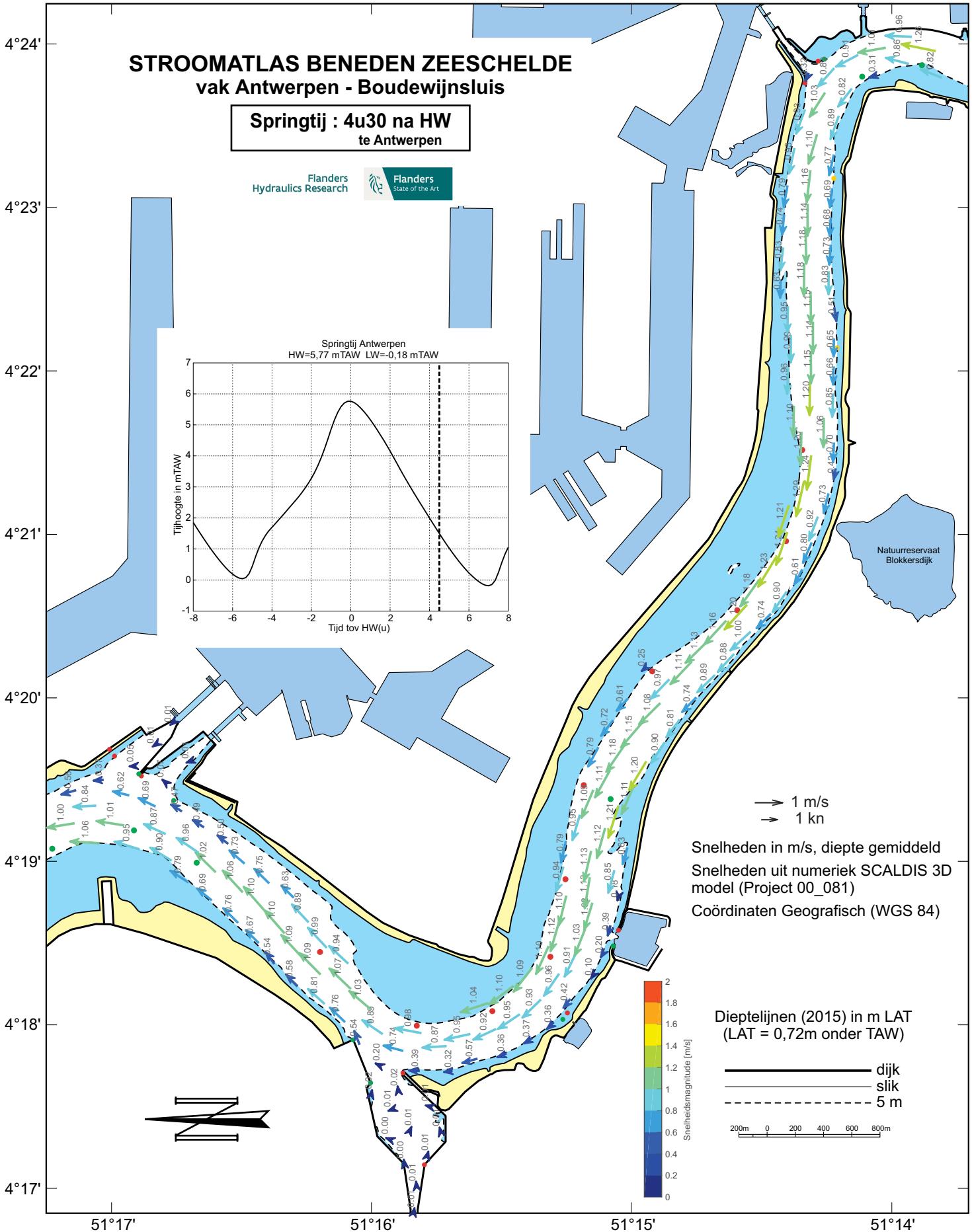
→ 1 m/s  
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Snelheden in m/s, diepte gemiddeld  
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Dieptelijnen (2015) in m LAT  
(LAT = 0,72m onder TAW)

dijk  
slik  
5 m

200m 0 200 400 600 800m



# STROOMATLAS BENEDEN ZEESCHELDE

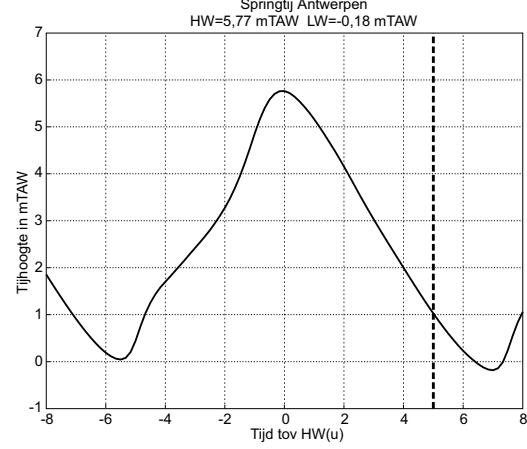
## vak Antwerpen - Boudewijnsluis

Springtij : 5u00 na HW  
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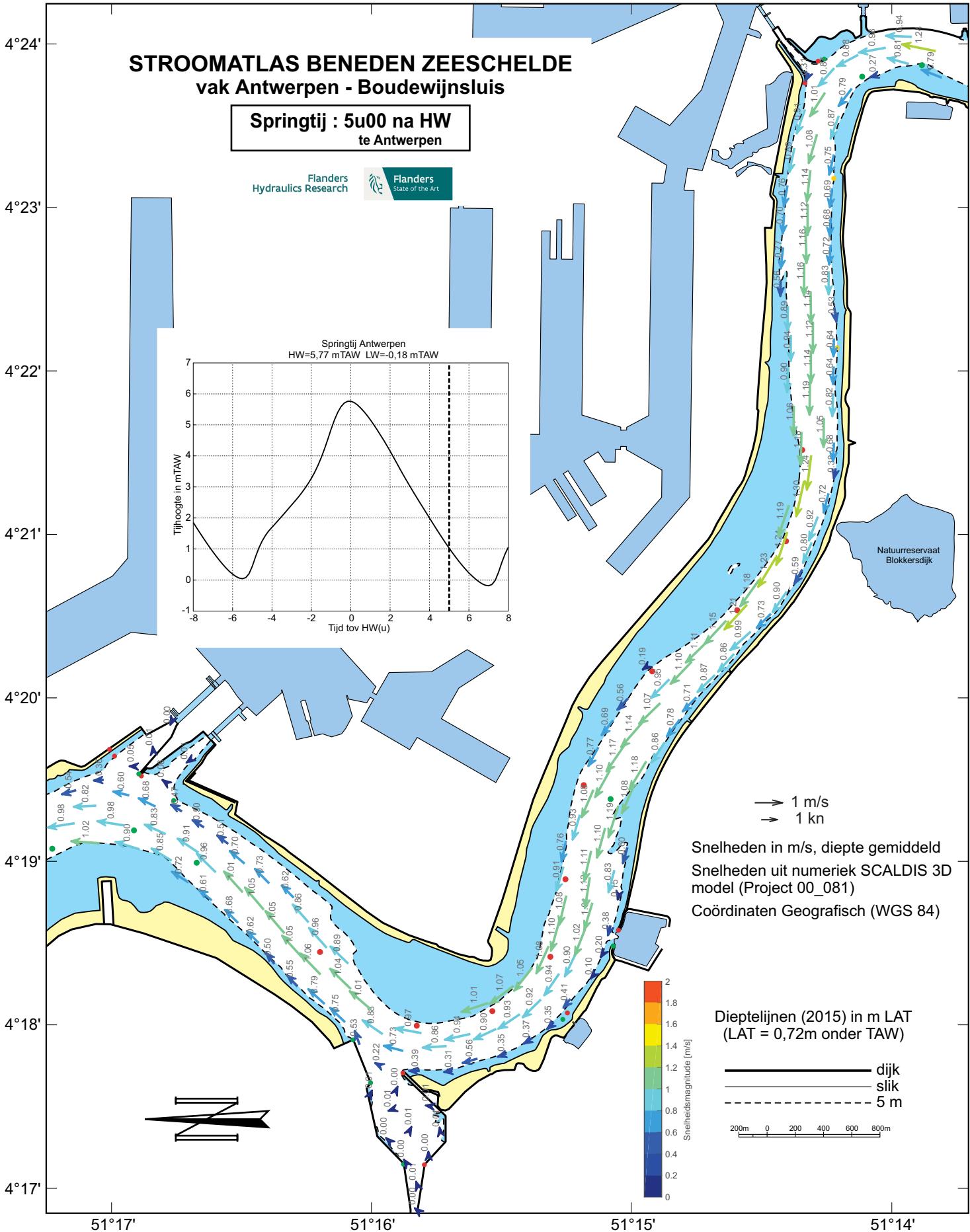
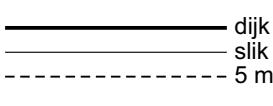
Springtij Antwerpen  
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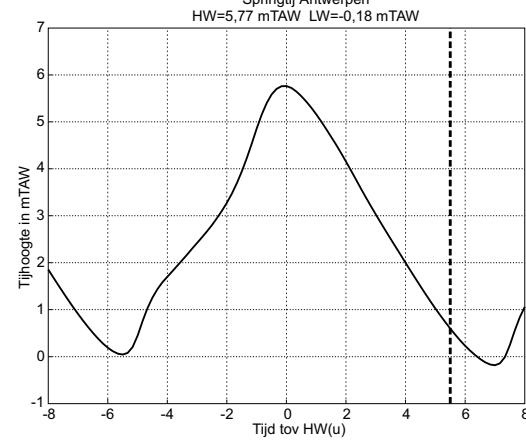
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Springtij : 5u30 na HW  
te Antwerpen

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Springtij Antwerpen  
HW=5,77 mTAW LW=-0,18 mTAW



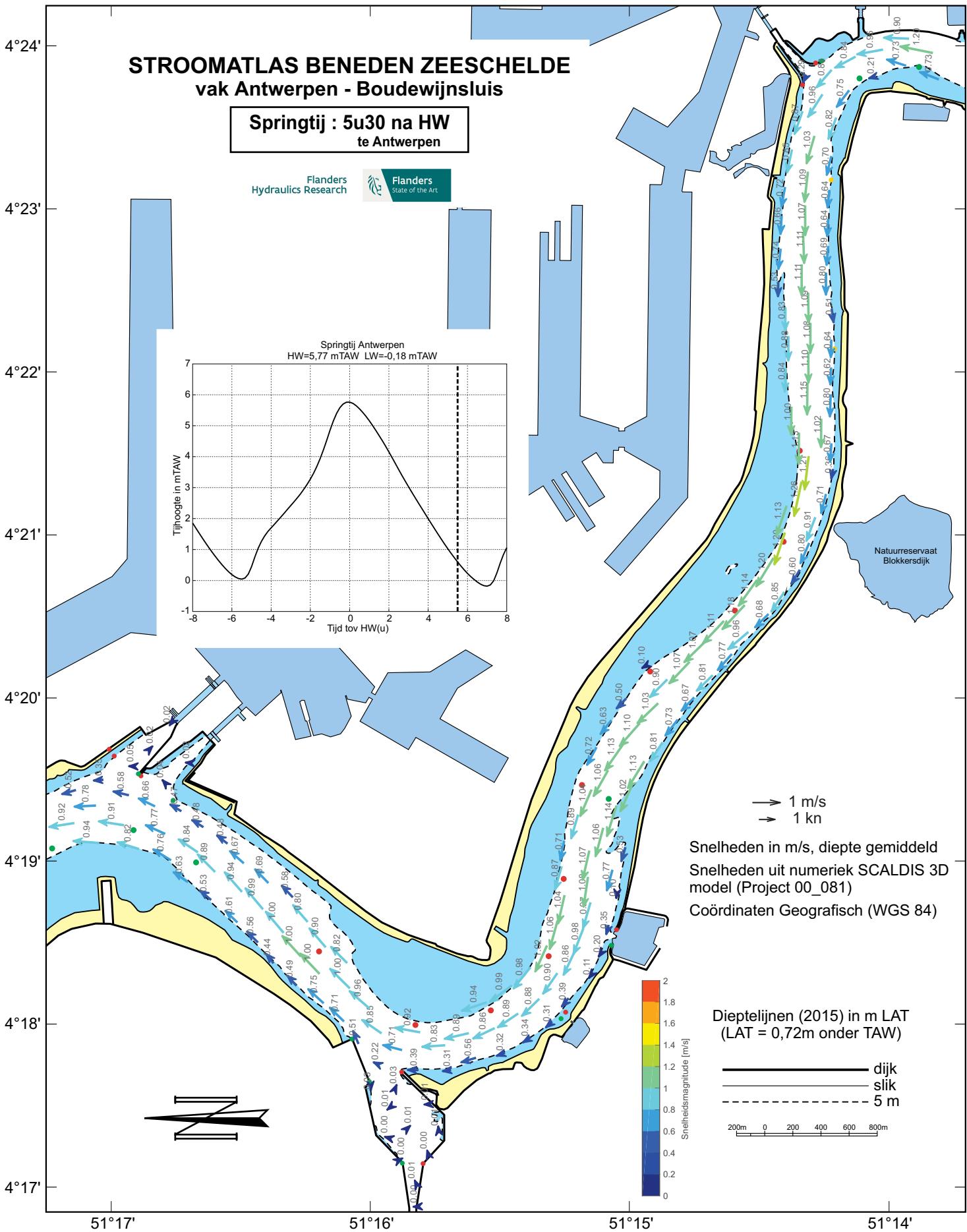
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dijk  
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5 m

200m 0 200 400 600 800m



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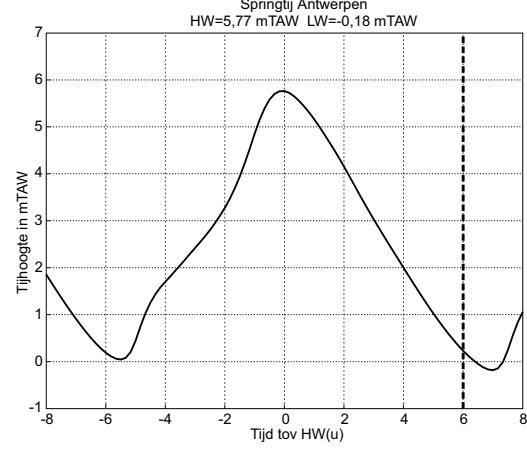
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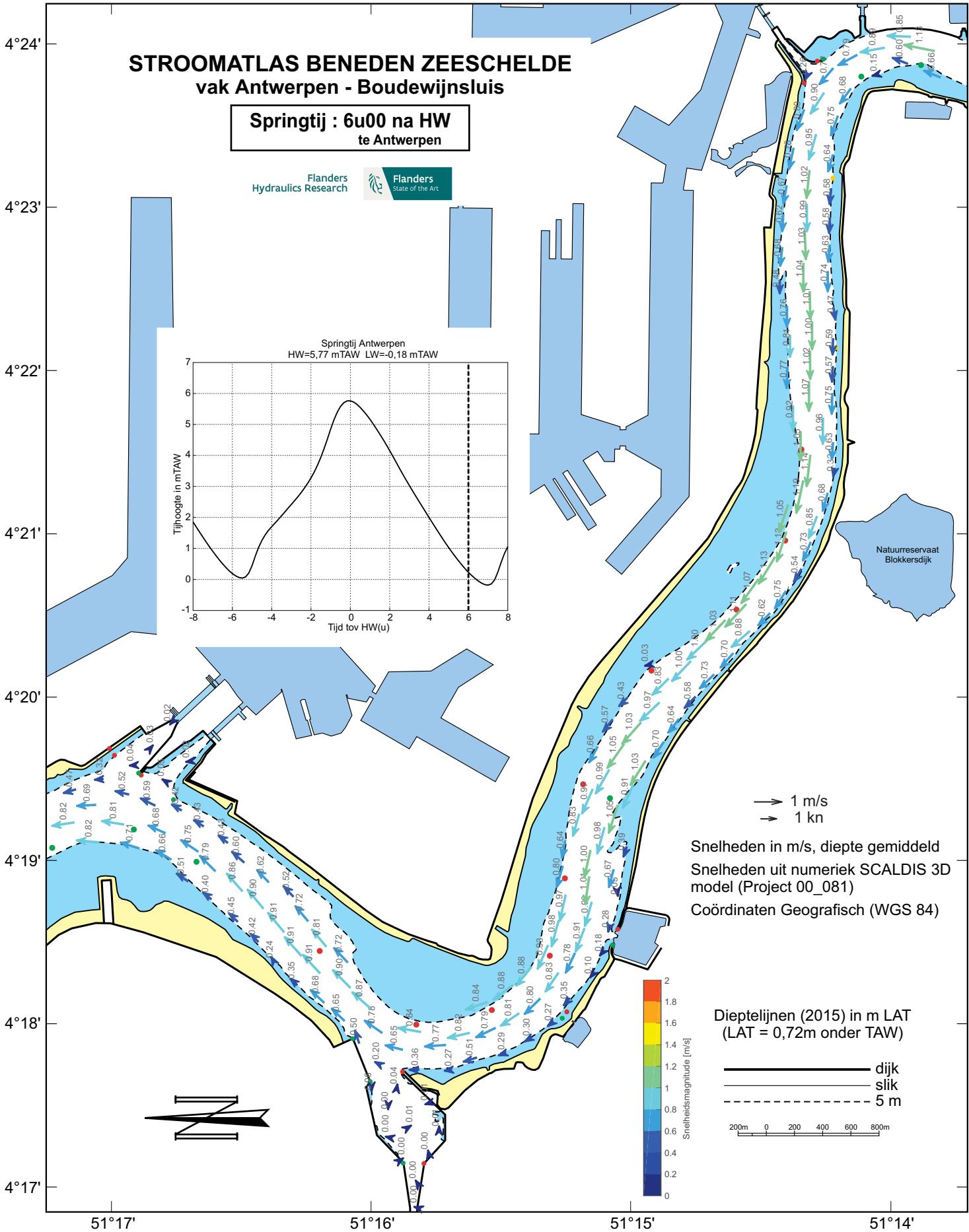
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dijk  
slik  
5 m

200m 0 200 400 600 800m



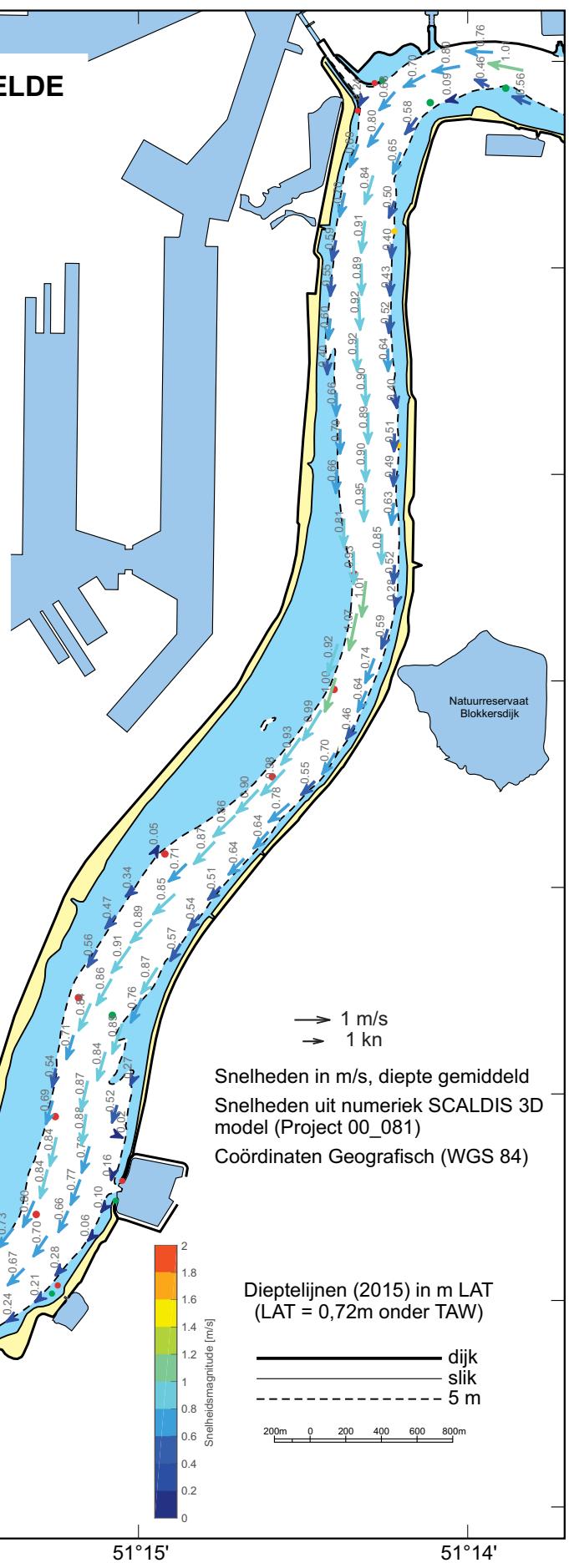
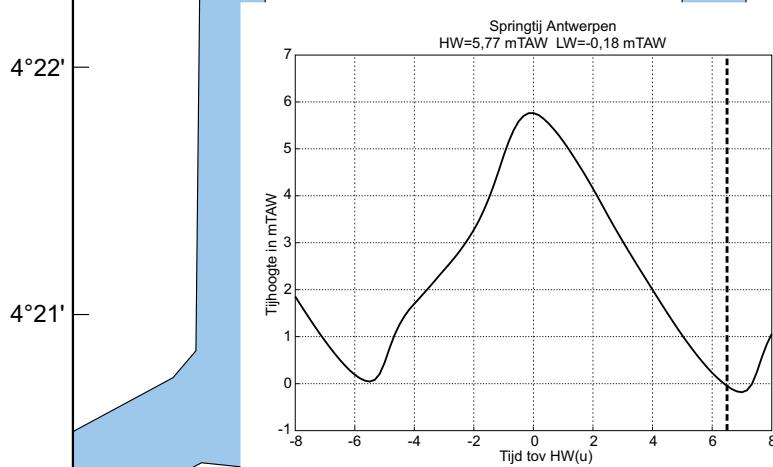
# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Springtij : 6u30 na HW  
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# **STROOMATLAS BENEDEN ZEESCHELDE**

vak Boudewijnsluis - Antwerpen

**GEMIDDELD GETIJ**

*Vlaamse overheid  
Departement Mobiliteit en Openbare Werken  
Waterbouwkundig Laboratorium*

# STROOMATLAS BENEDEN ZEESCHELDE

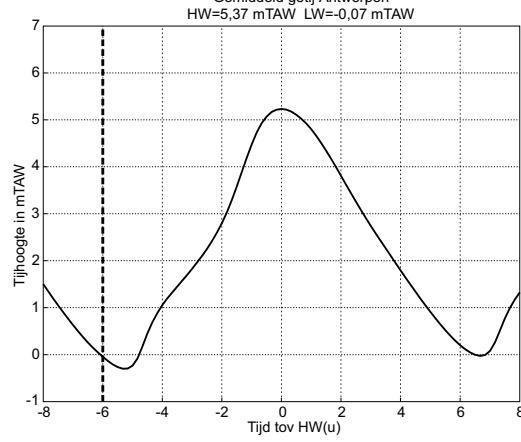
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 6u00 voor HW  
te Antwerpen

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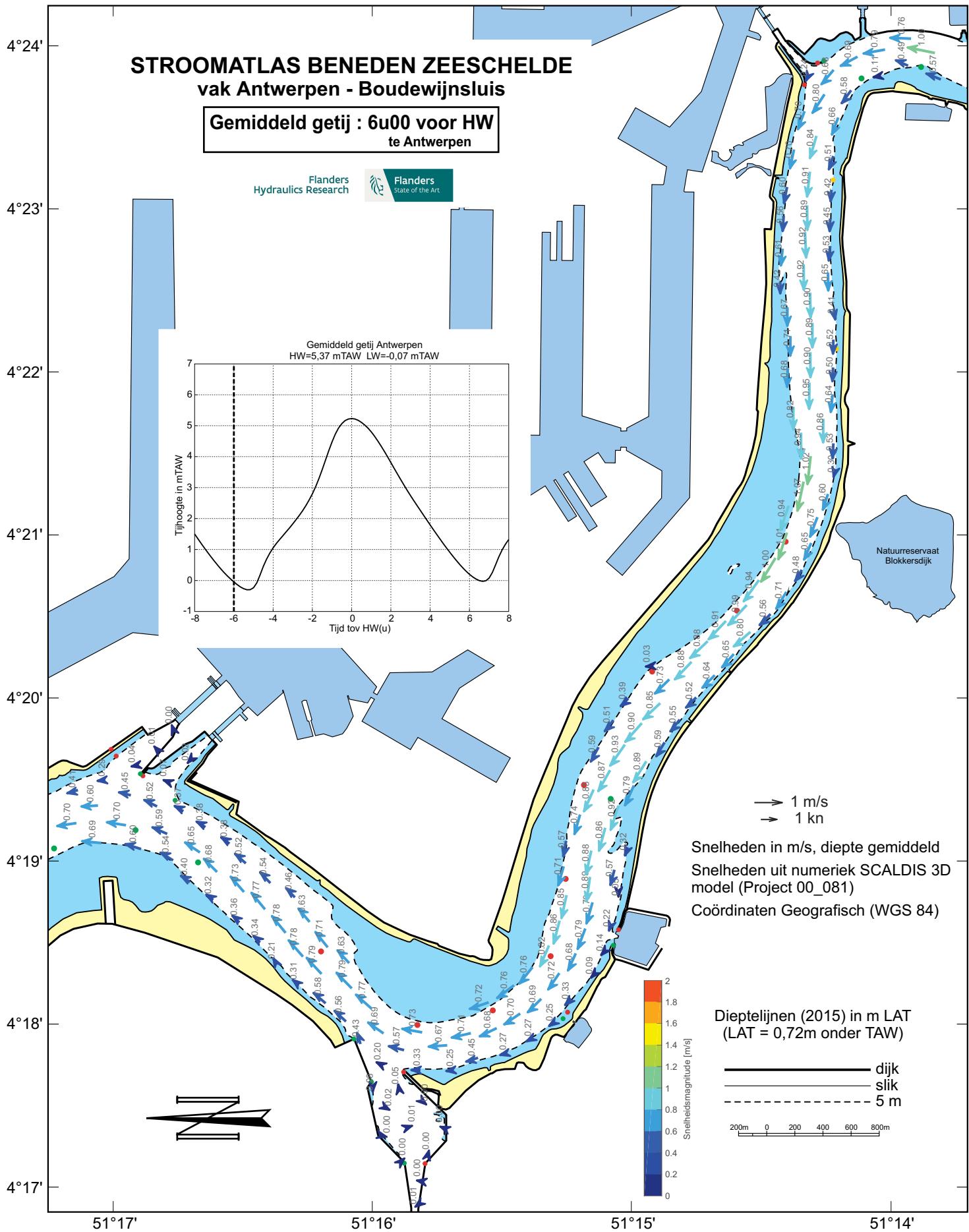
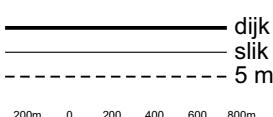
Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,72m onder TAW)



# STROOMATLAS BENEDEN ZEESCHELDE

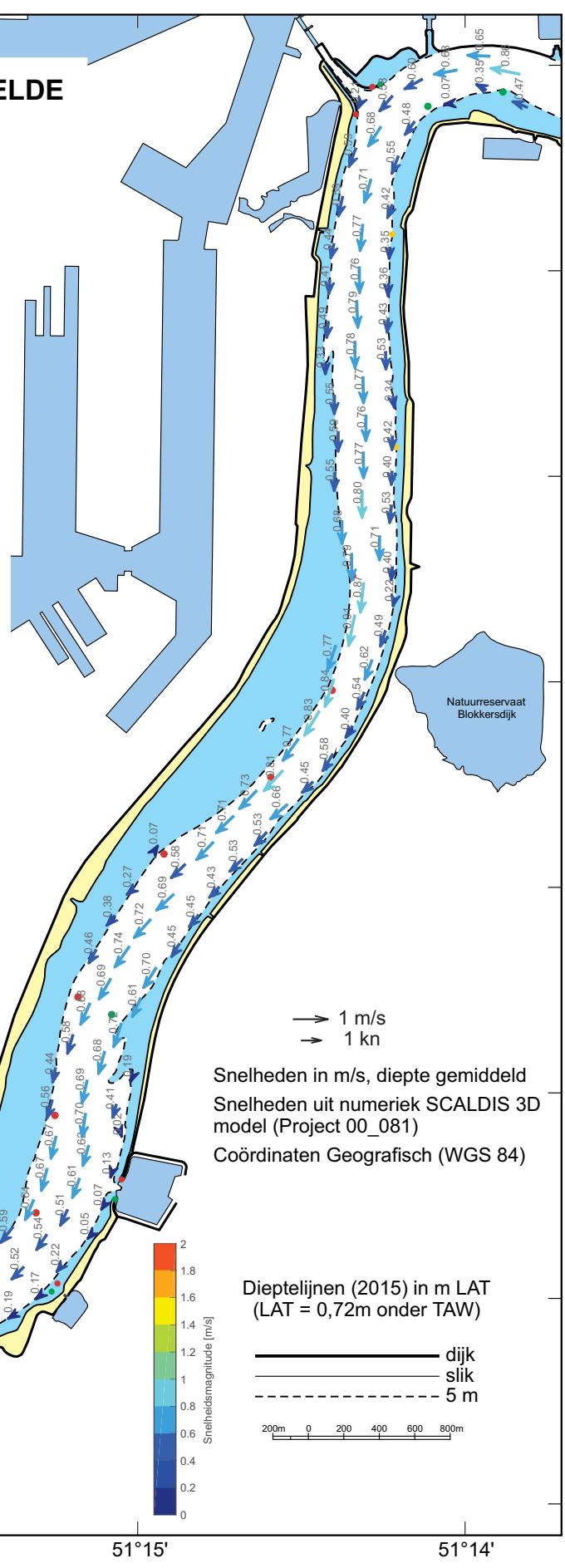
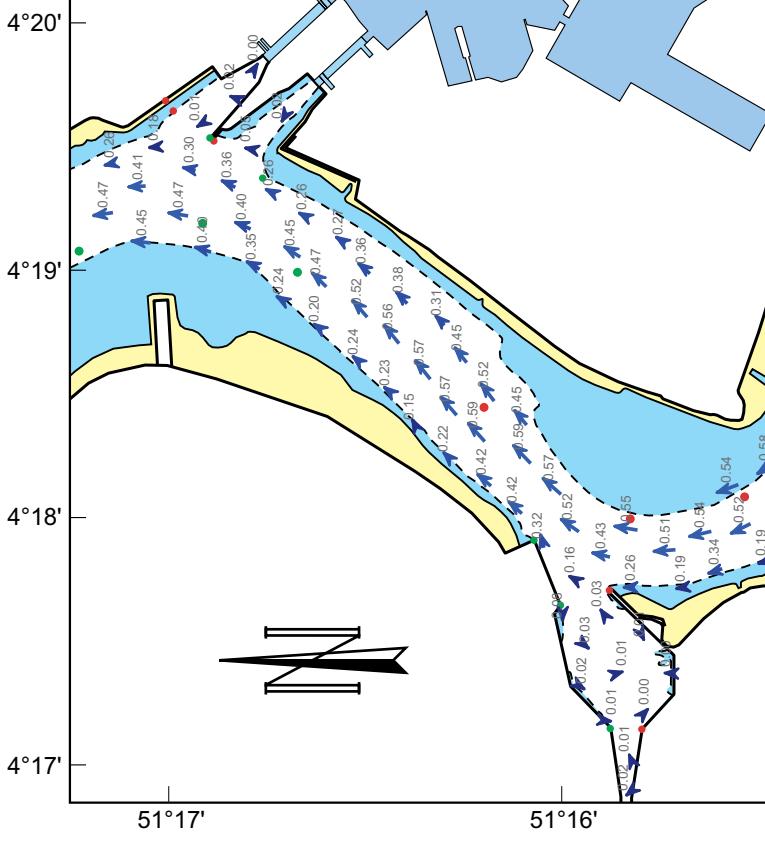
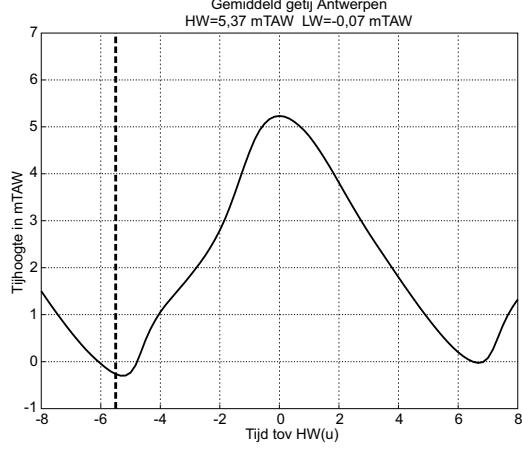
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 5u30 voor HW  
te Antwerpen

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Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



# STROOMATLAS BENEDEN ZEESCHELDE

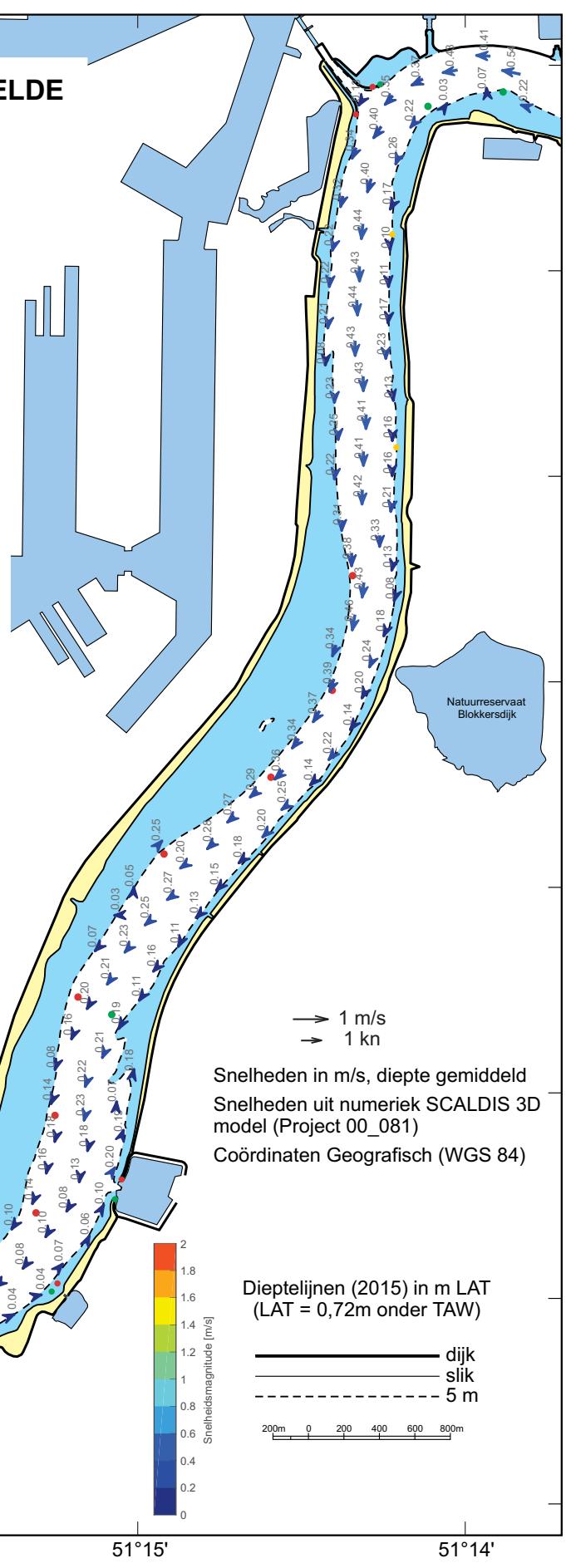
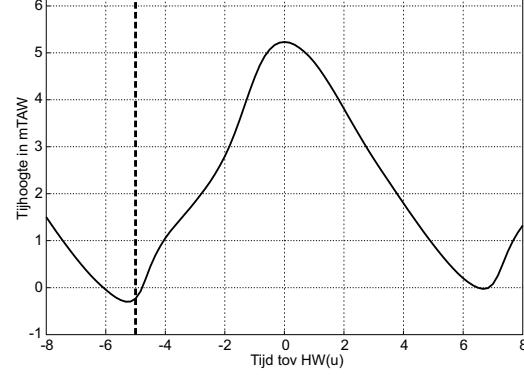
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 5u00 voor HW  
te Antwerpen

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Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



# STROOMATLAS BENEDEN ZEESCHELDE

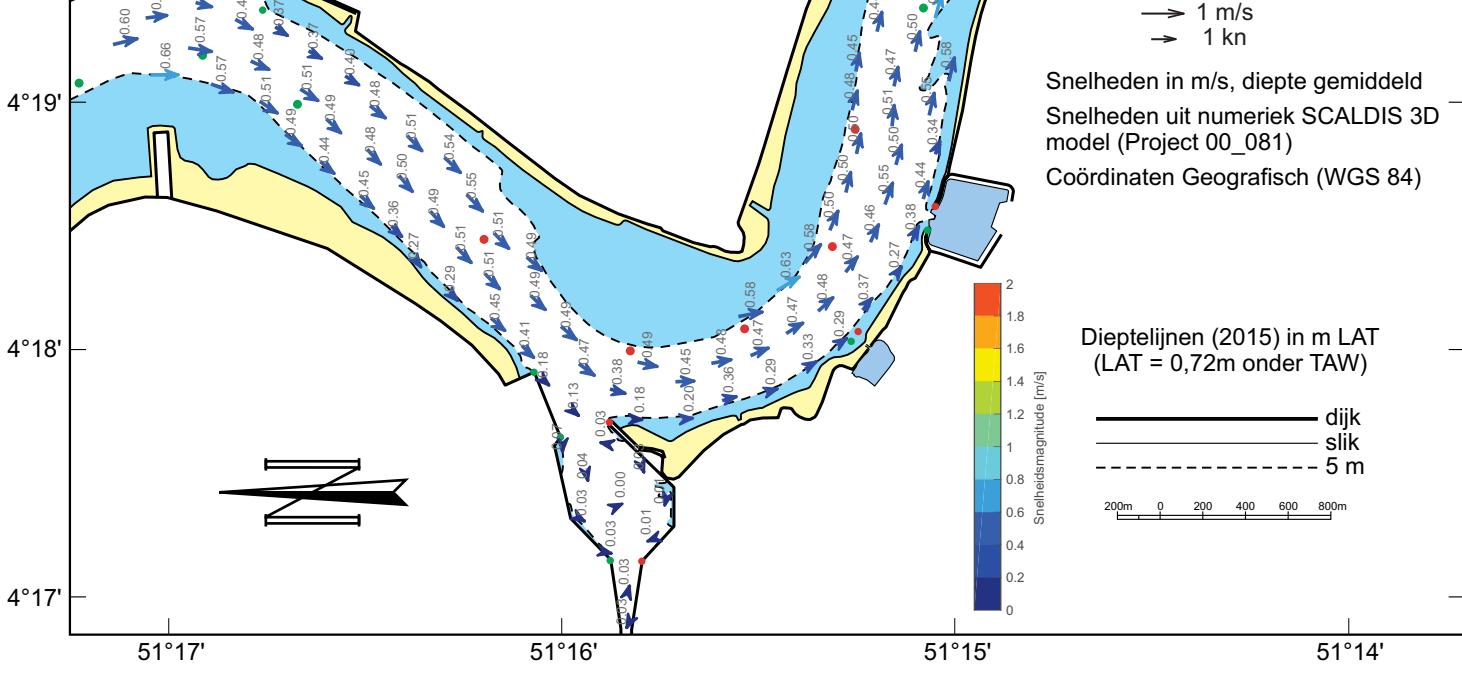
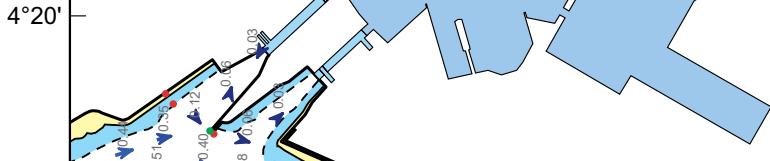
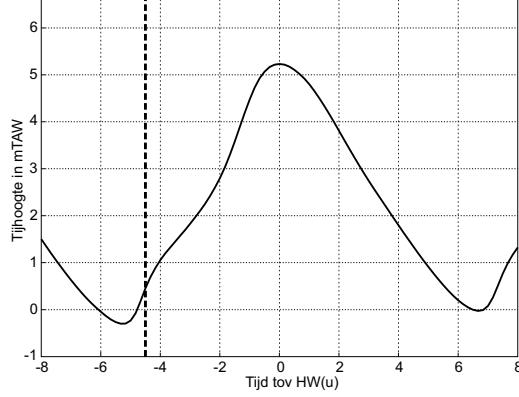
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 4u30 voor HW  
te Antwerpen

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Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



# STROOMATLAS BENEDEN ZEESCHELDE

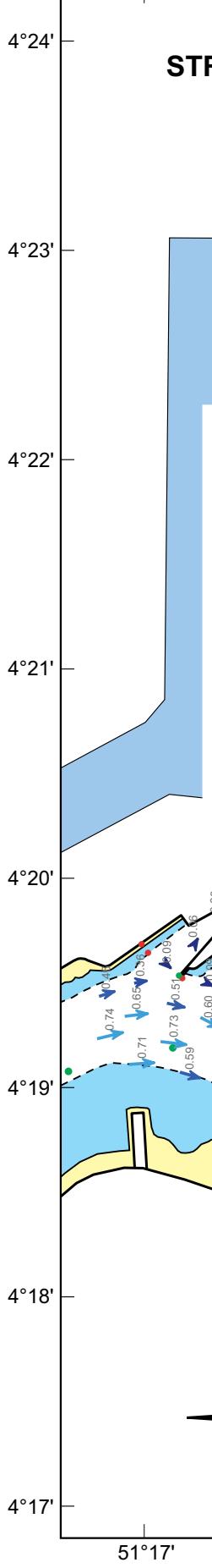
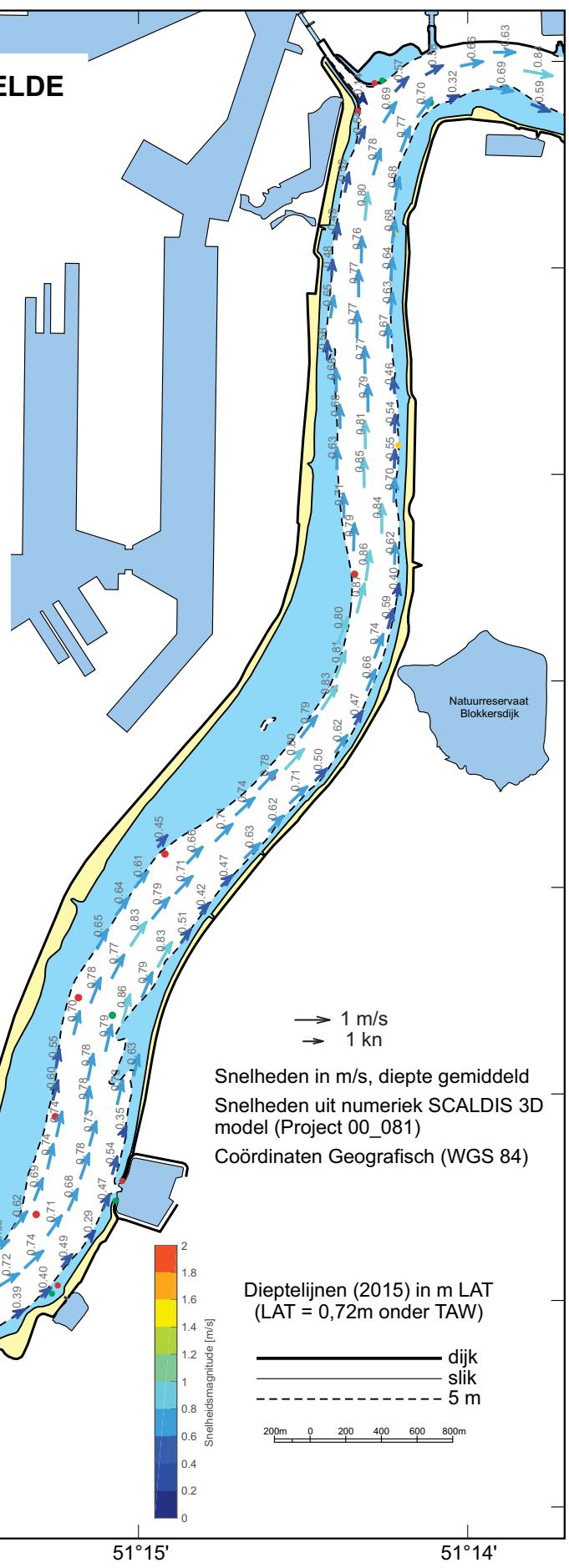
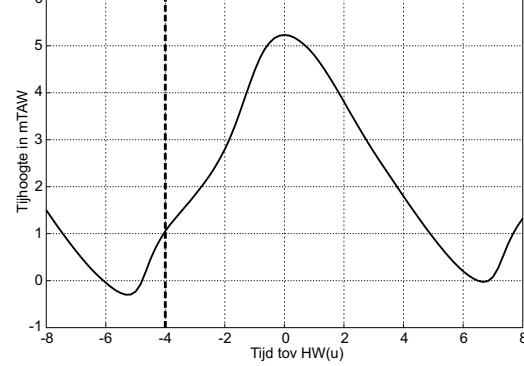
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Gemiddeld getij : 4u00 voor HW  
te Antwerpen

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Gemiddeld getij Antwerpen  
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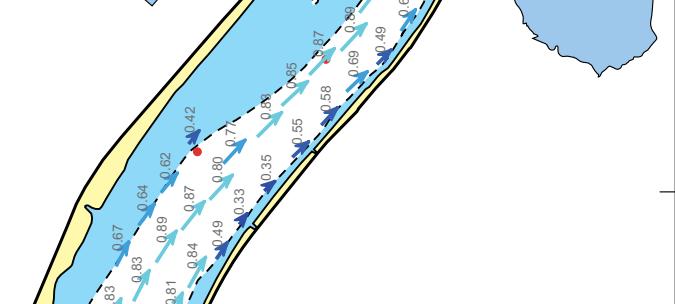
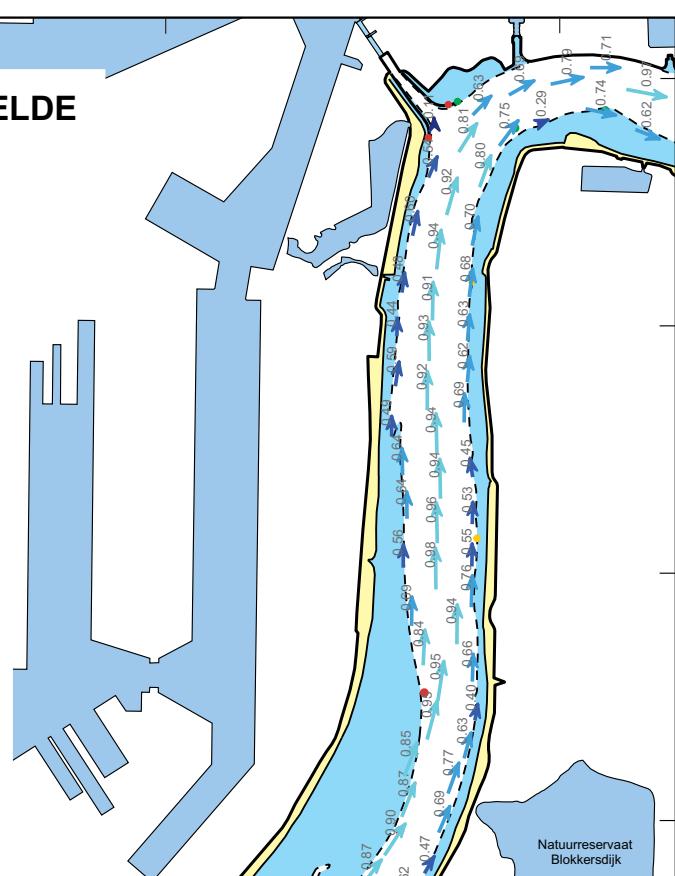
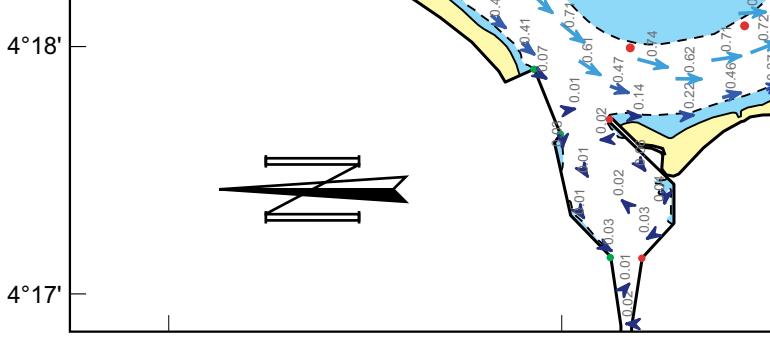
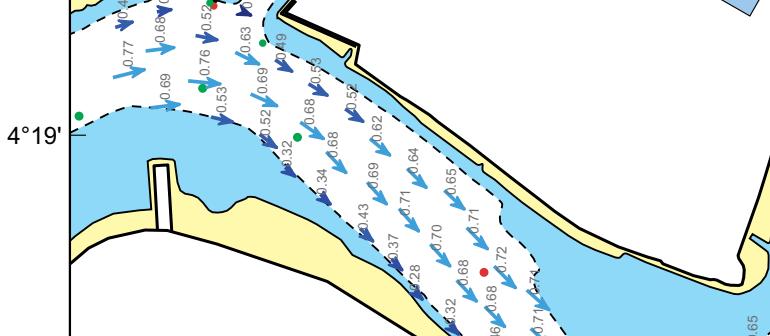
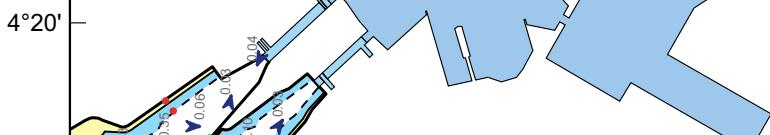
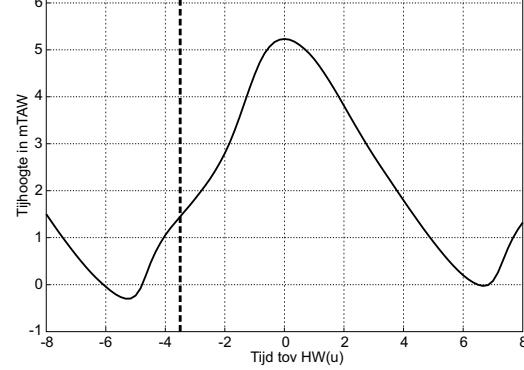
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 3u30 voor HW  
te Antwerpen

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Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,72m onder TAW)

dijk  
slik  
5 m

200m 0 200 400 600 800m

51°17' 51°16' 51°15' 51°14'

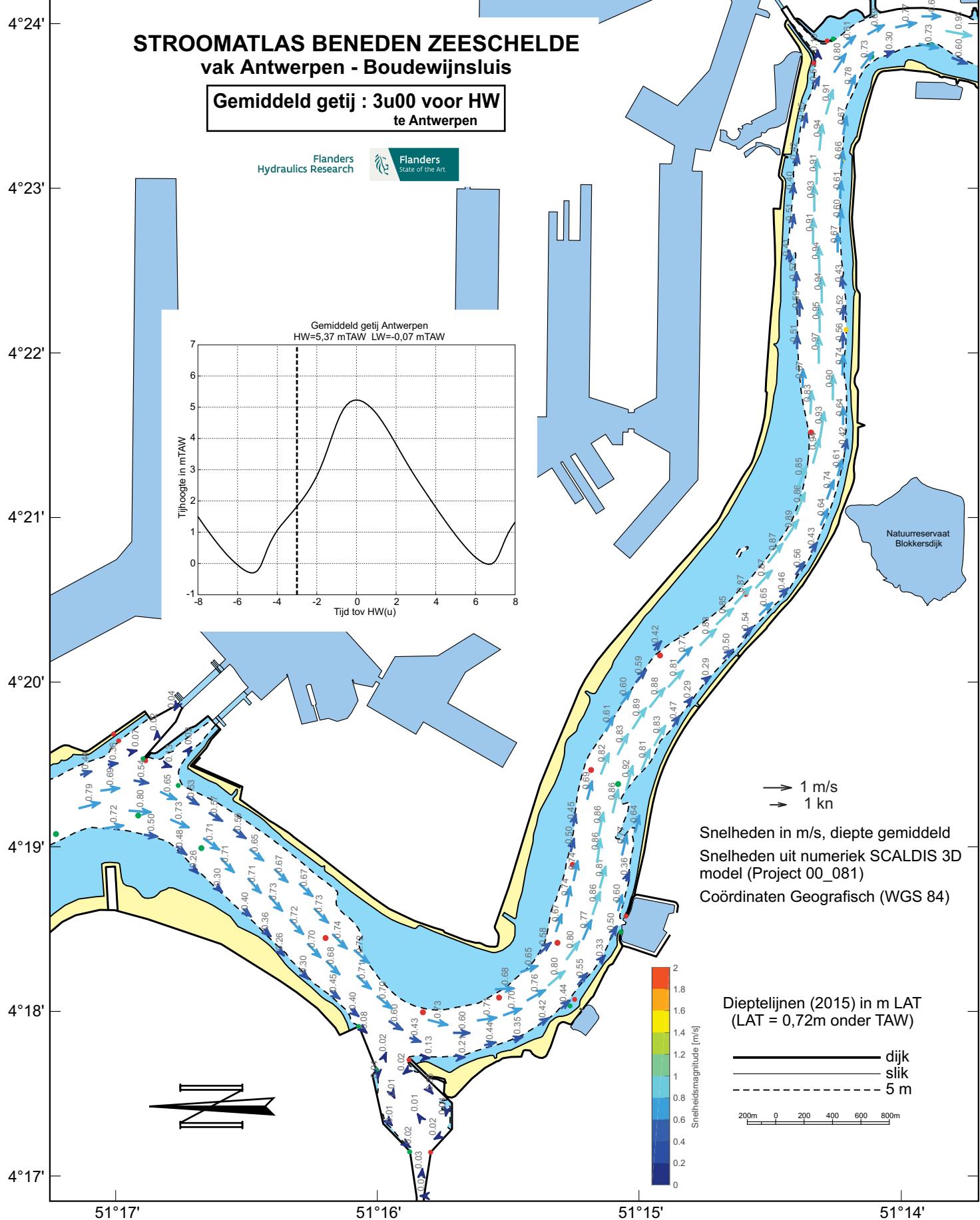
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## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 3u00 voor HW  
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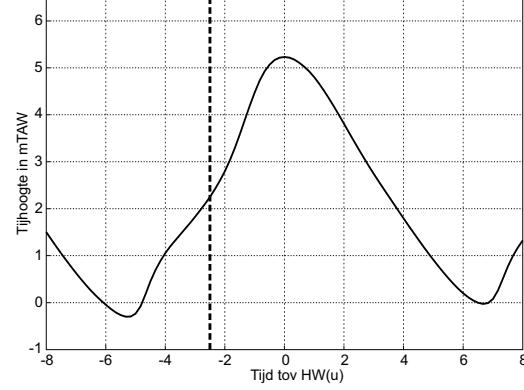
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 2u30 voor HW  
te Antwerpen

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Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



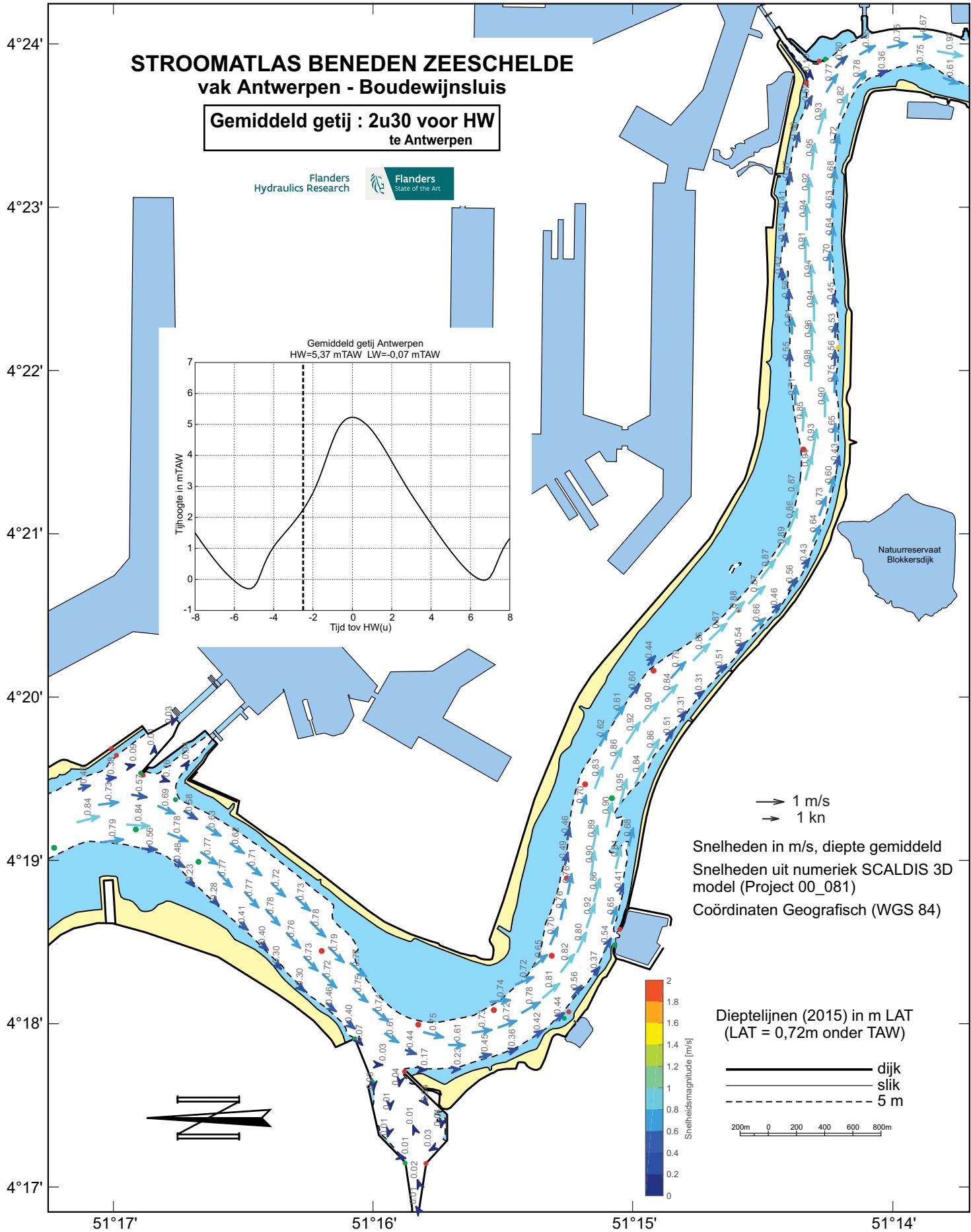
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5 m

200m 0 200 400 600 800m



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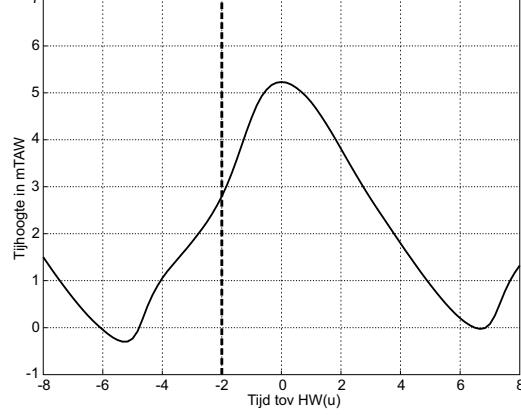
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Gemiddeld getij : 2u00 voor HW  
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Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



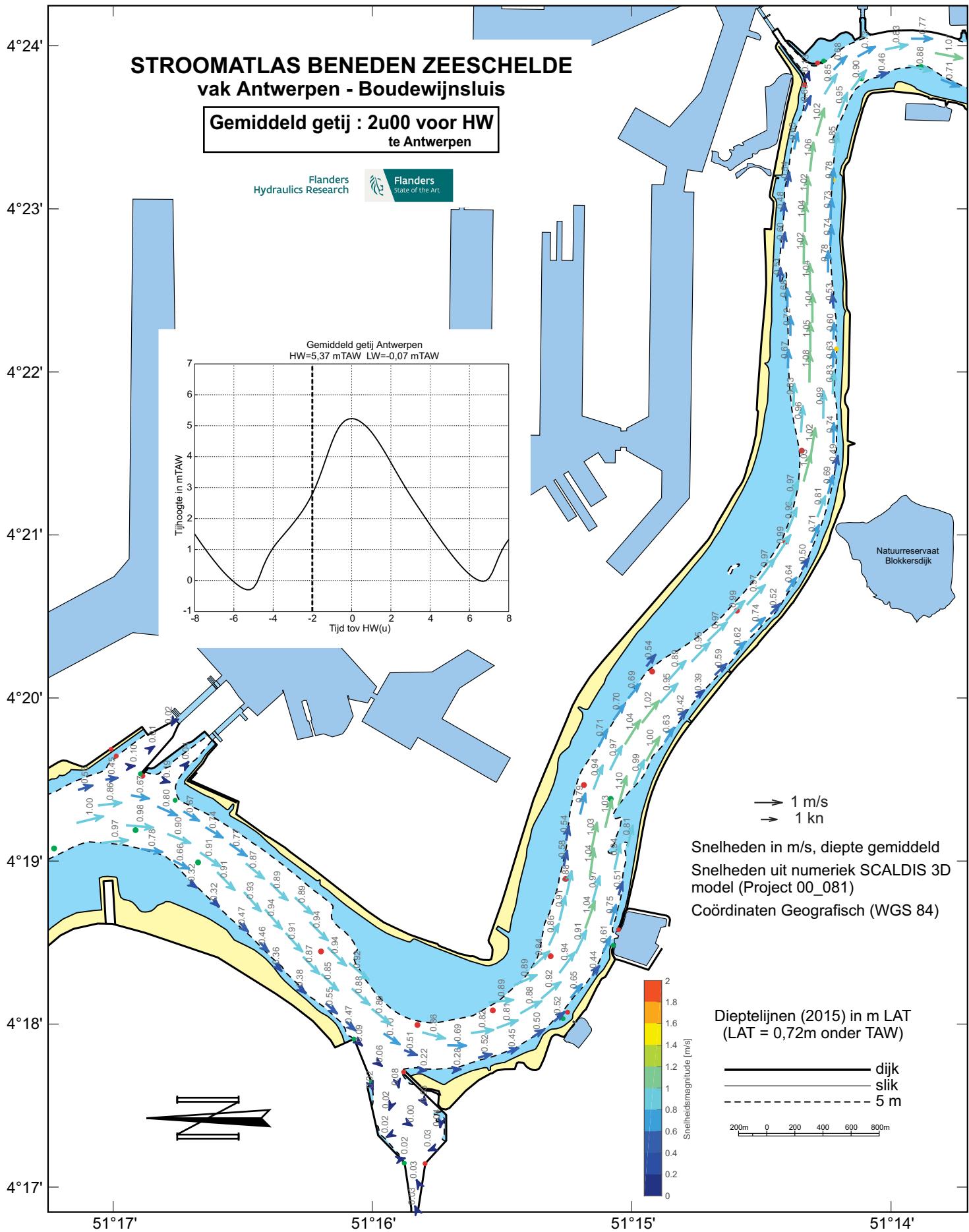
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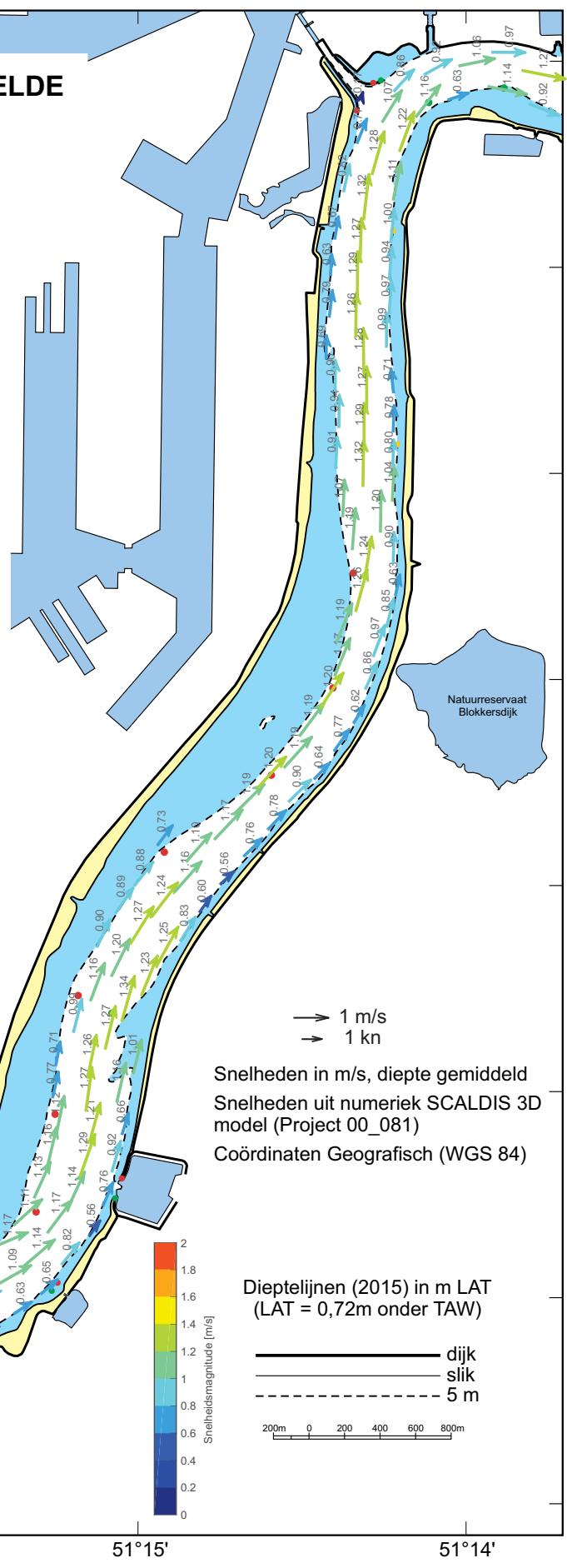
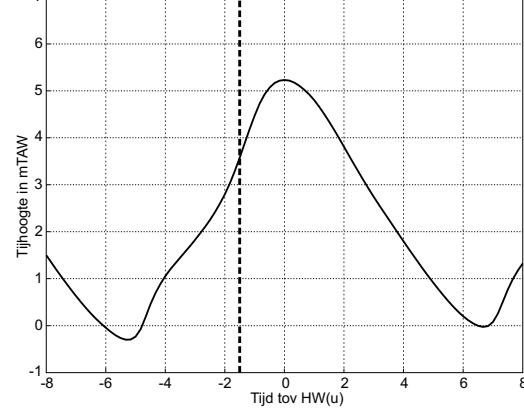
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 1u30 voor HW  
te Antwerpen

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Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



# STROOMATLAS BENEDEN ZEESCHELDE

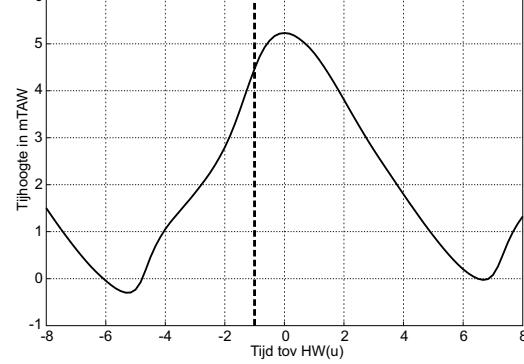
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 1u00 voor HW  
te Antwerpen

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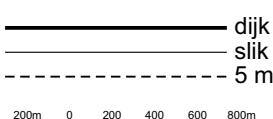
Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



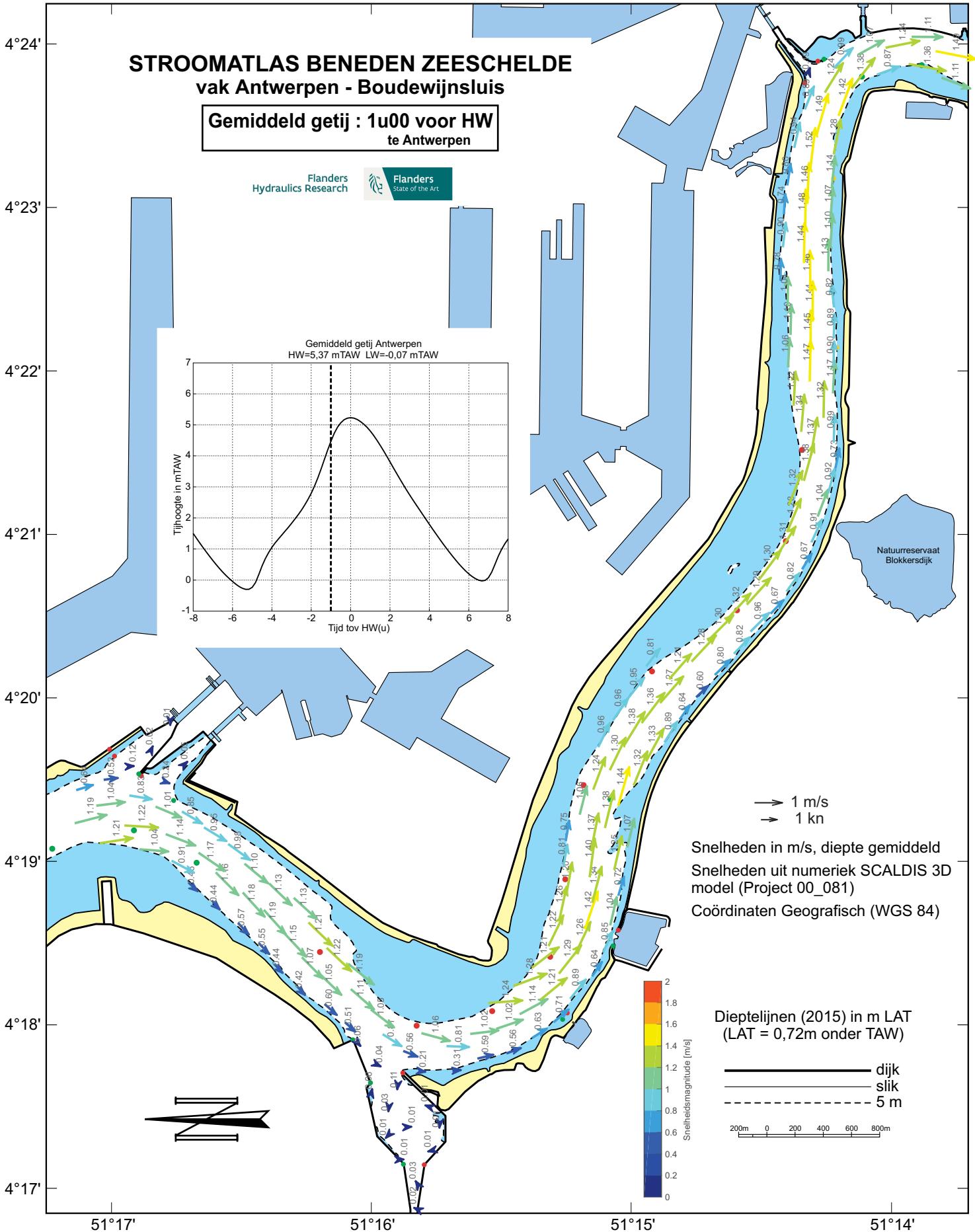
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200m 0 200 400 600 800m



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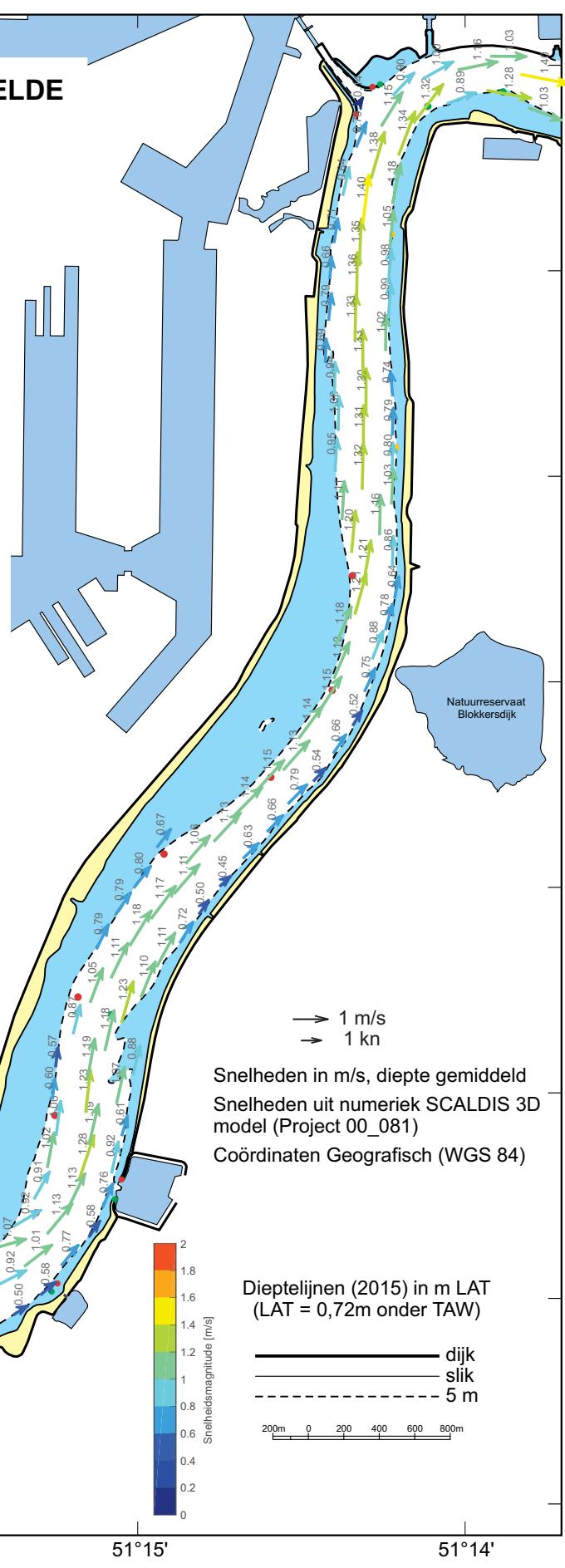
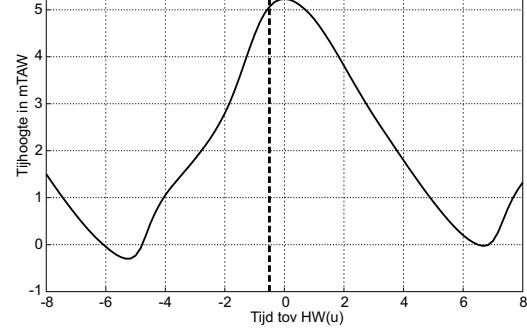
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 0u30 voor HW  
te Antwerpen

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Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



# STROOMATLAS BENEDEN ZEESCHELDE

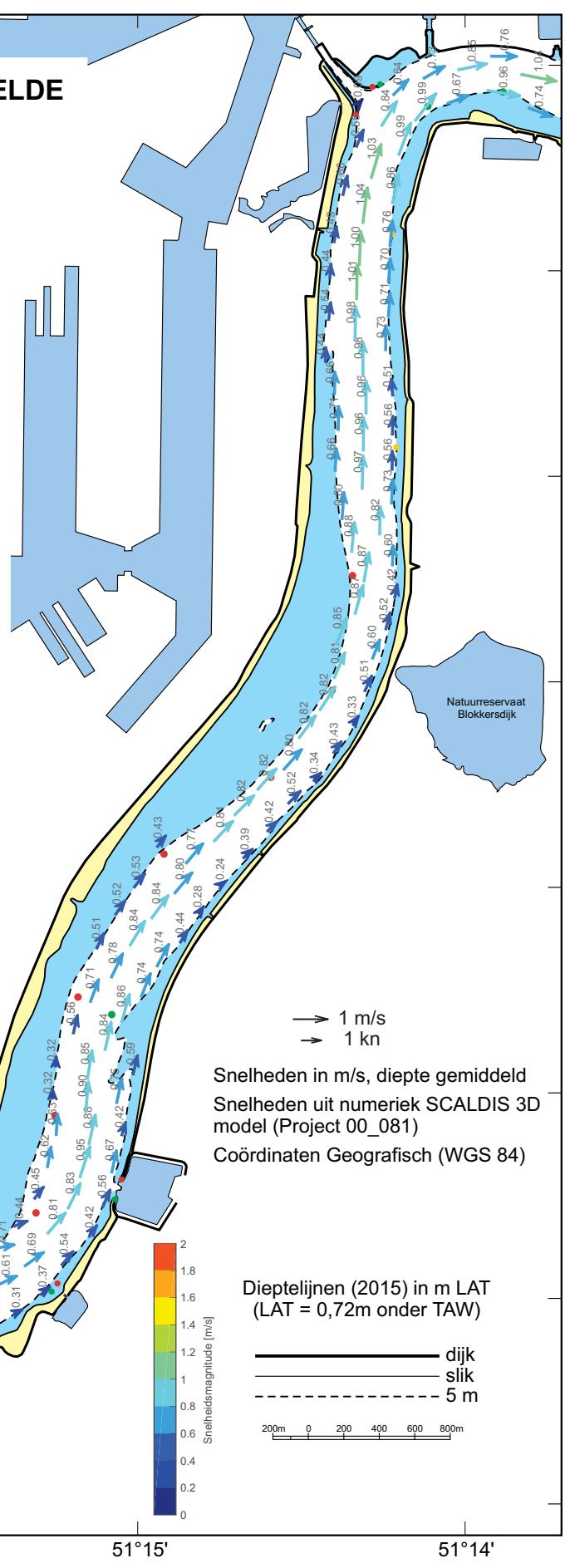
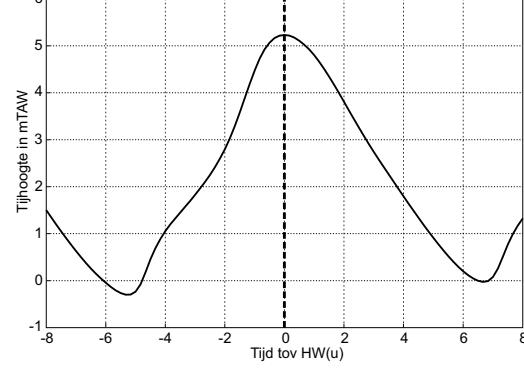
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : HW  
te Antwerpen

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Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



# STROOMATLAS BENEDEN ZEESCHELDE

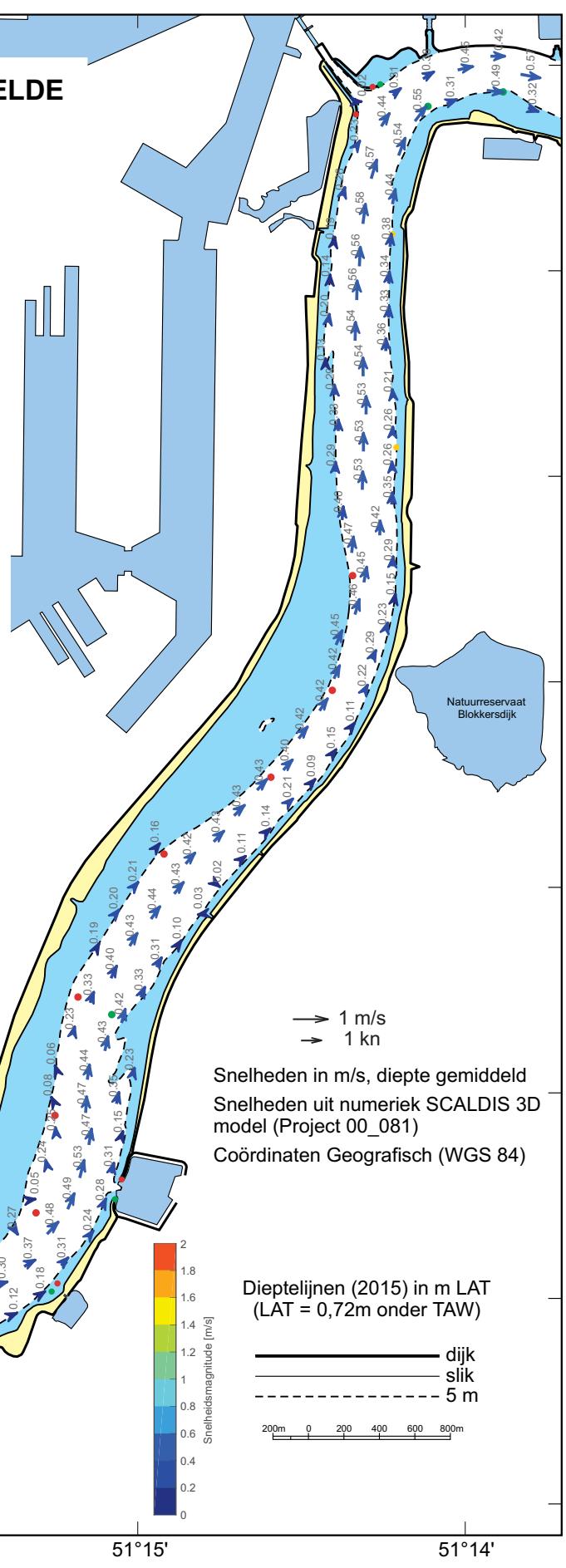
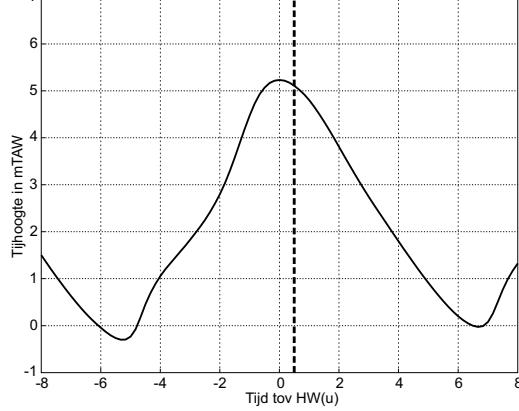
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 0u30 na HW  
te Antwerpen

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State of the Art

Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



# STROOMATLAS BENEDEN ZEESCHELDE

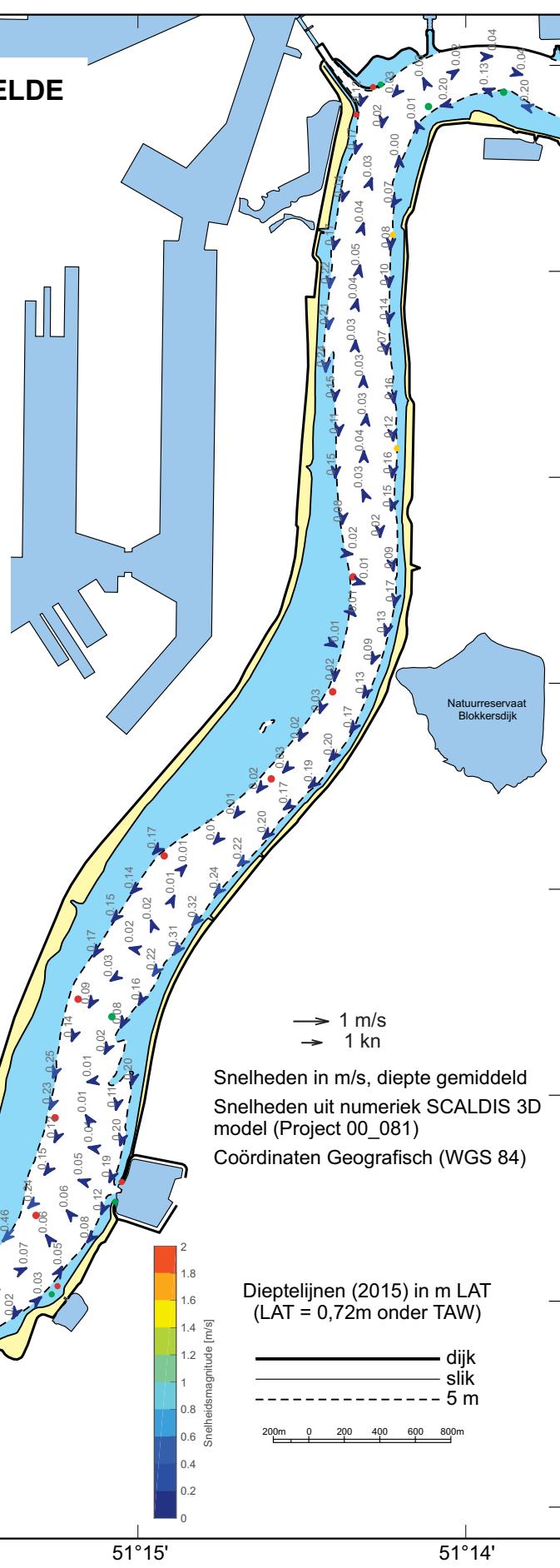
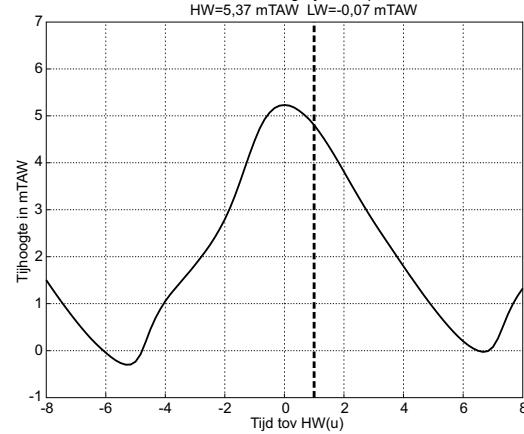
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 1u00 na HW  
te Antwerpen

Flanders  
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Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



# STROOMATLAS BENEDEN ZEESCHELDE

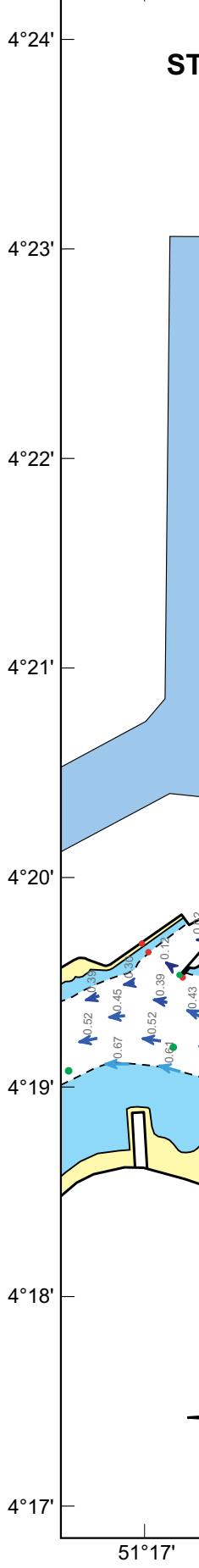
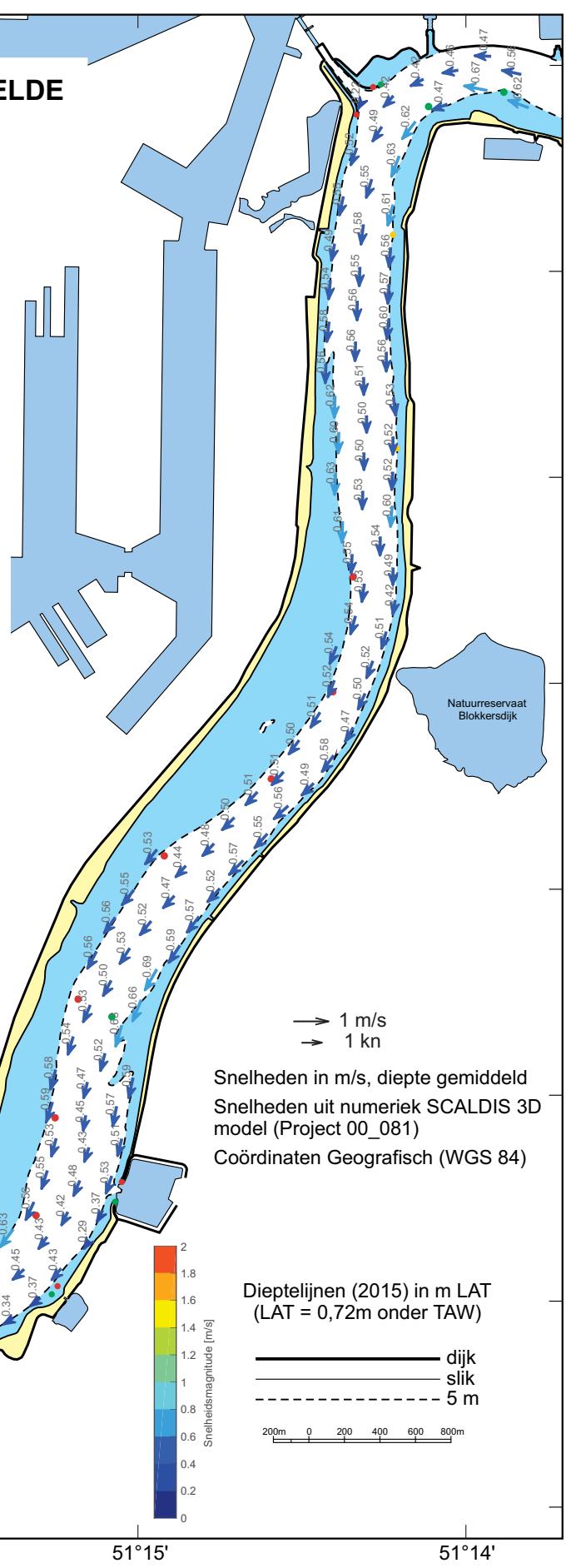
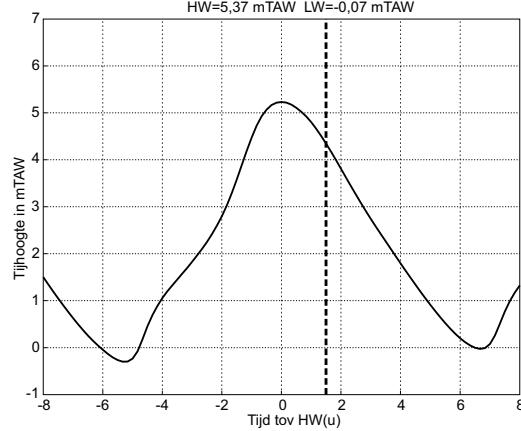
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 1u30 na HW  
te Antwerpen

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Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



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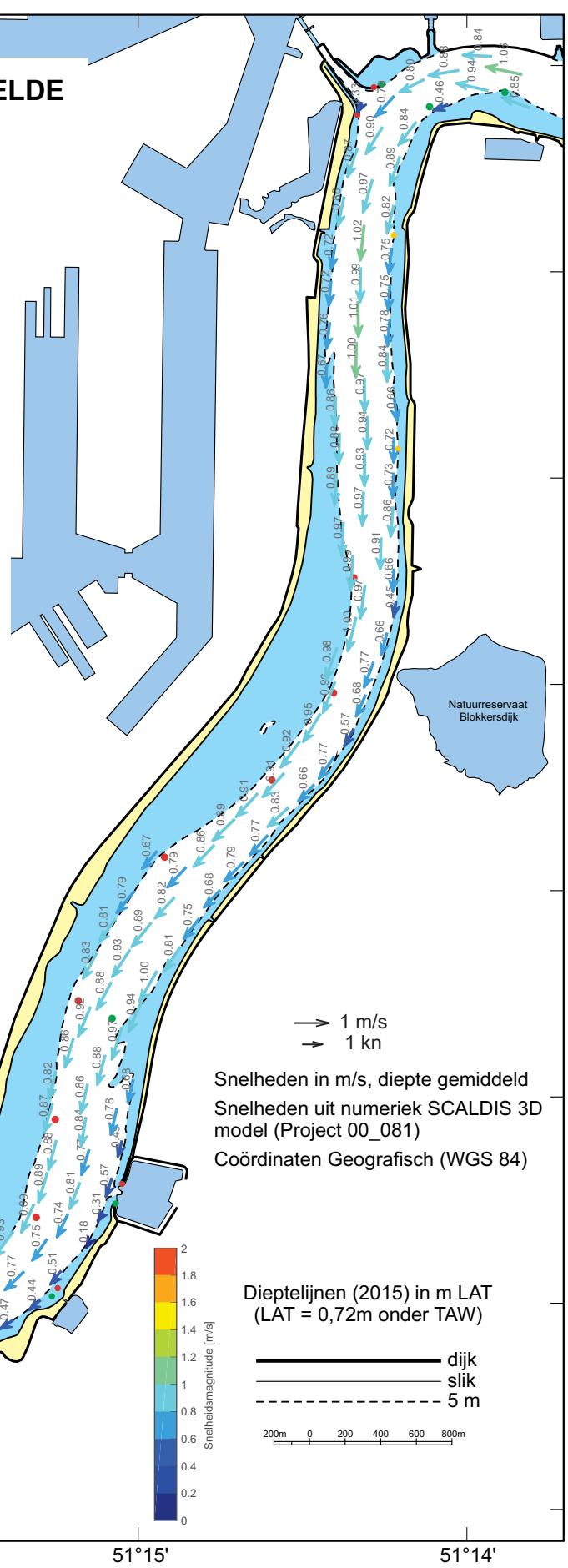
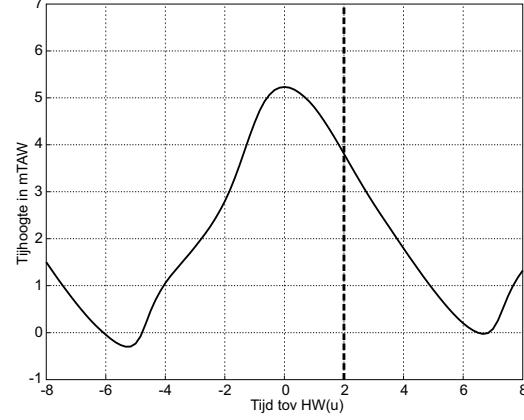
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 2u00 na HW  
te Antwerpen

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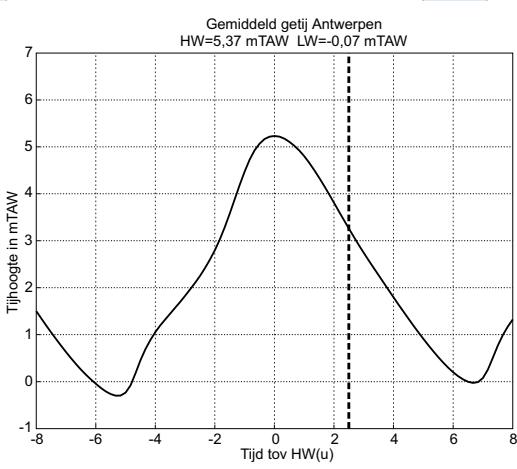


Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW

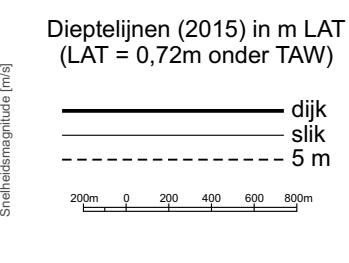


**STROOMATLAS BENEDEN ZEESCHELDE**  
vak Antwerpen - Boudewijnsluis

**Gemiddeld getij : 2u30 na HW  
te Antwerpen**



Snelheden in m/s, diepte gemiddeld  
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Coördinaten Geografisch (WGS 84)



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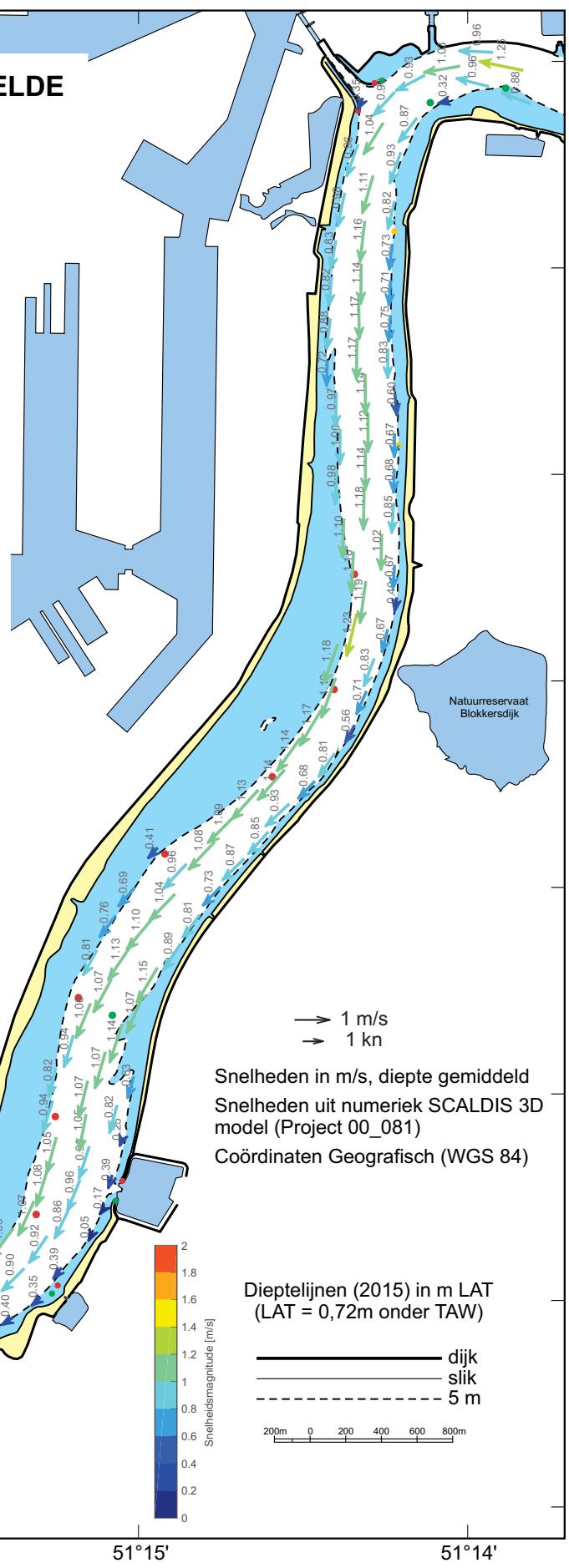
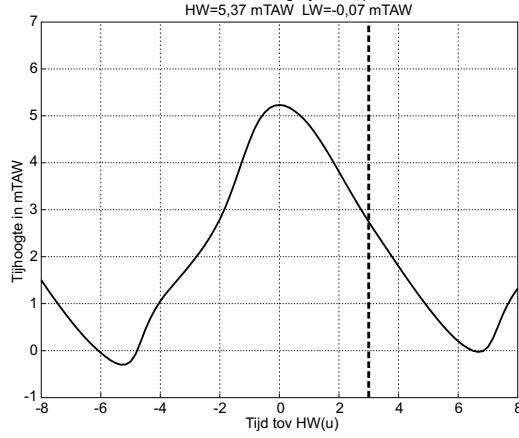
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 3u00 na HW  
te Antwerpen

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Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



# STROOMATLAS BENEDEN ZEESCHELDE

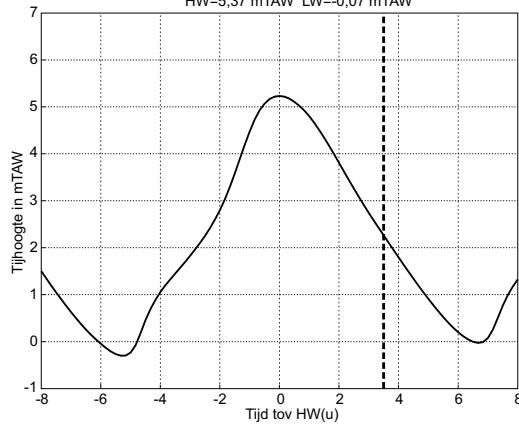
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Gemiddeld getij : 3u30 na HW  
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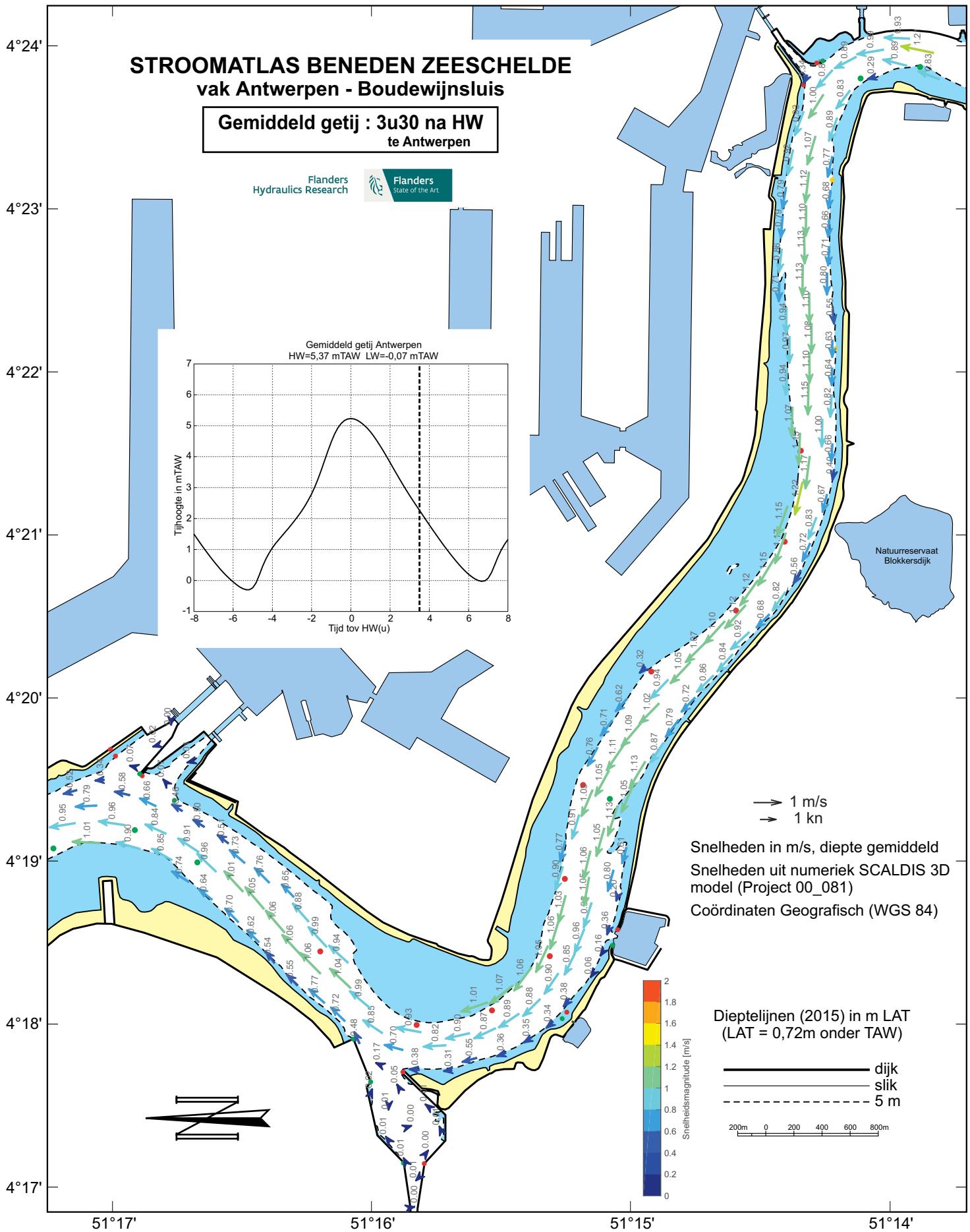
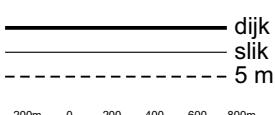
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→ 1 m/s  
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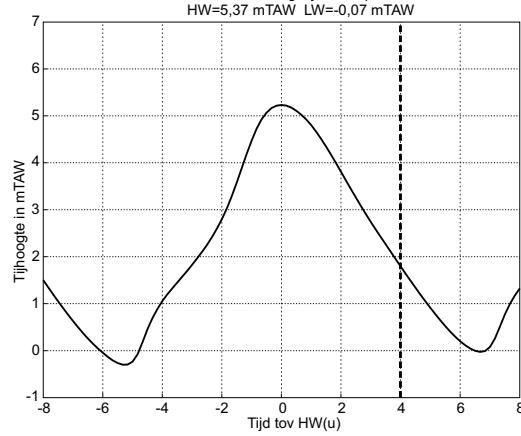
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Gemiddeld getij : 4u00 na HW  
te Antwerpen

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Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



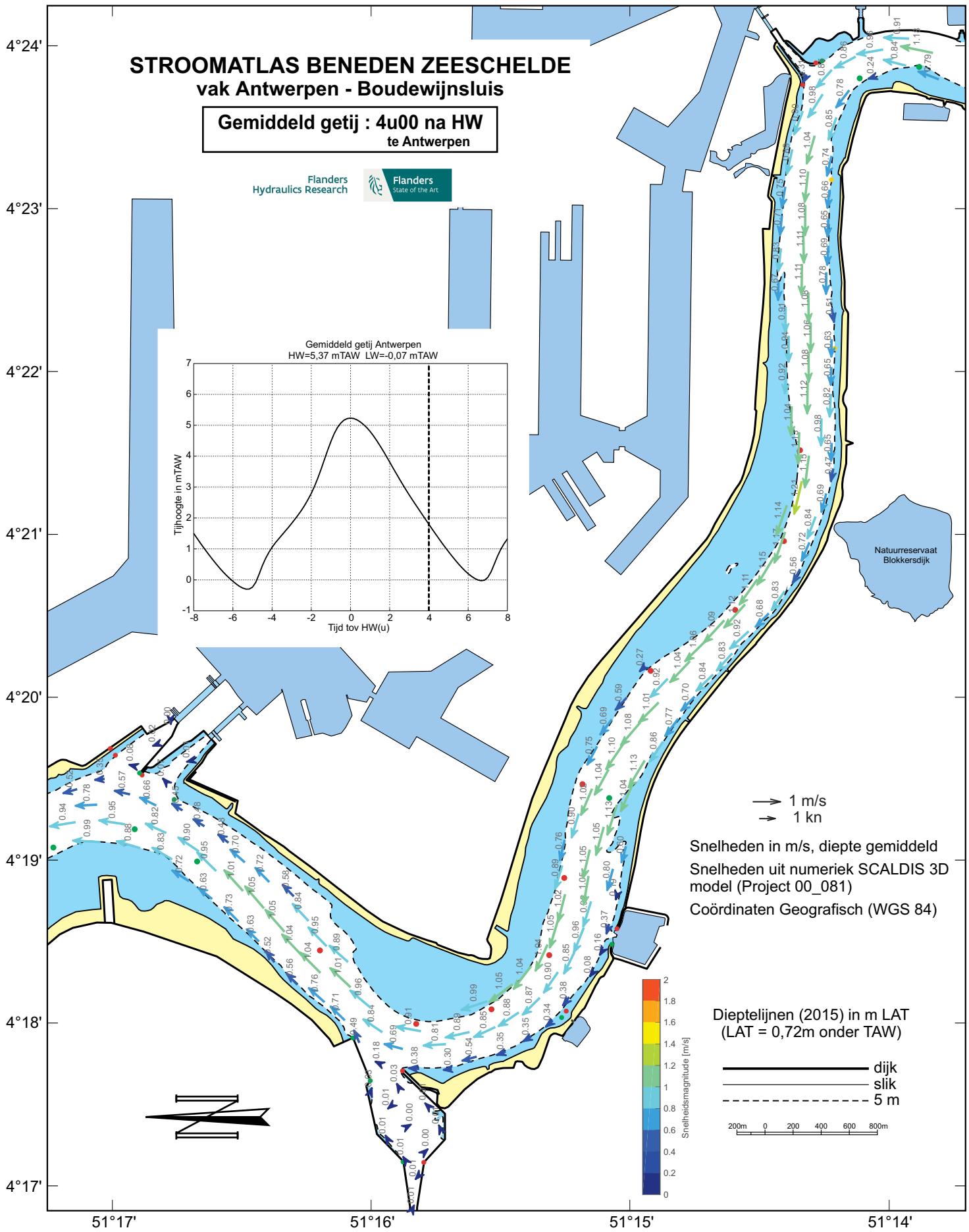
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dijk  
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200m 0 200 400 600 800m



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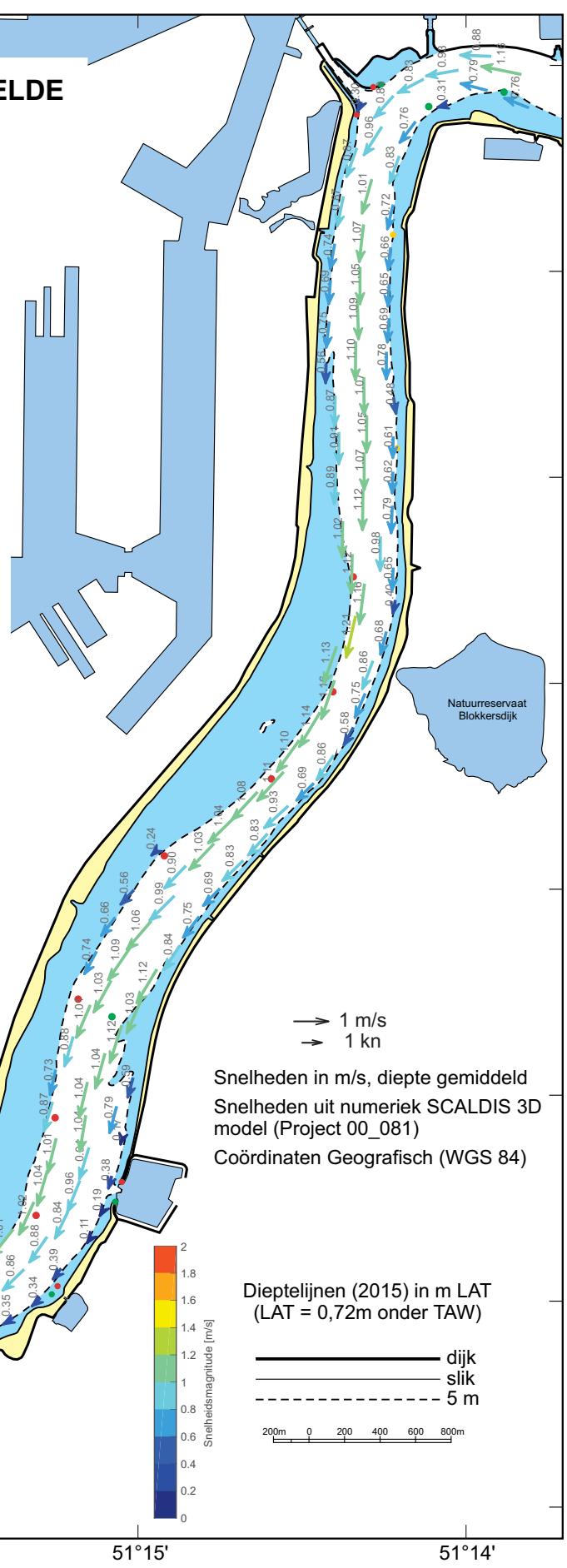
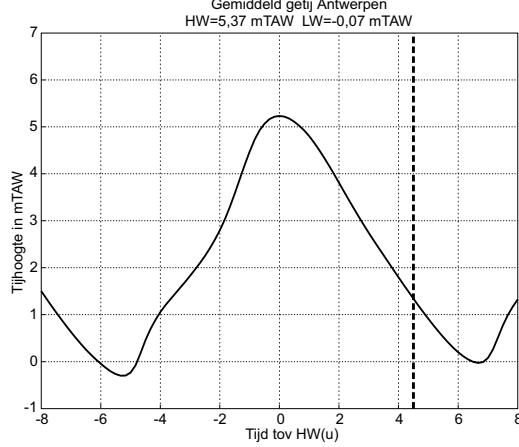
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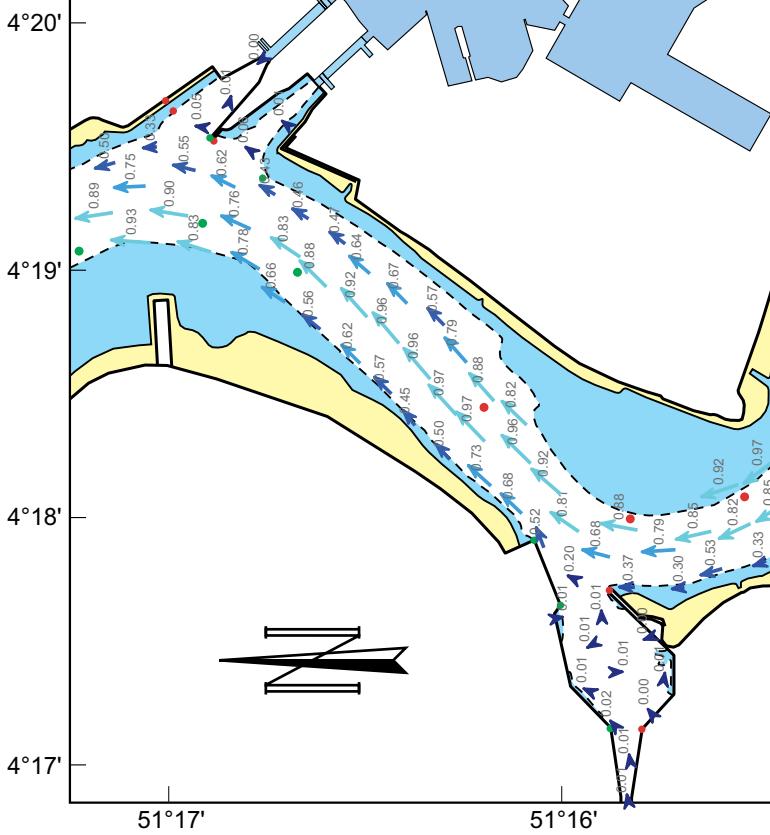
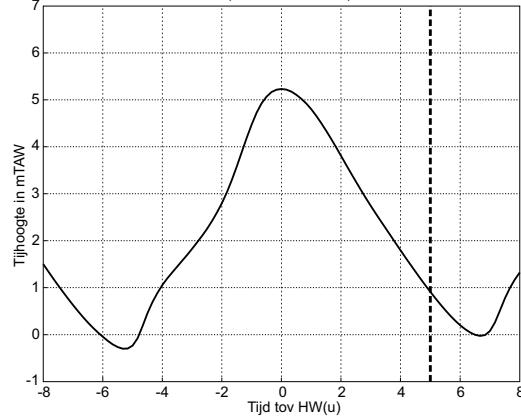
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 5u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

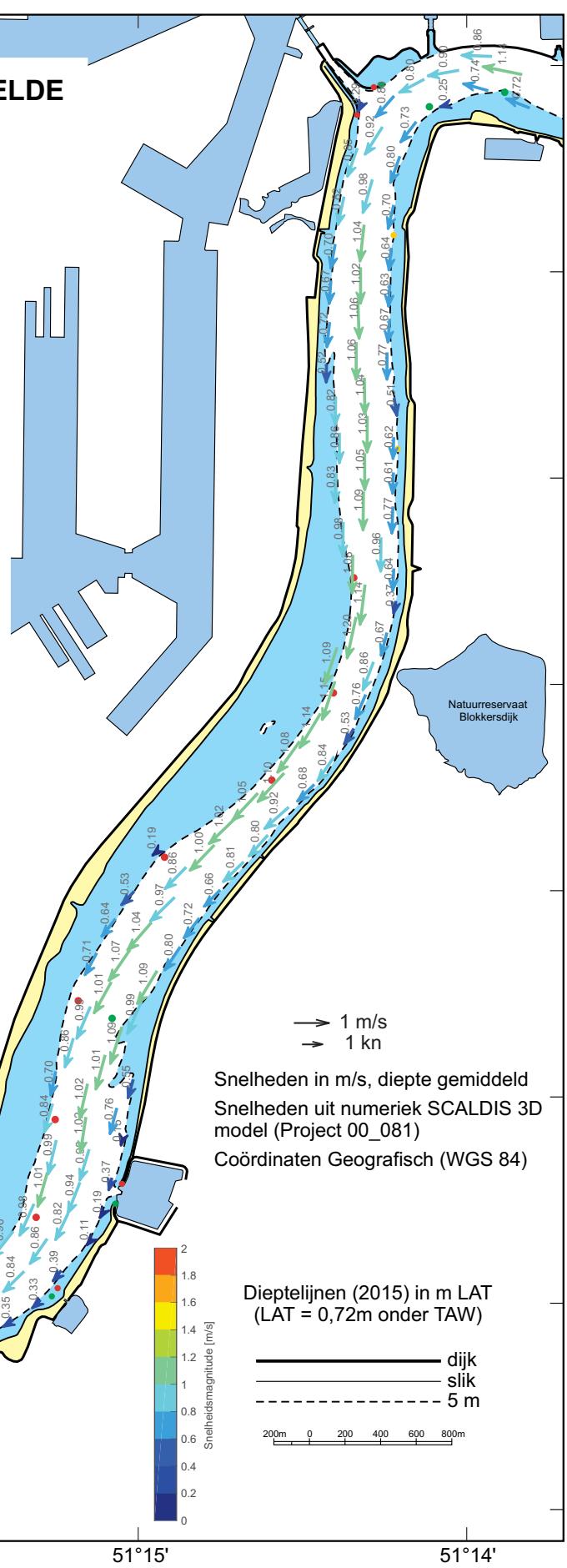
Flanders  
State of the Art

Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)



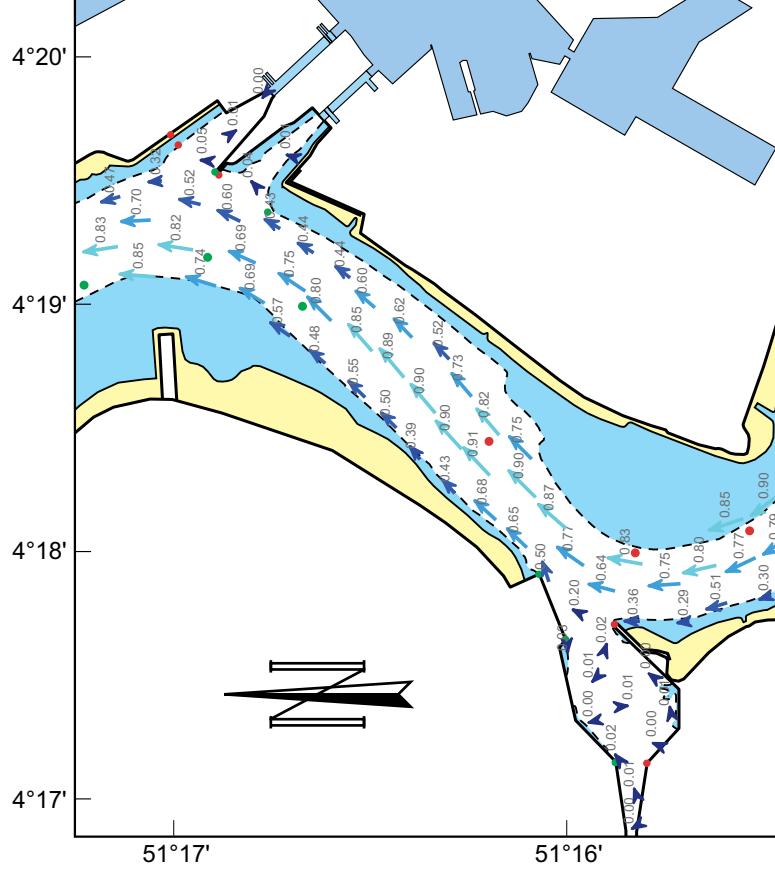
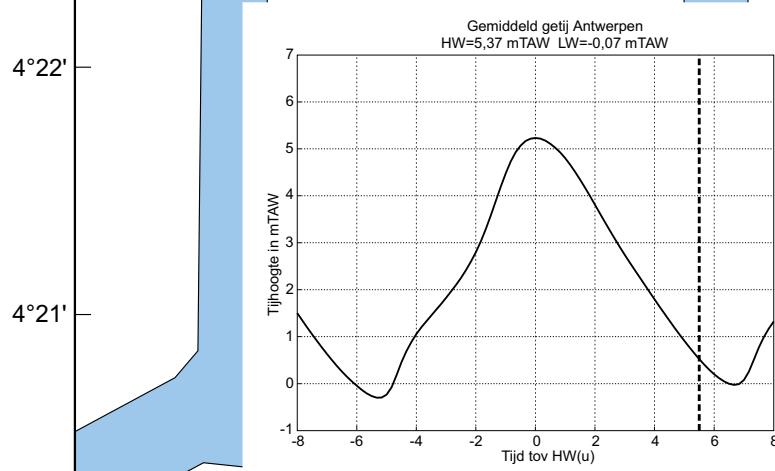
# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 5u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art



# STROOMATLAS BENEDEN ZEESCHELDE

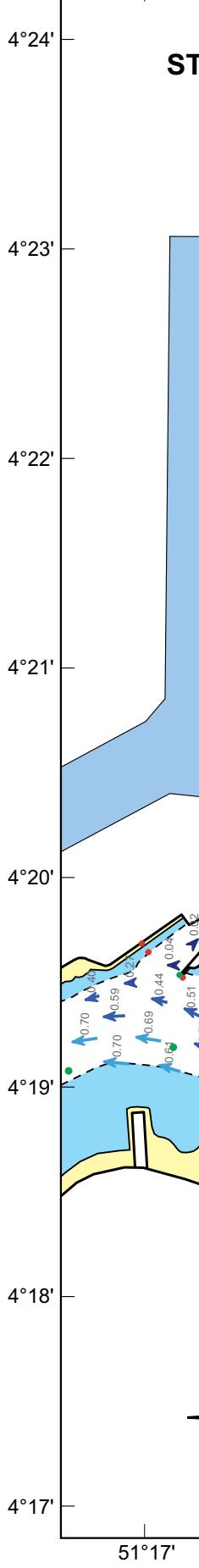
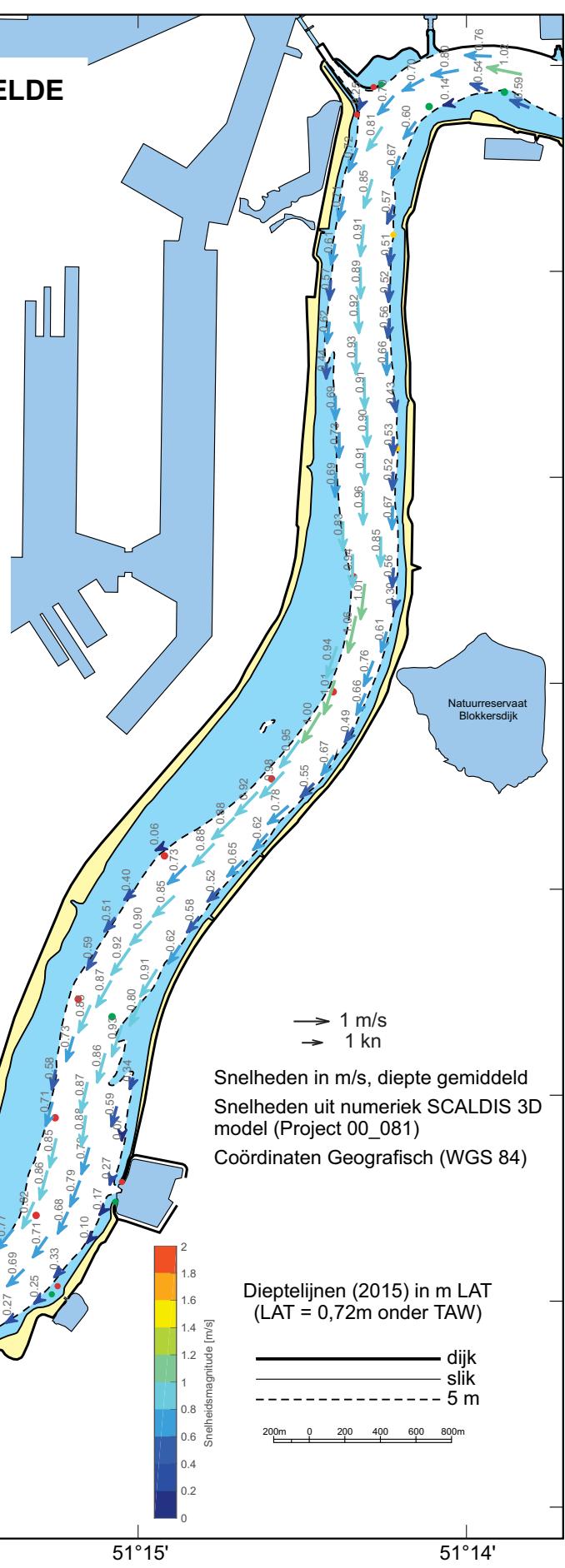
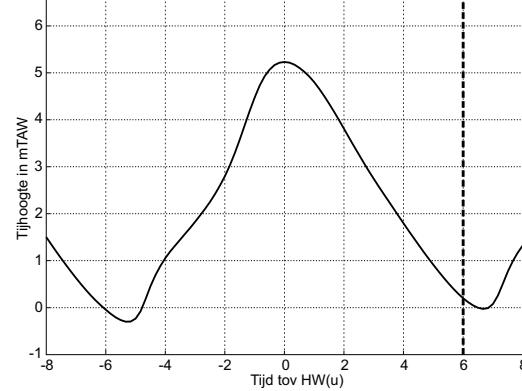
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 6u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



# STROOMATLAS BENEDEN ZEESCHELDE

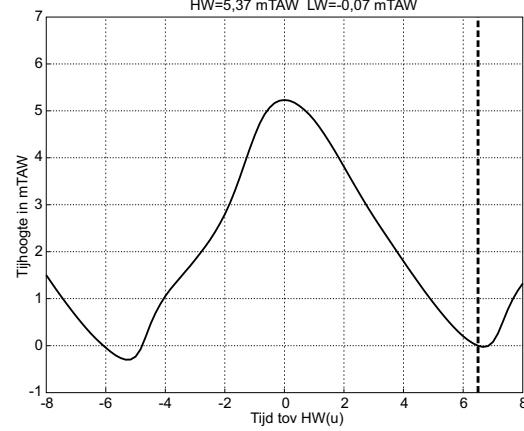
## vak Antwerpen - Boudewijnsluis

Gemiddeld getij : 6u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

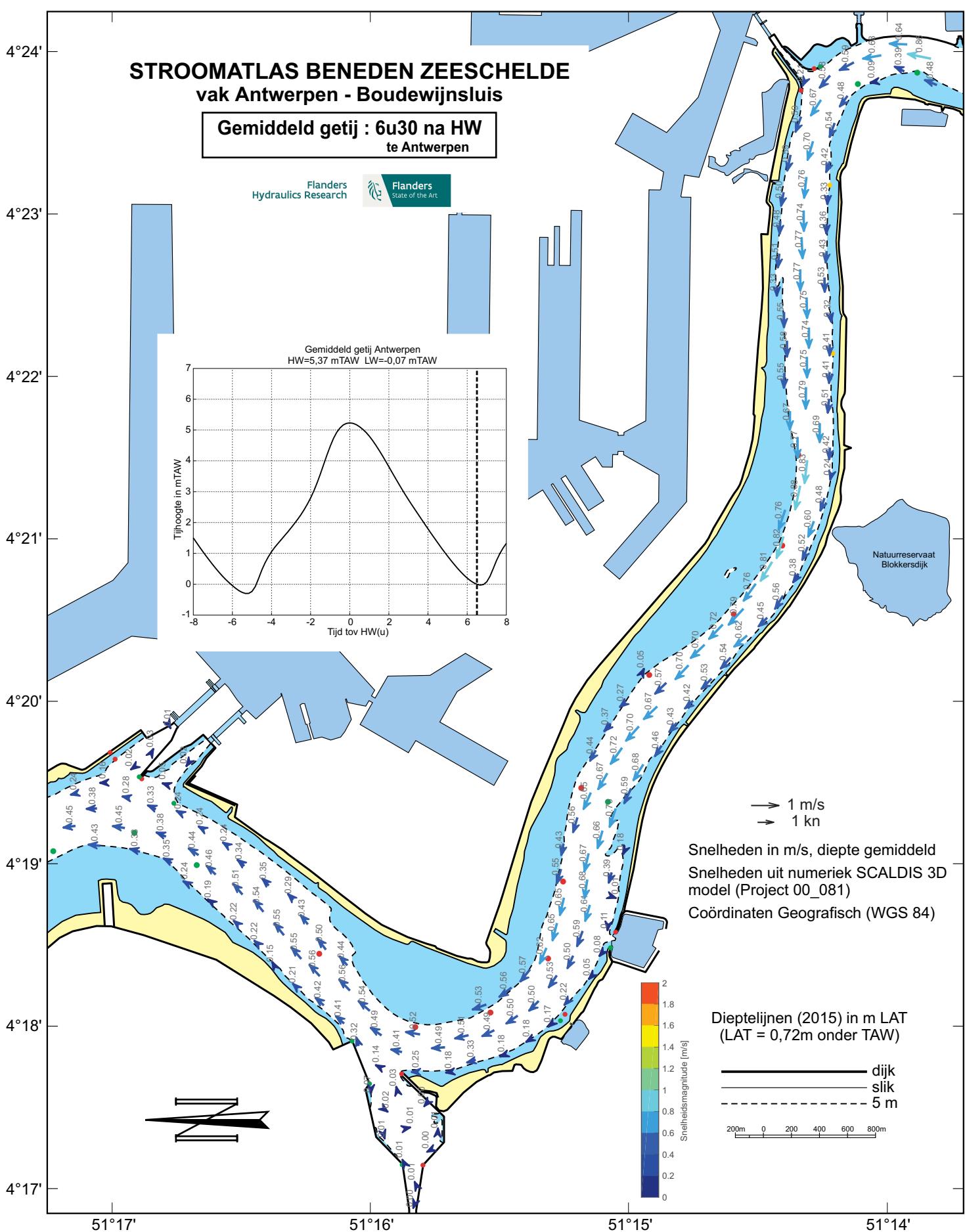
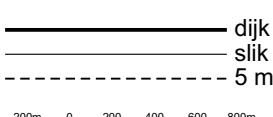
Gemiddeld getij Antwerpen  
HW=5,37 mTAW LW=-0,07 mTAW



→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,72m onder TAW)





# **STROOMATLAS BENEDEN ZEESCHELDE**

vak Boudewijnsluis - Antwerpen

**DOODTIJ**

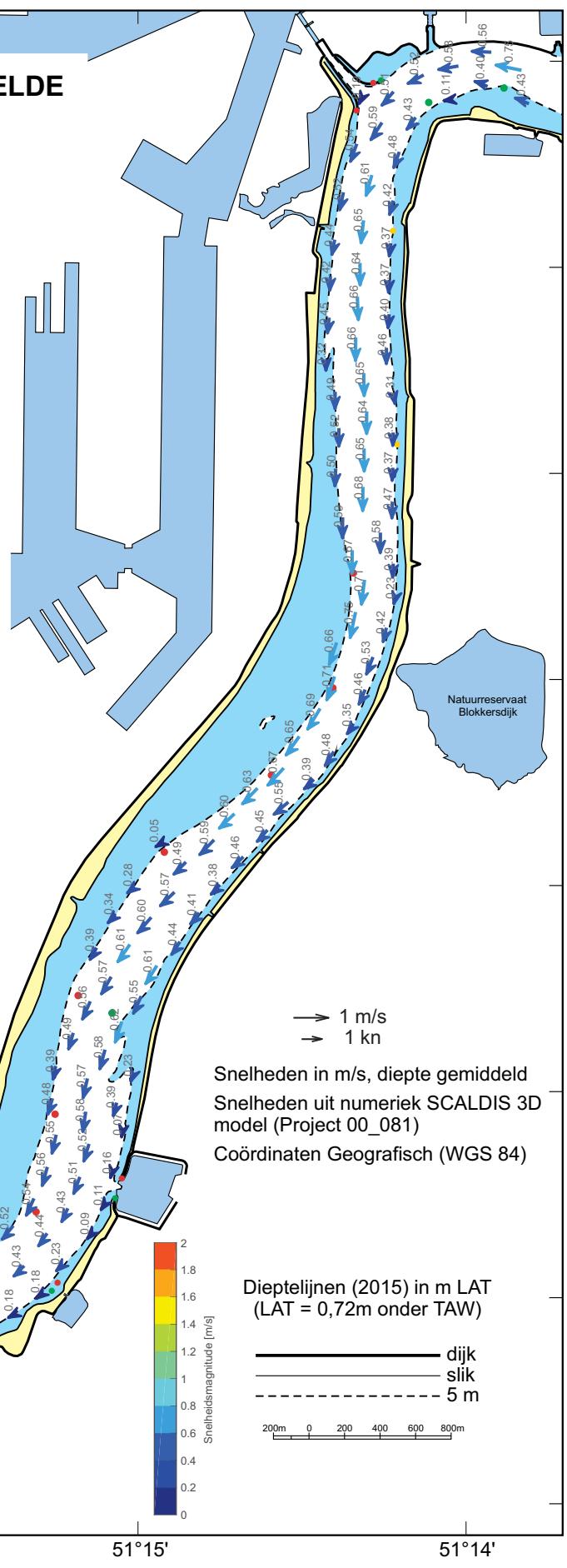
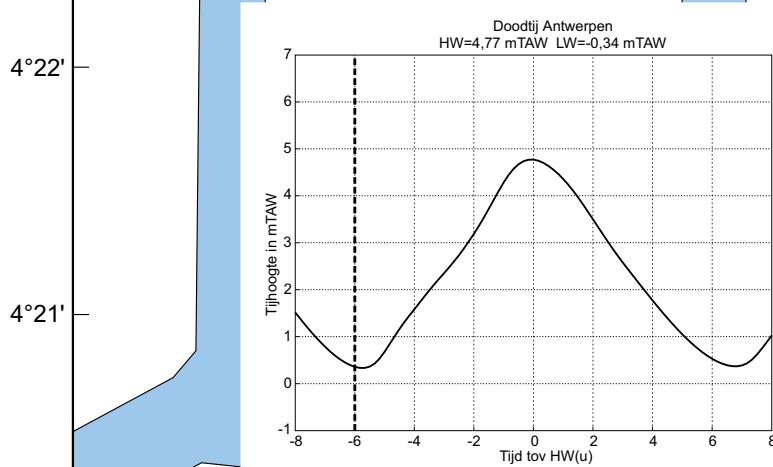
*Vlaamse overheid  
Departement Mobiliteit en Openbare Werken  
Waterbouwkundig Laboratorium*

# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Doodtij : 6u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

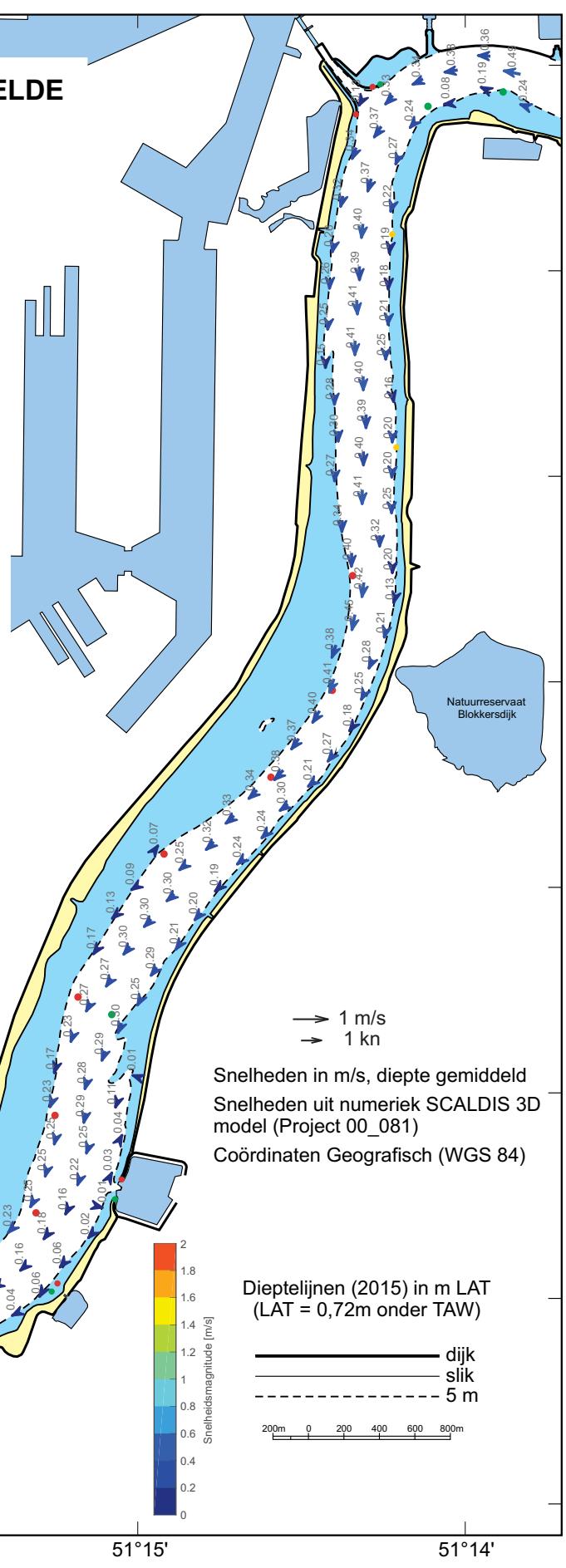
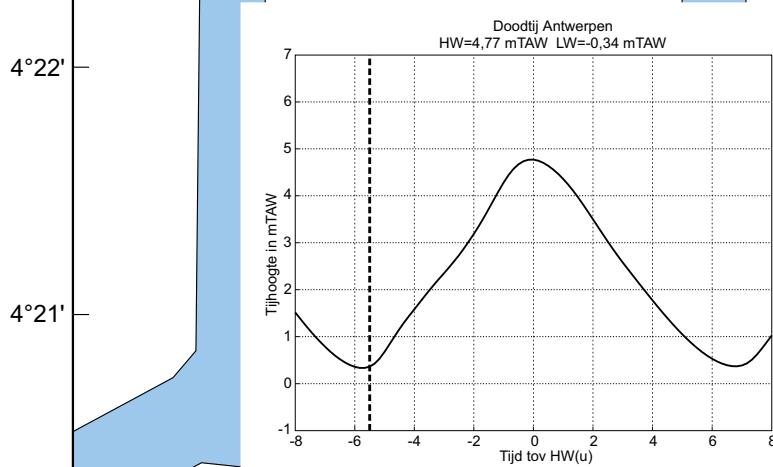


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Doodtij : 5u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

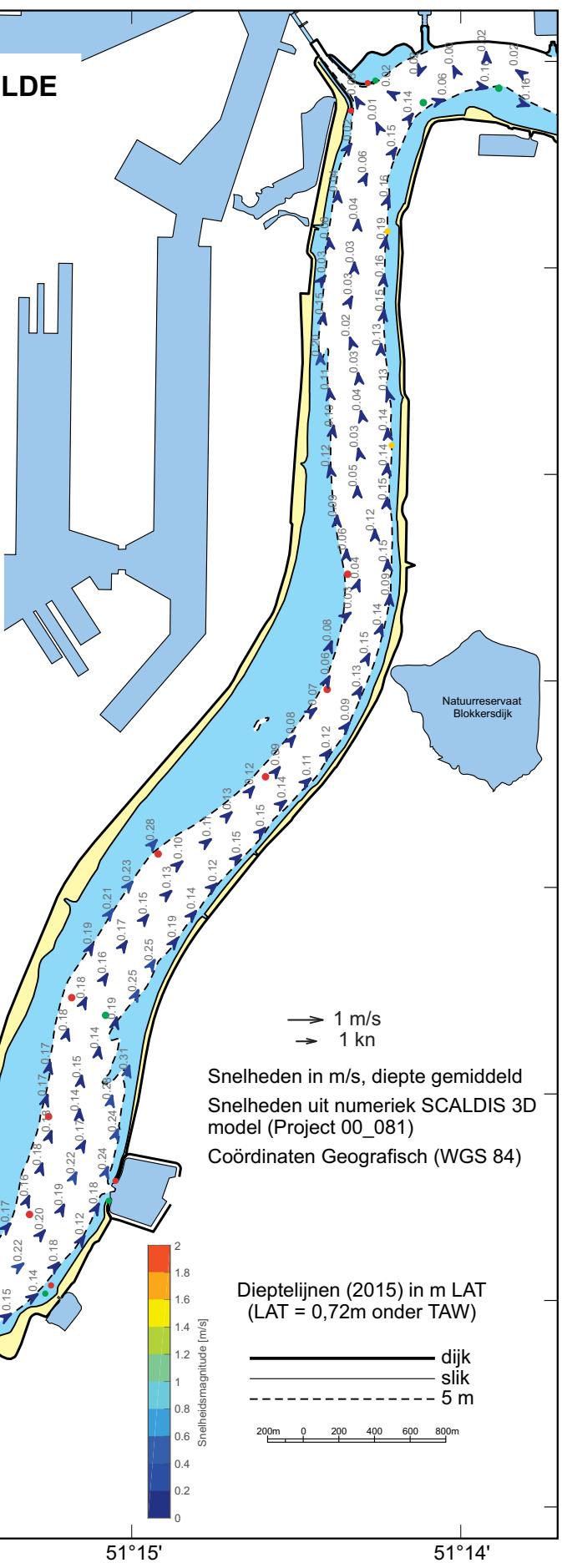
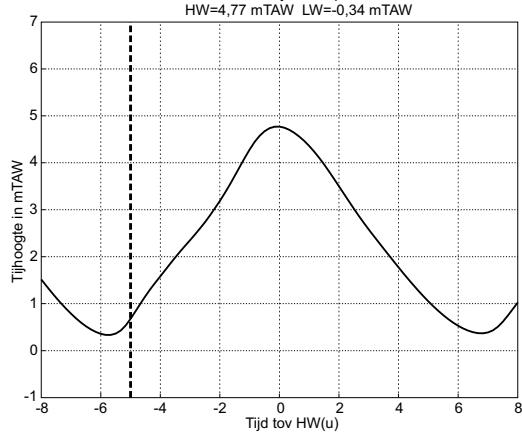
## vak Antwerpen - Boudewijnsluis

Doodtij : 5u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW



# STROOMATLAS BENEDEN ZEESCHELDE

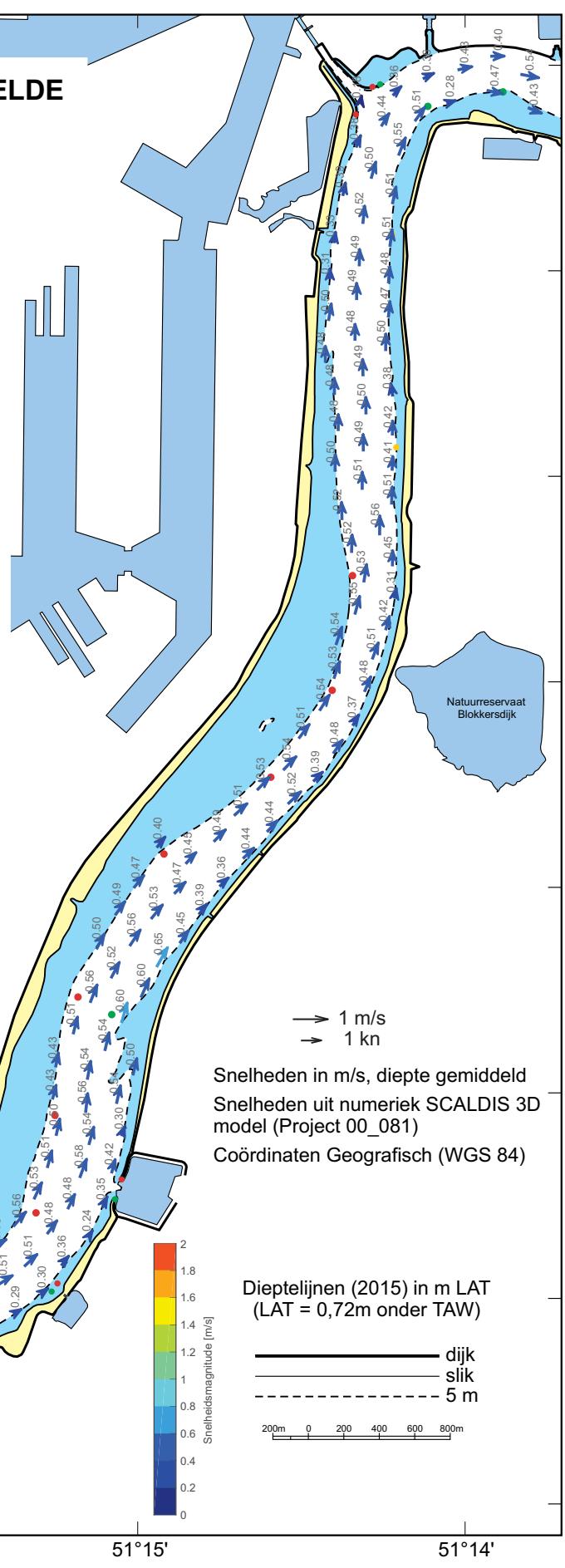
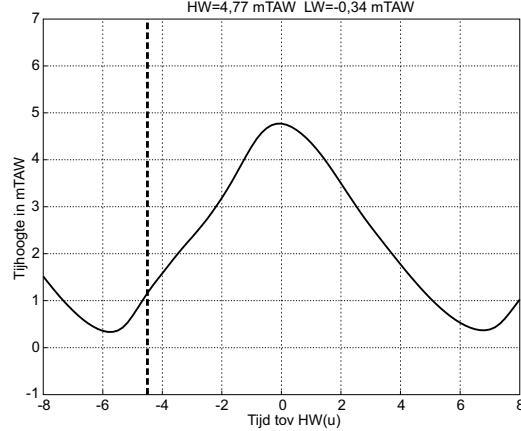
## vak Antwerpen - Boudewijnsluis

Doodtij : 4u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW

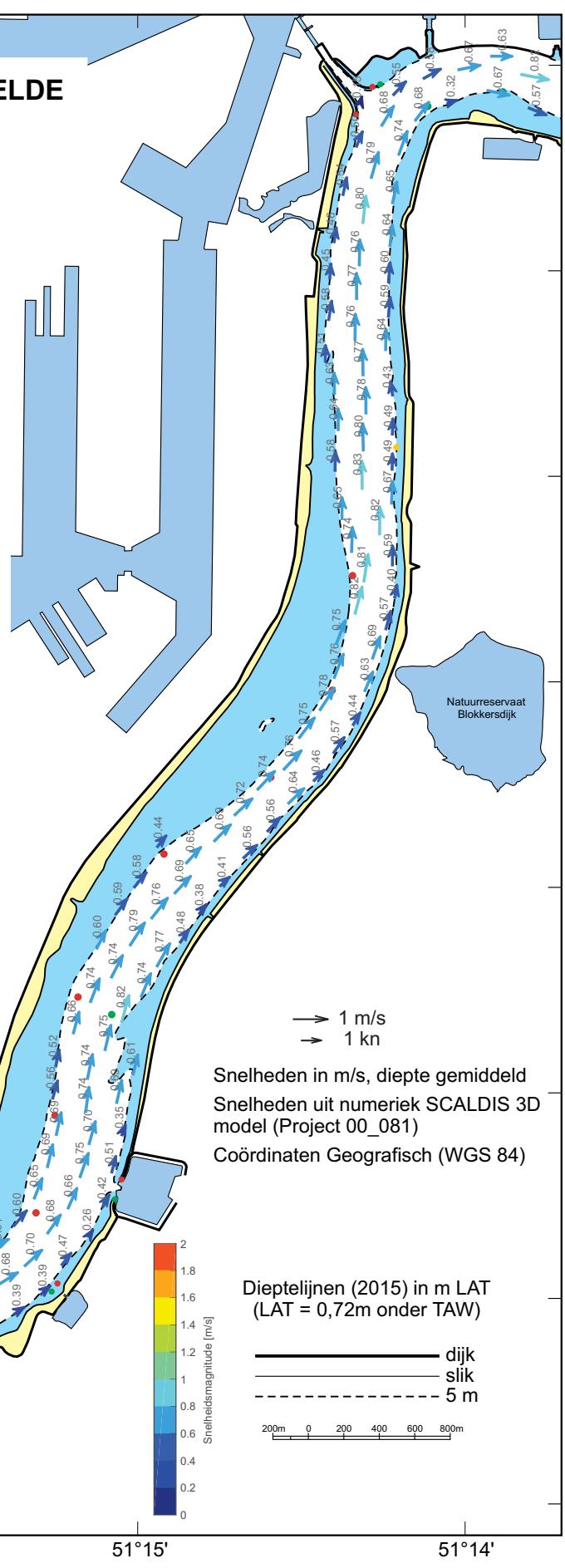
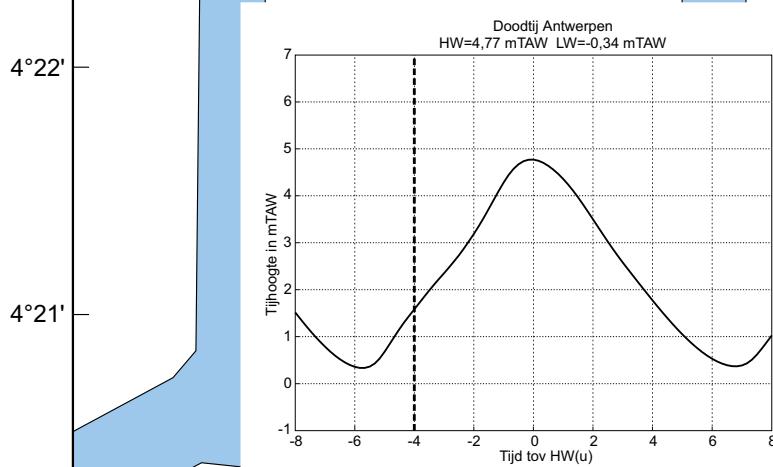


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Doodtij : 4u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

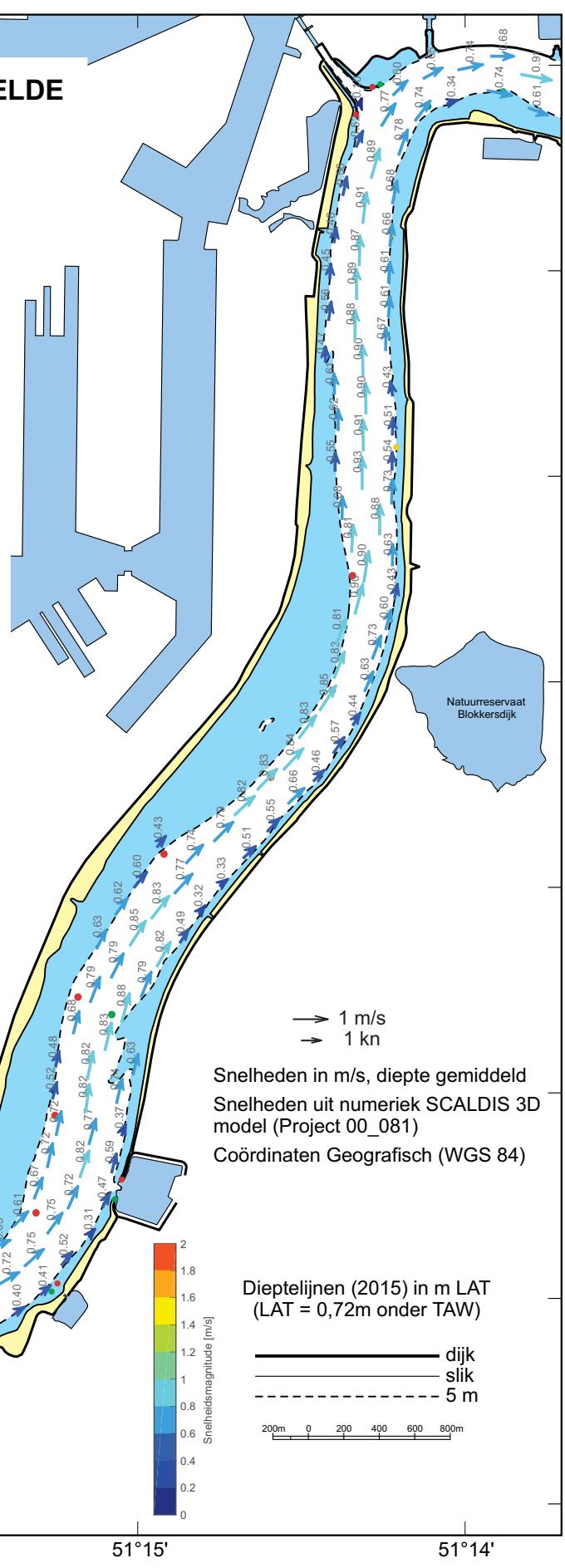
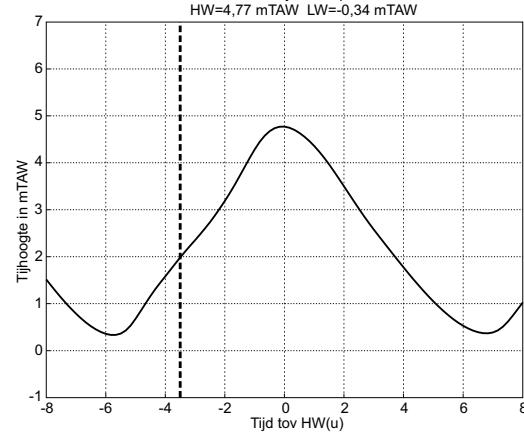
## vak Antwerpen - Boudewijnsluis

Doodtij : 3u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW

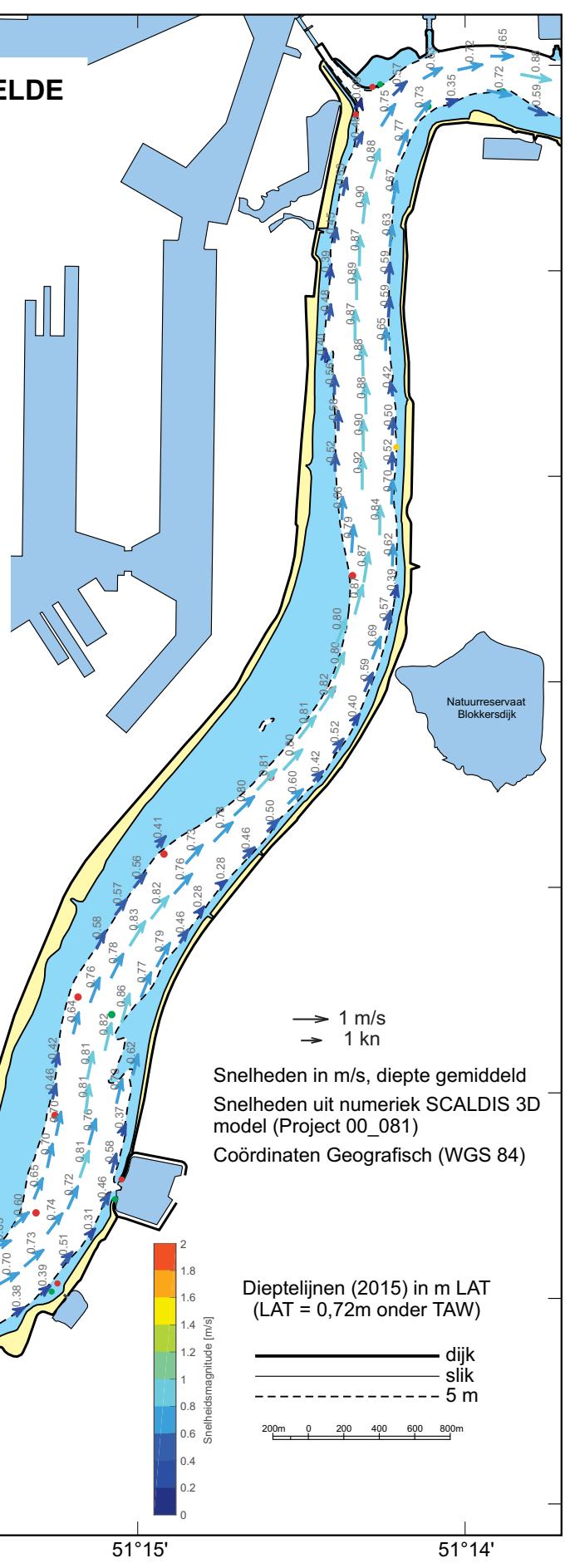
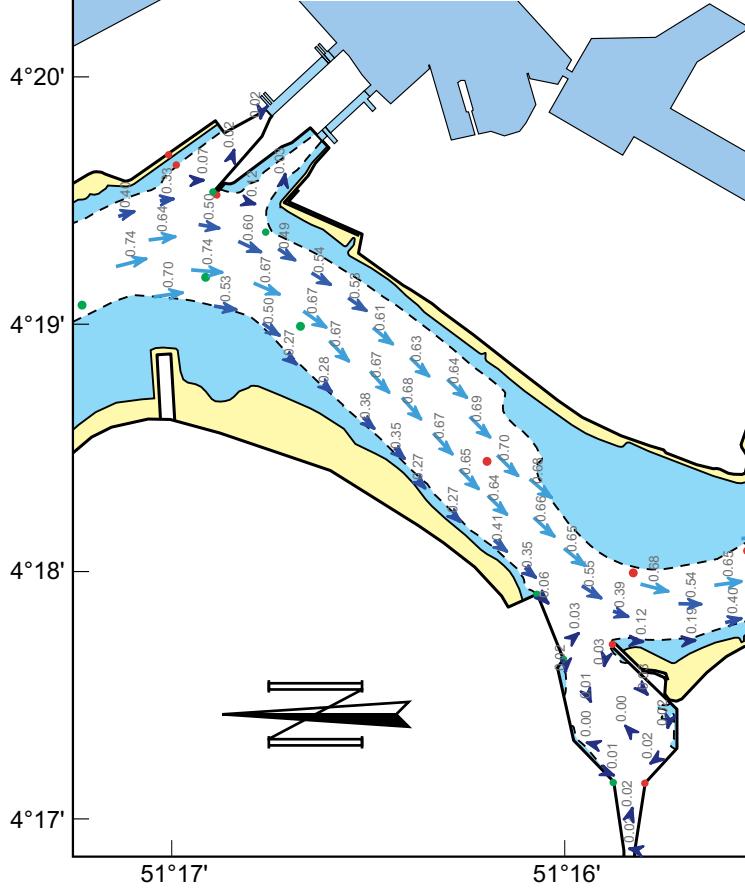
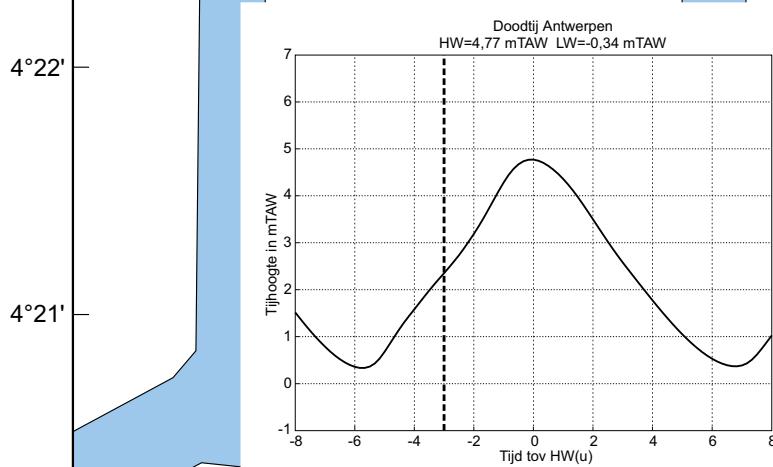


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Doodtij : 3u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

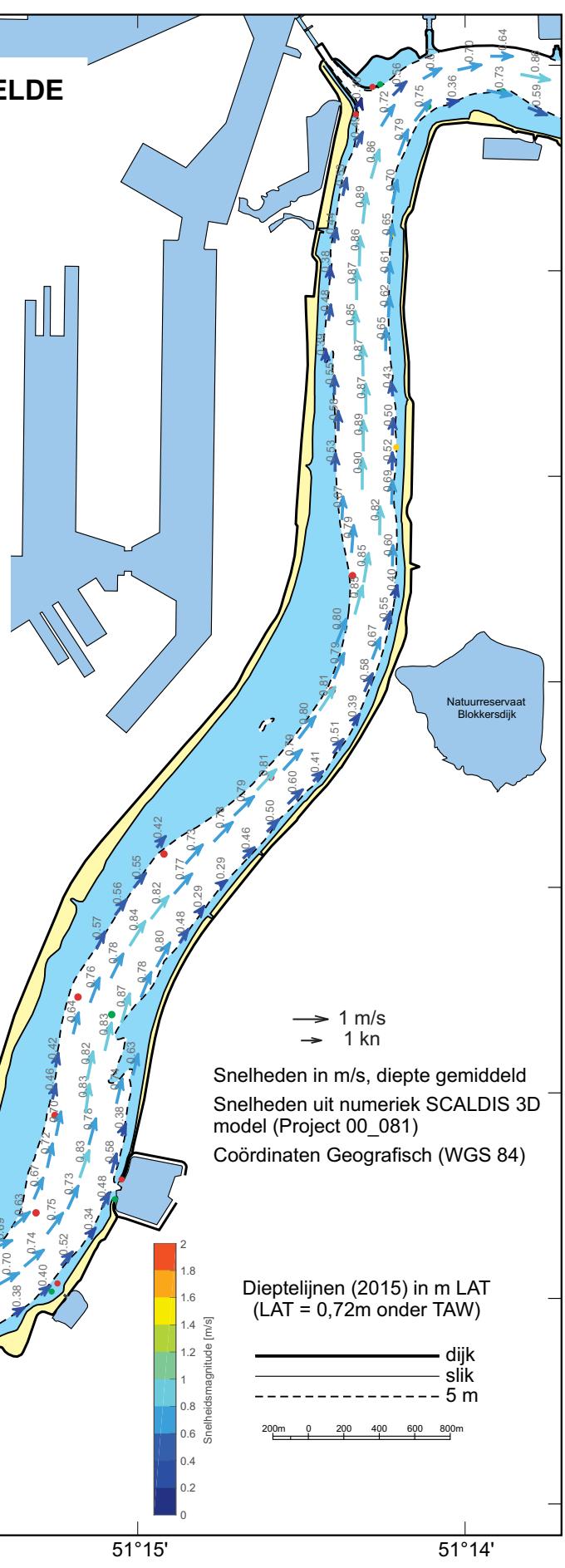
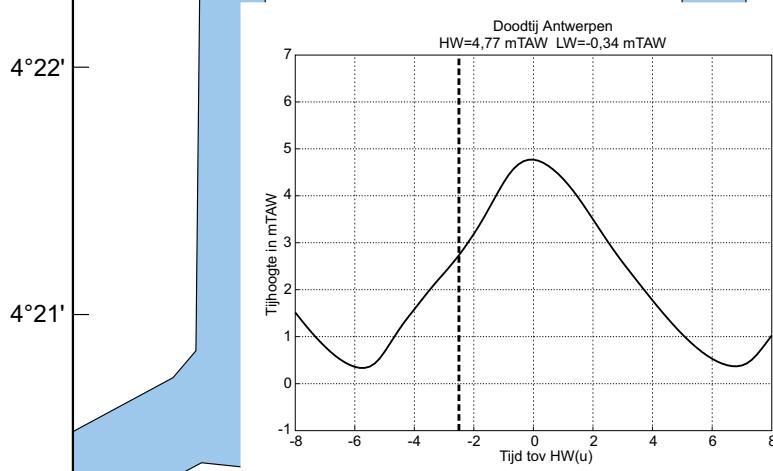


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Doodtij : 2u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



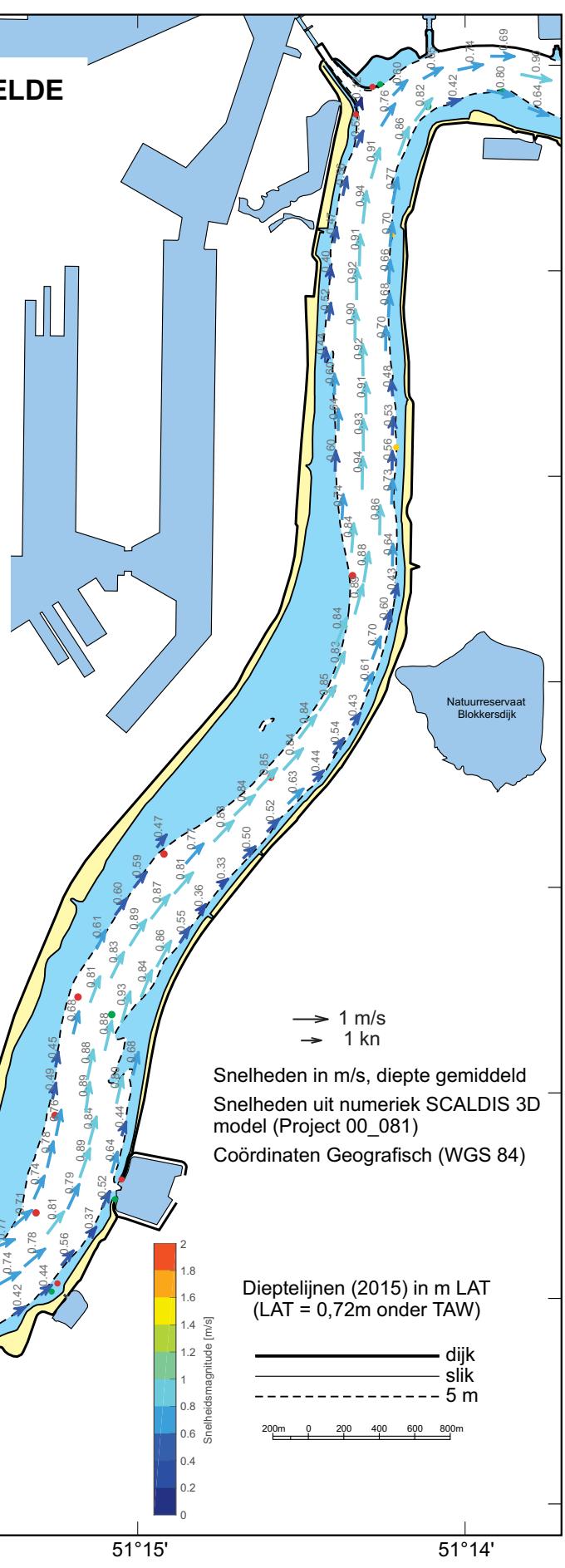
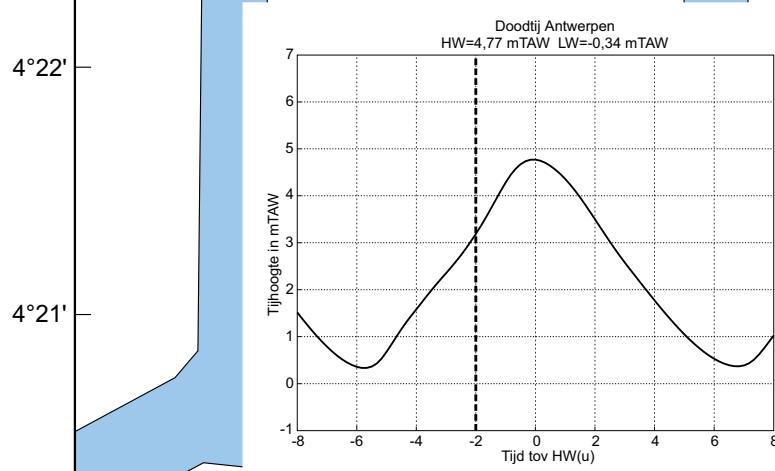
# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Doodtij : 2u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

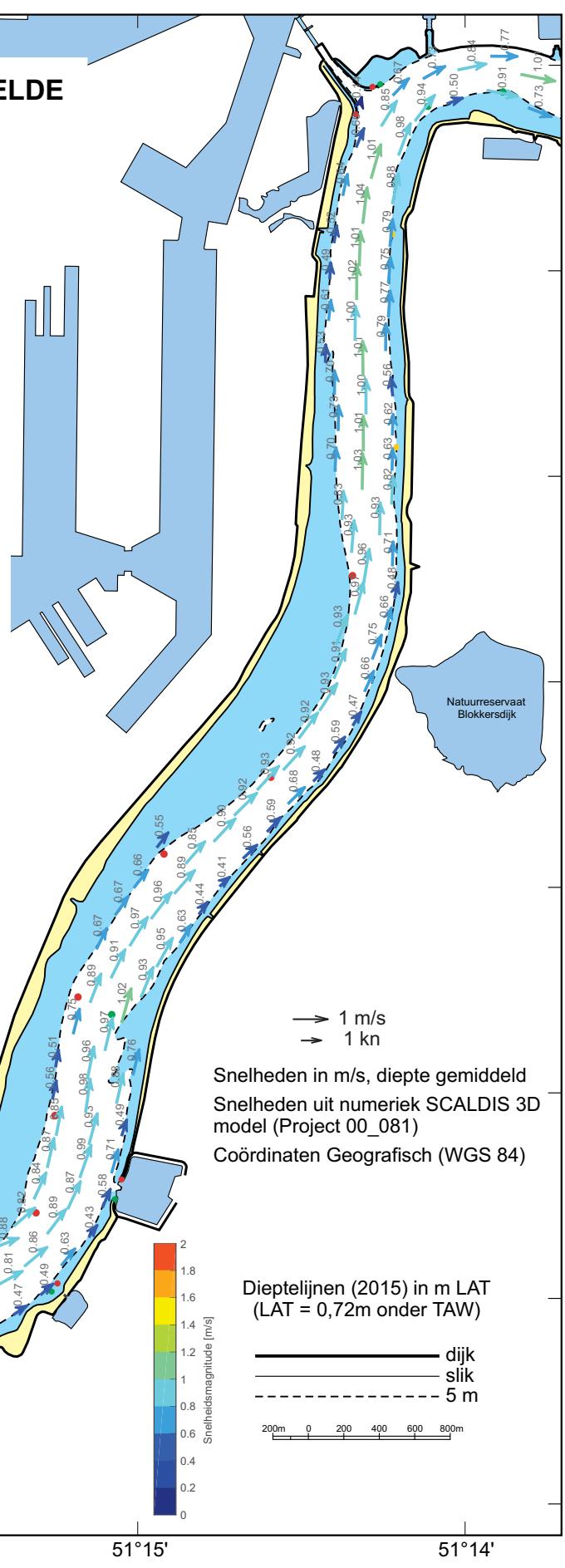
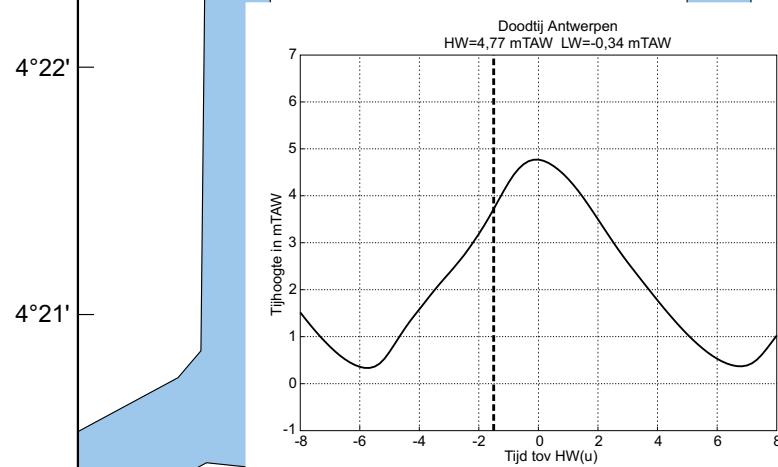


# STROOMATLAS BENEDEN ZEESCHELDE

vak Antwerpen - Boudewijnsluis

Doodtij : 1u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

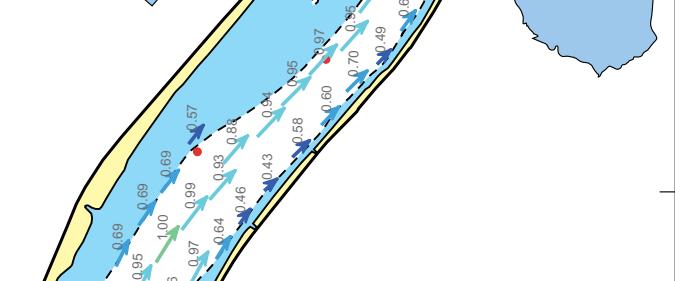
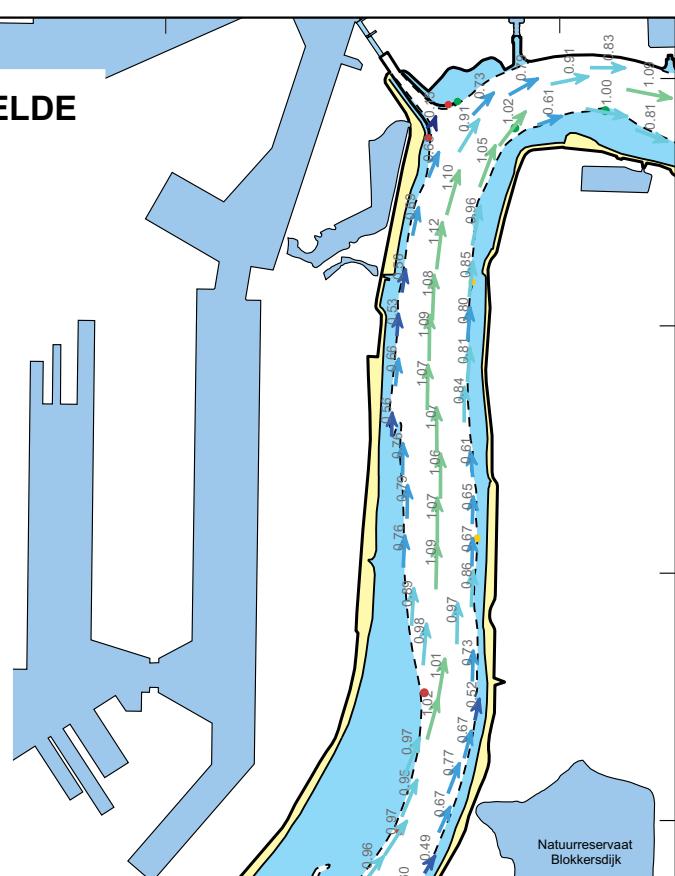
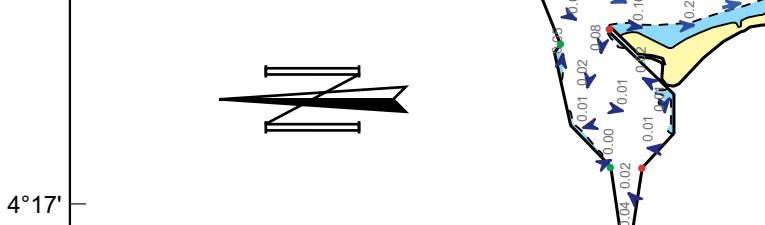
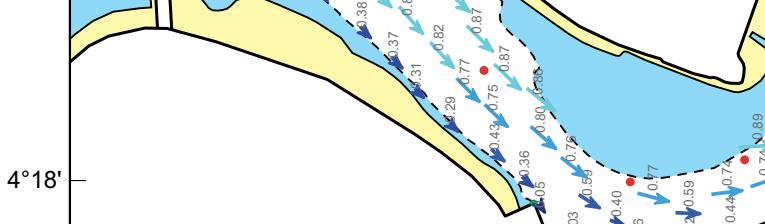
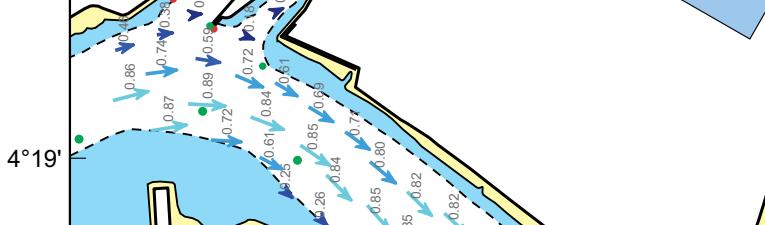
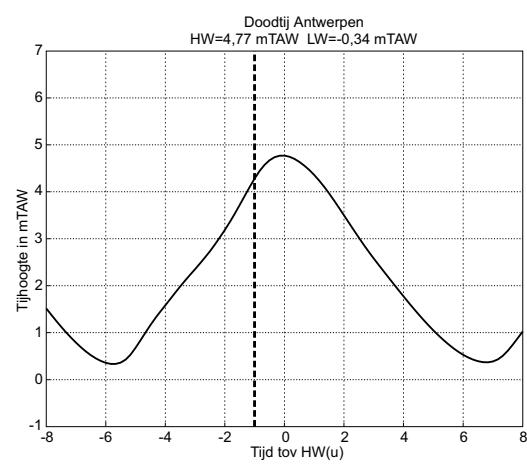
## vak Antwerpen - Boudewijnsluis

Doodtij : 1u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW

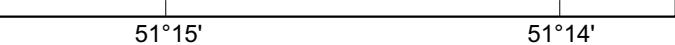


→ 1 m/s  
→ 1 kn  
Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,72m onder TAW)

dijk  
slik  
5 m

200m 0 200 400 600 800m



# STROOMATLAS BENEDEN ZEESCHELDE

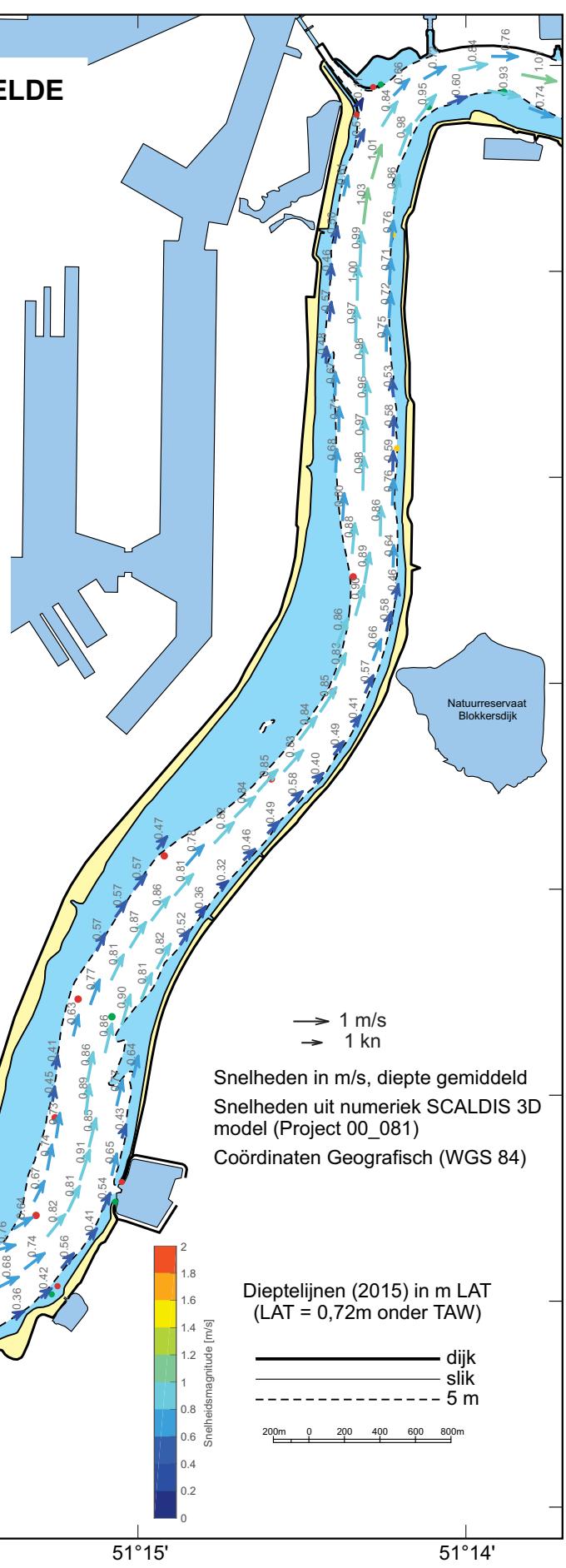
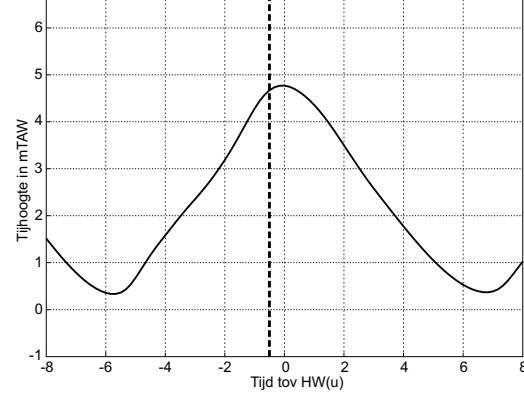
## vak Antwerpen - Boudewijnsluis

Doodtij : 0u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW



# STROOMATLAS BENEDEN ZEESCHELDE

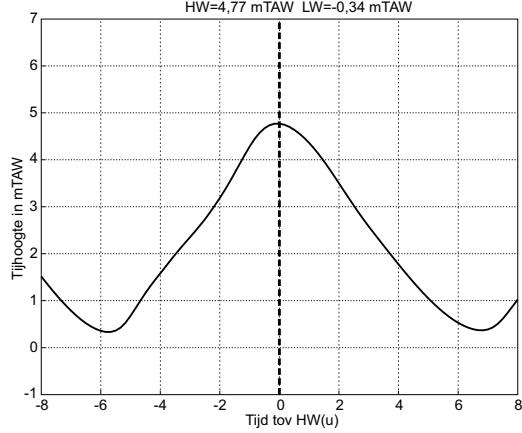
## vak Antwerpen - Boudewijnsluis

Doodtij : HW  
te Antwerpen

Flanders  
Hydraulics Research



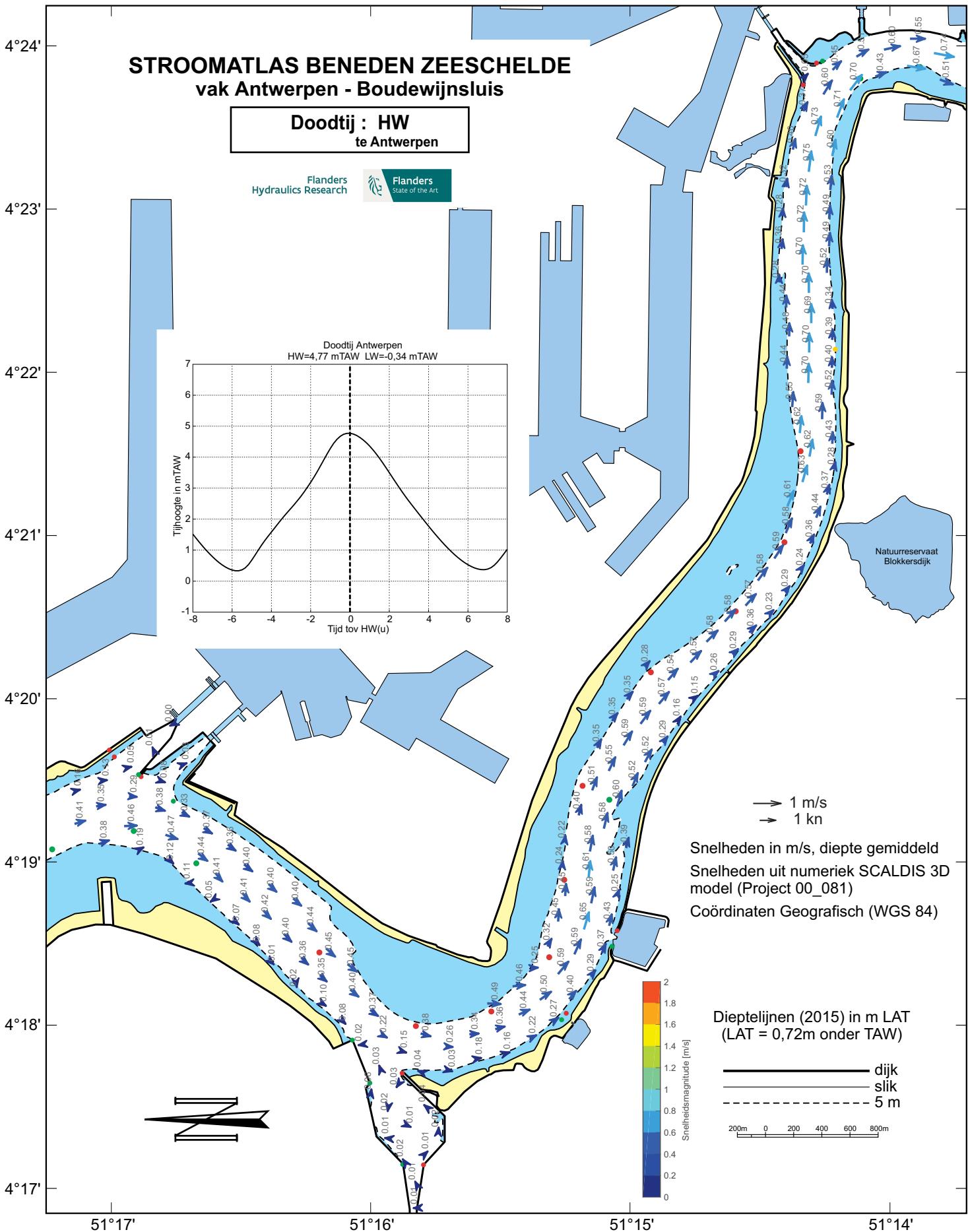
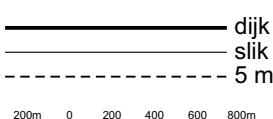
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HW=4,77 mTAW LW=-0,34 mTAW



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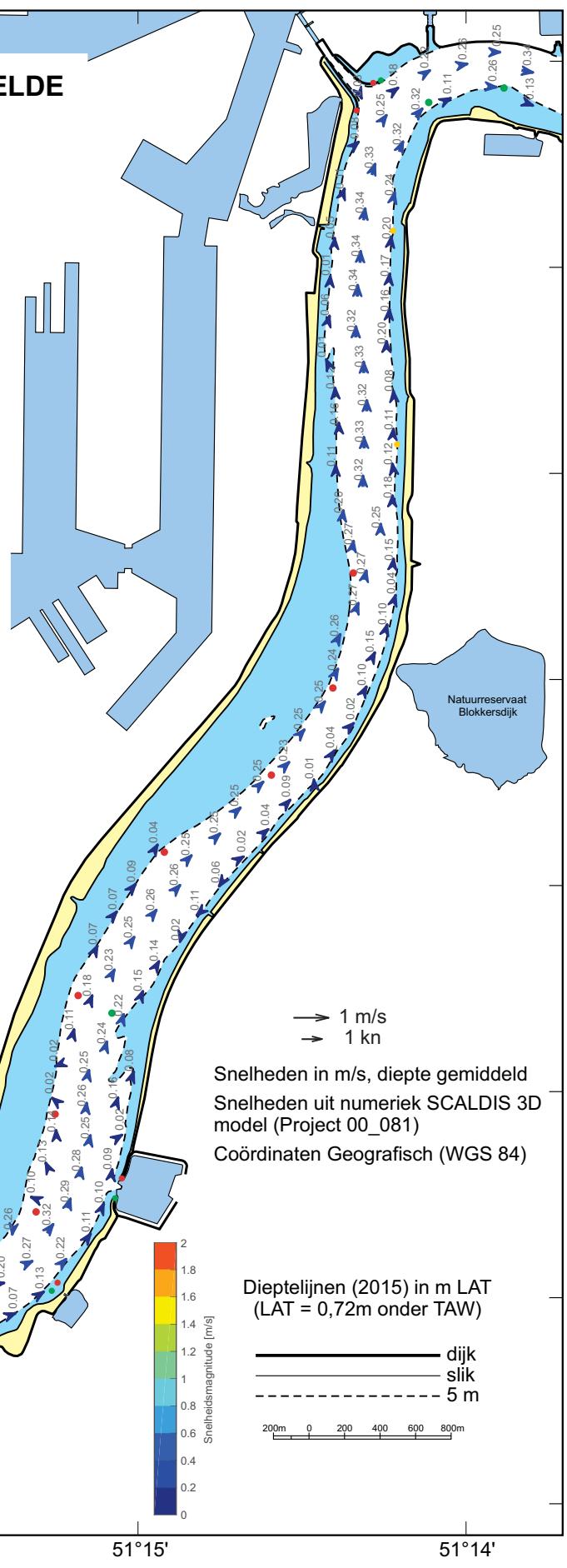
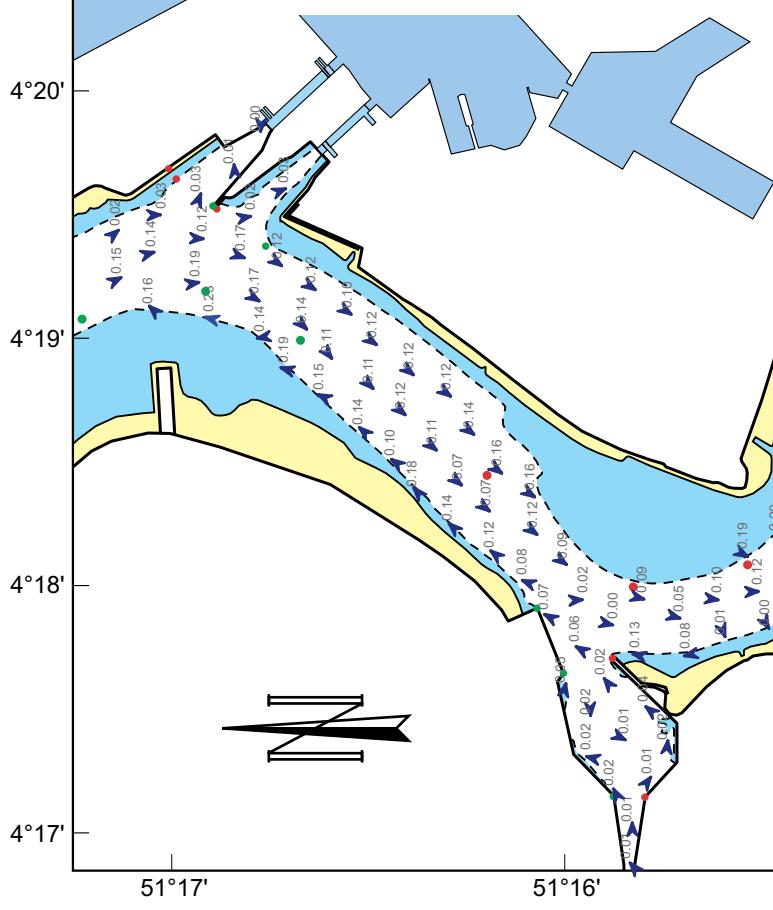
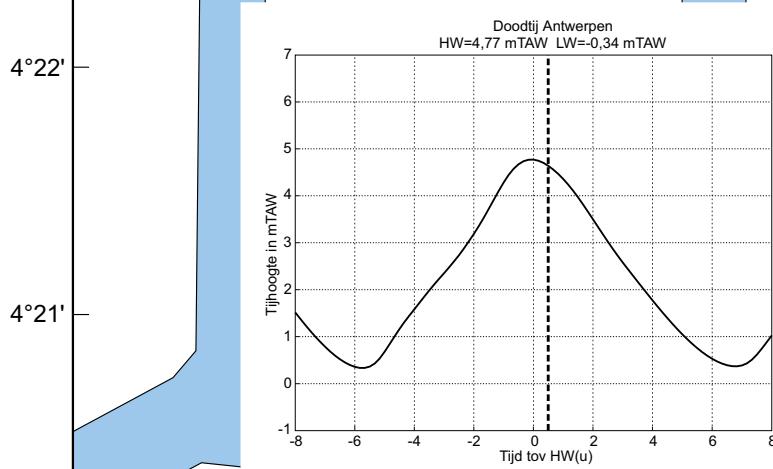


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Doodtij : 0u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research



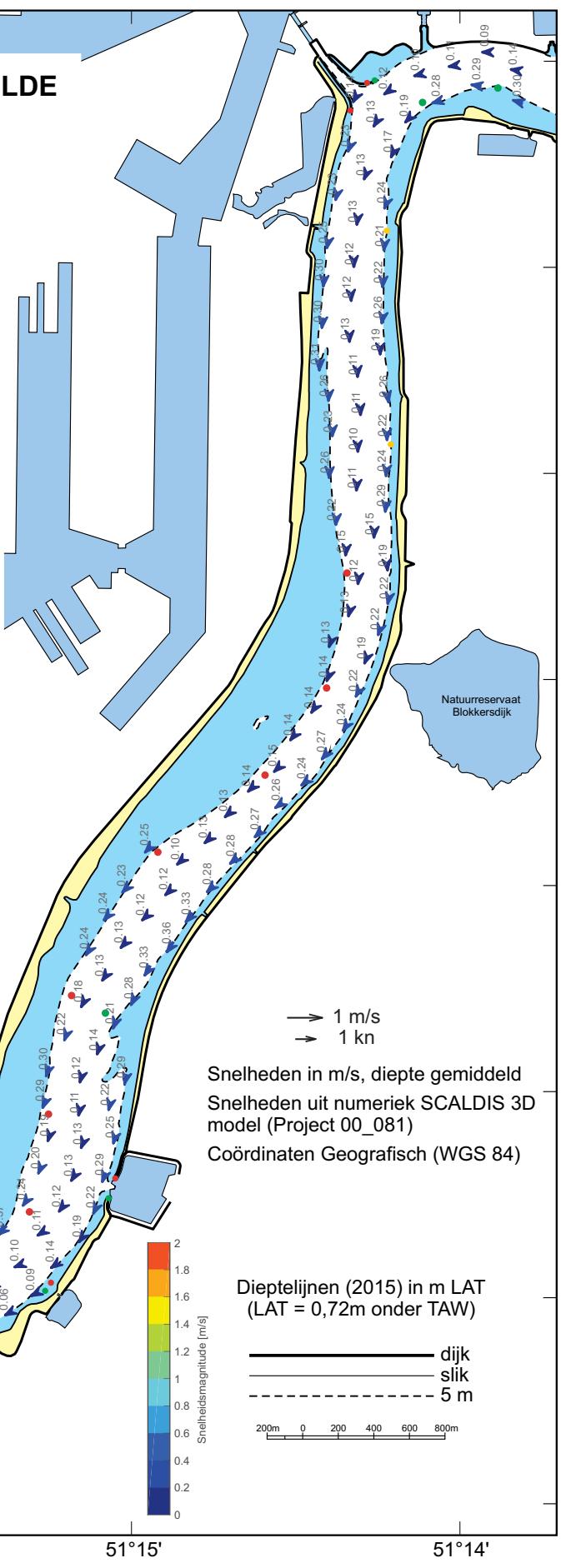
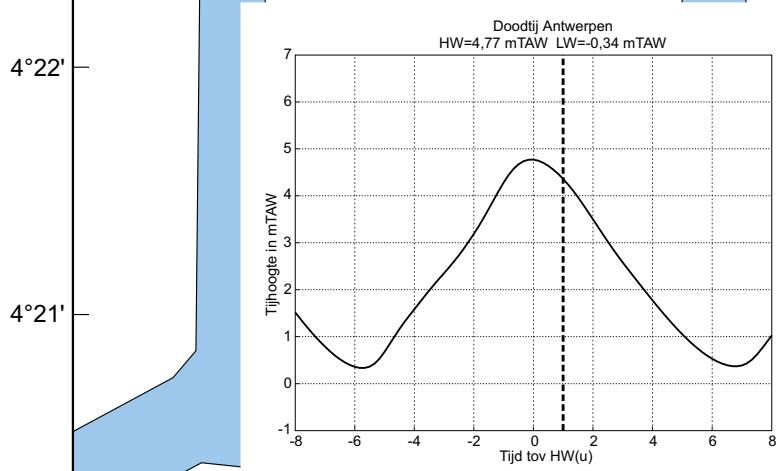
# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Doodtij : 1u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

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State of the Art



# STROOMATLAS BENEDEN ZEESCHELDE

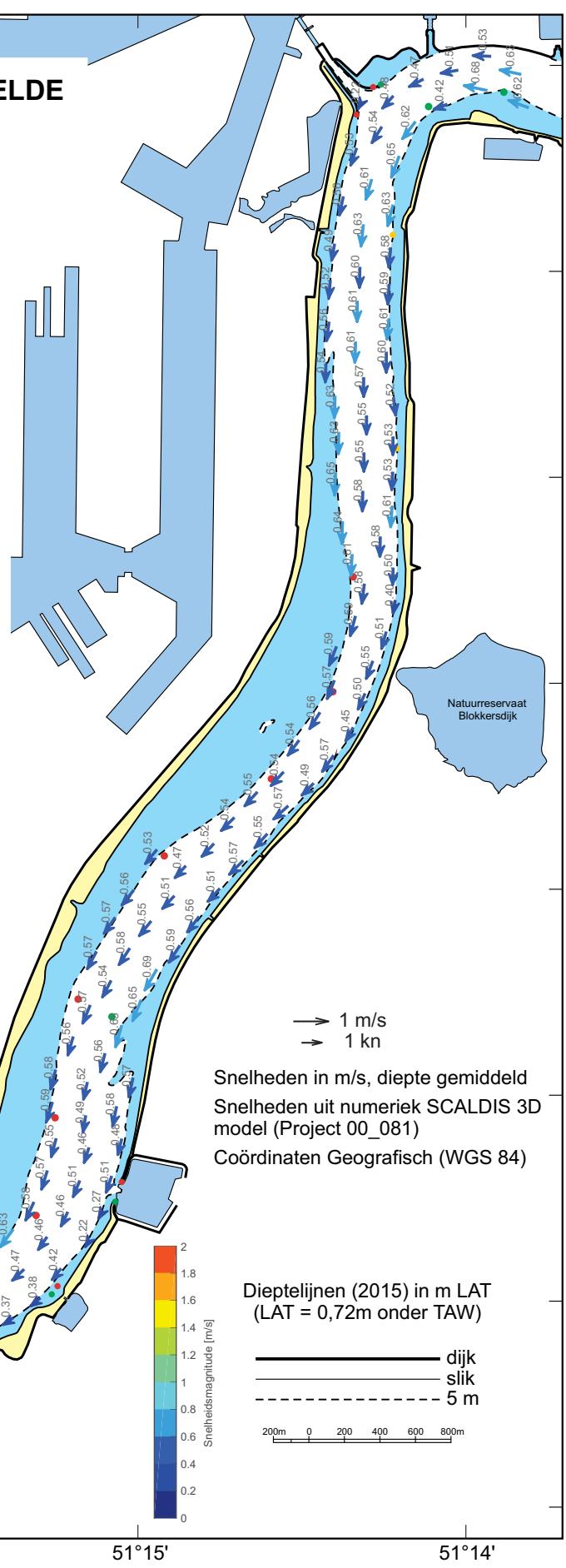
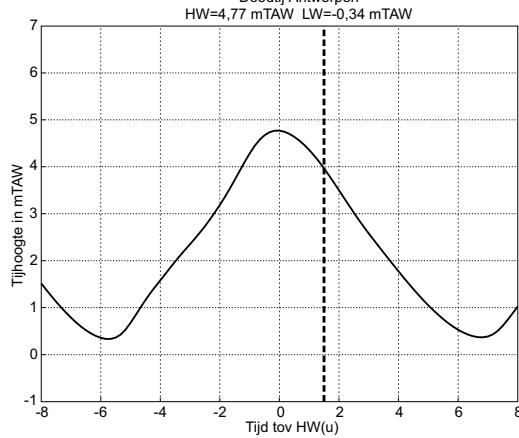
## vak Antwerpen - Boudewijnsluis

Doodtij : 1u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research



Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW



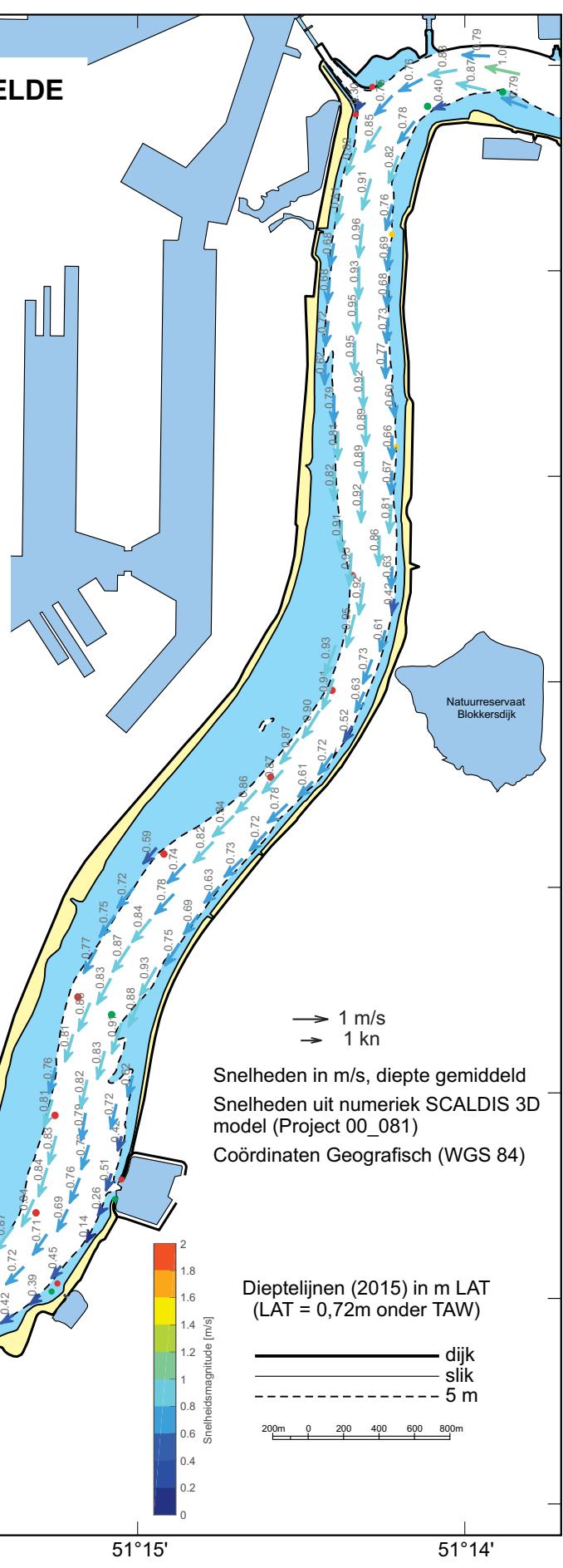
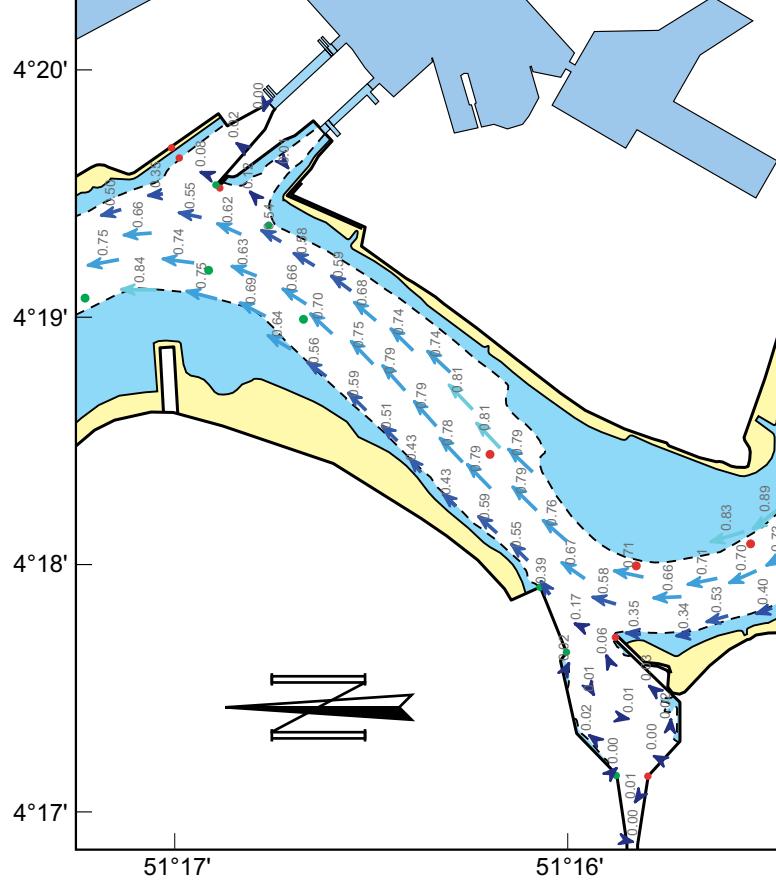
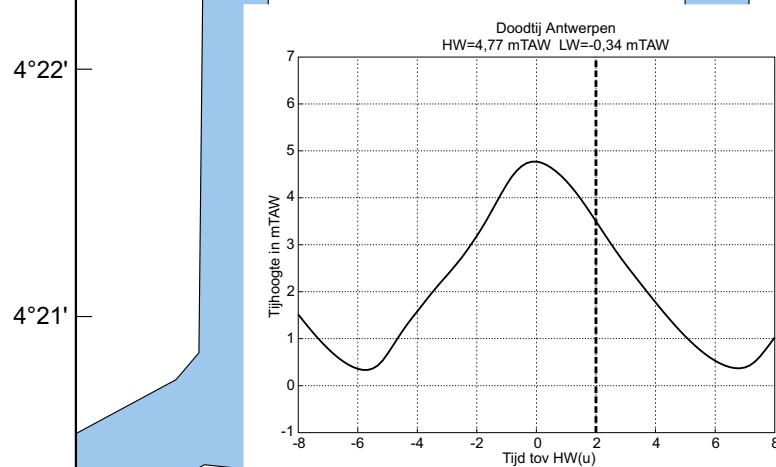
# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Doodtij : 2u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

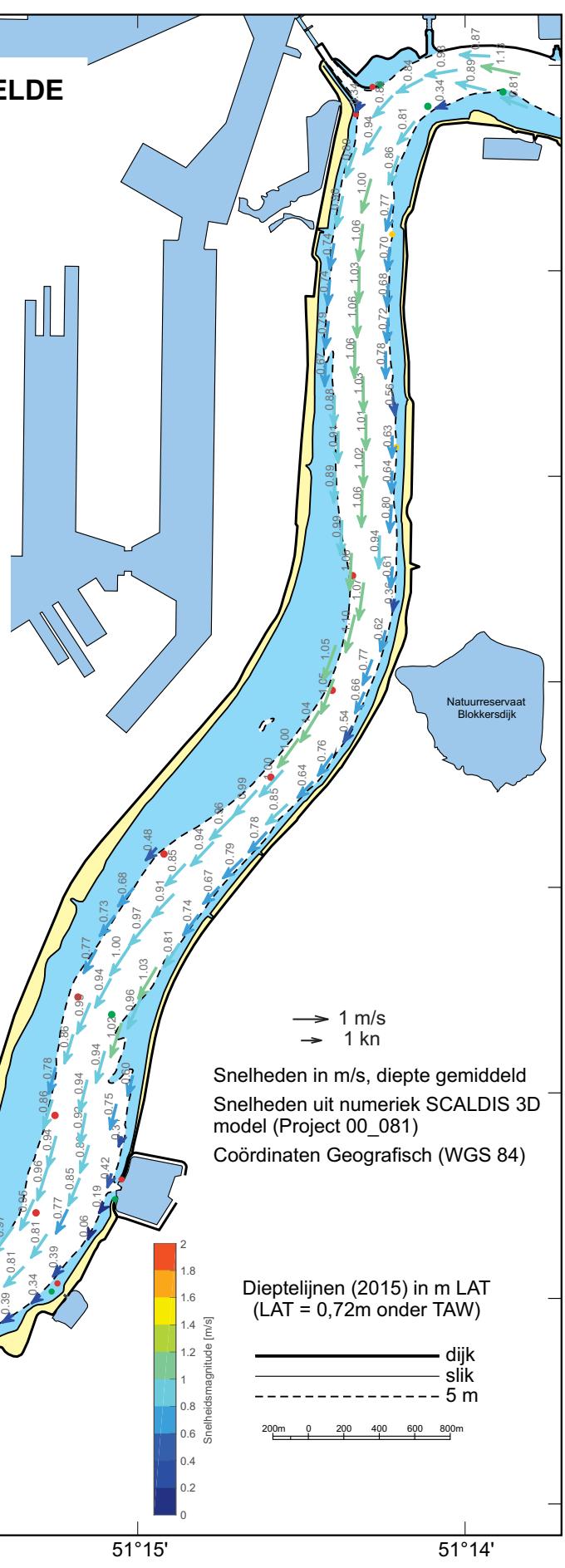
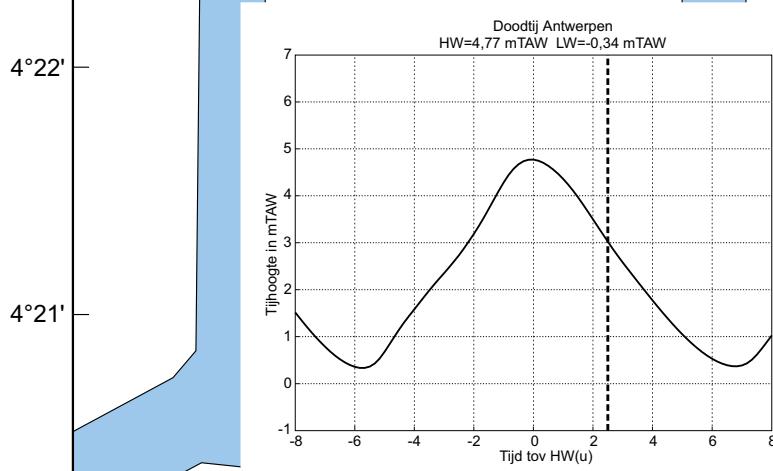


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Doodtij : 2u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

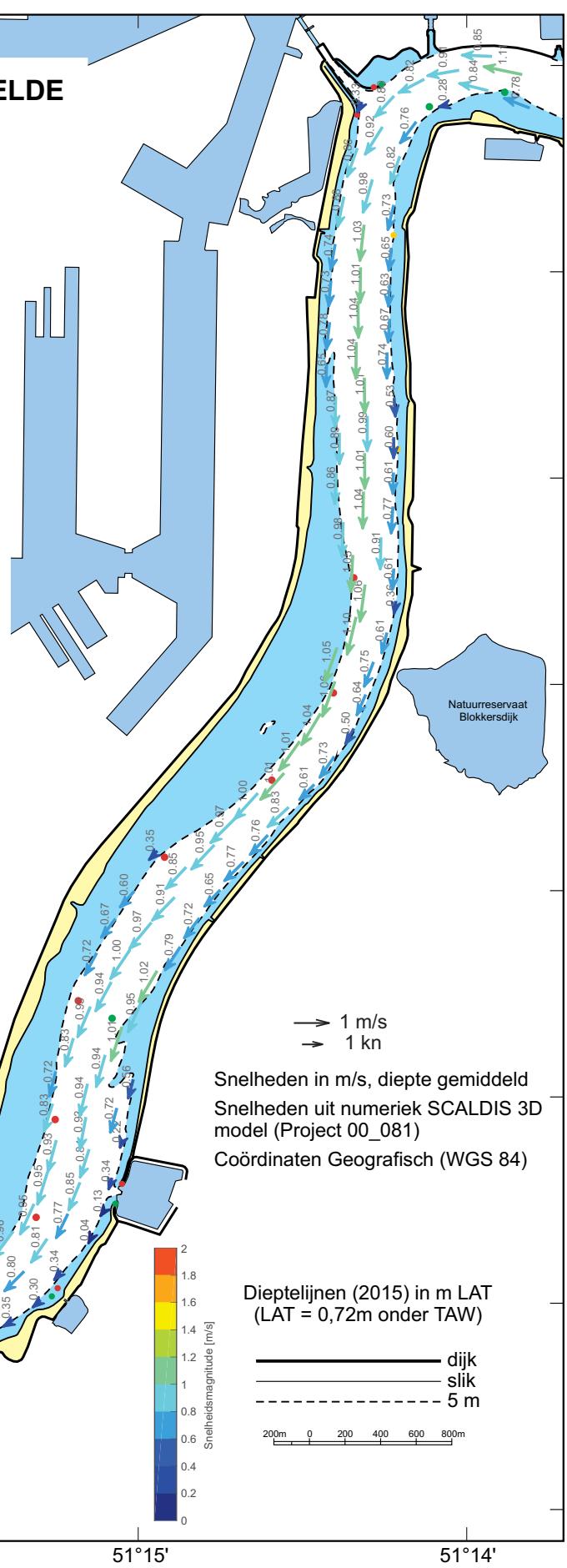
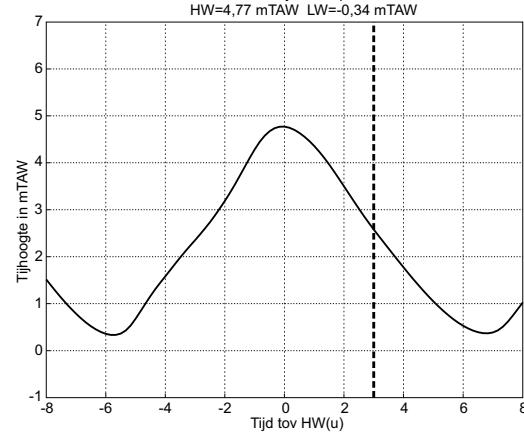
## vak Antwerpen - Boudewijnsluis

Doodtij : 3u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research



Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW



# STROOMATLAS BENEDEN ZEESCHELDE

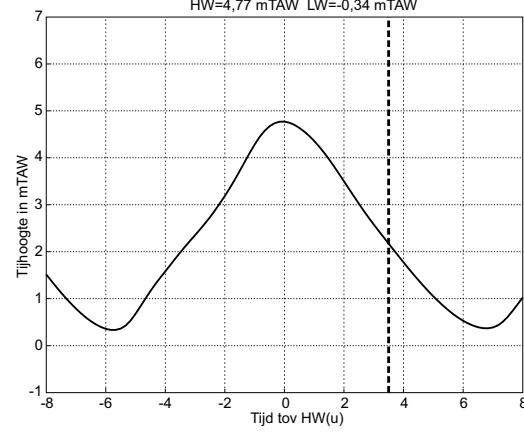
## vak Antwerpen - Boudewijnsluis

Doodtij : 3u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

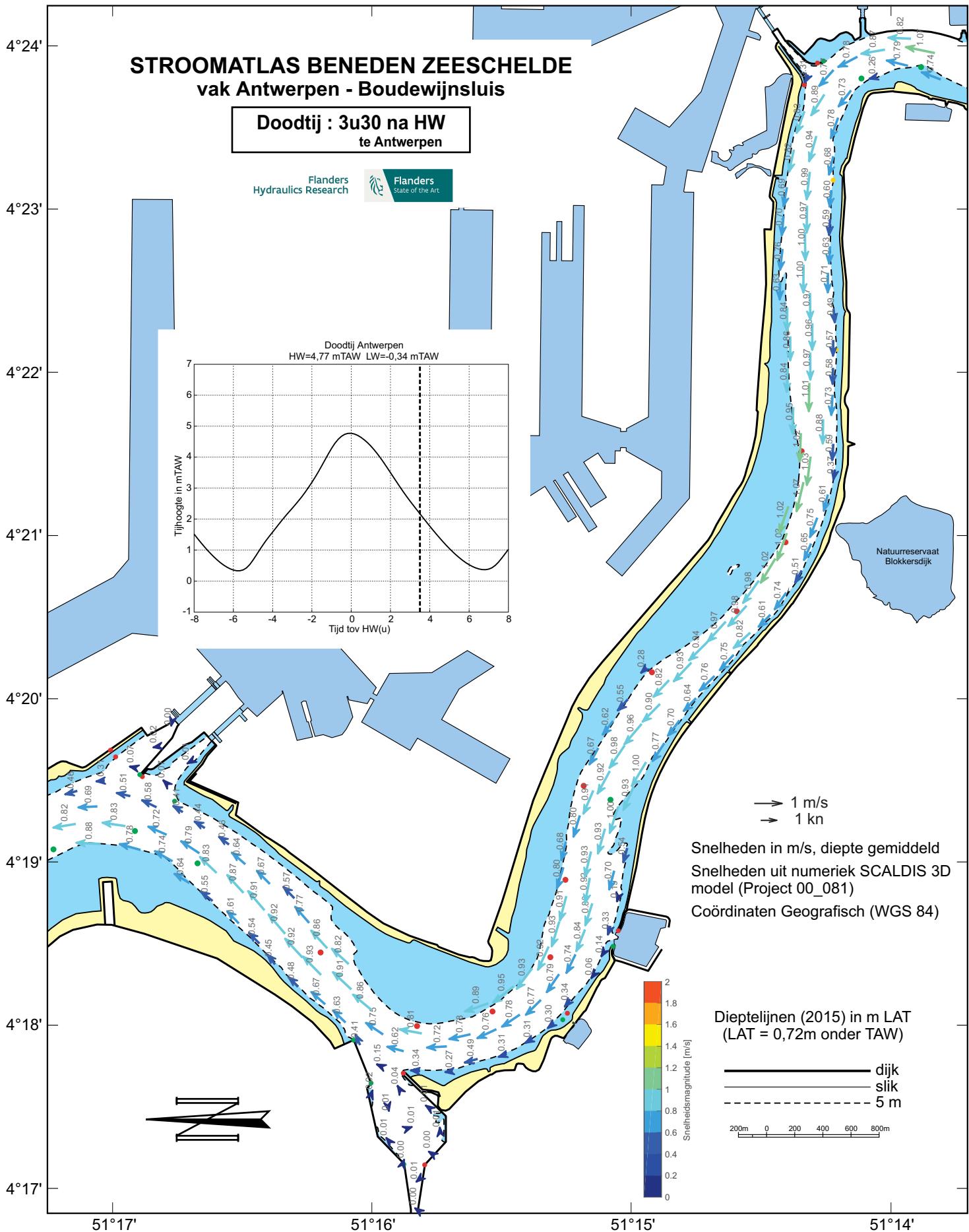
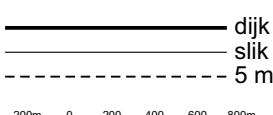
Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW



→ 1 m/s  
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Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
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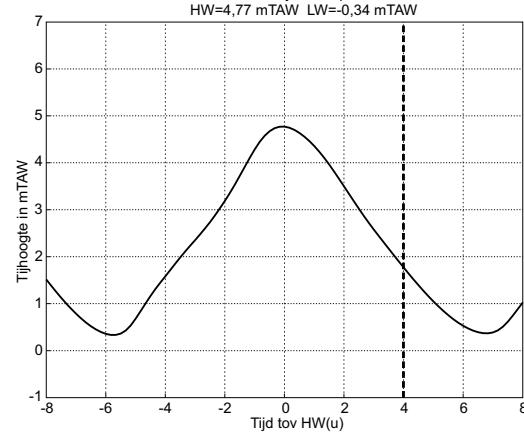
## vak Antwerpen - Boudewijnsluis

Doodtij : 4u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

Flanders  
State of the Art

Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW



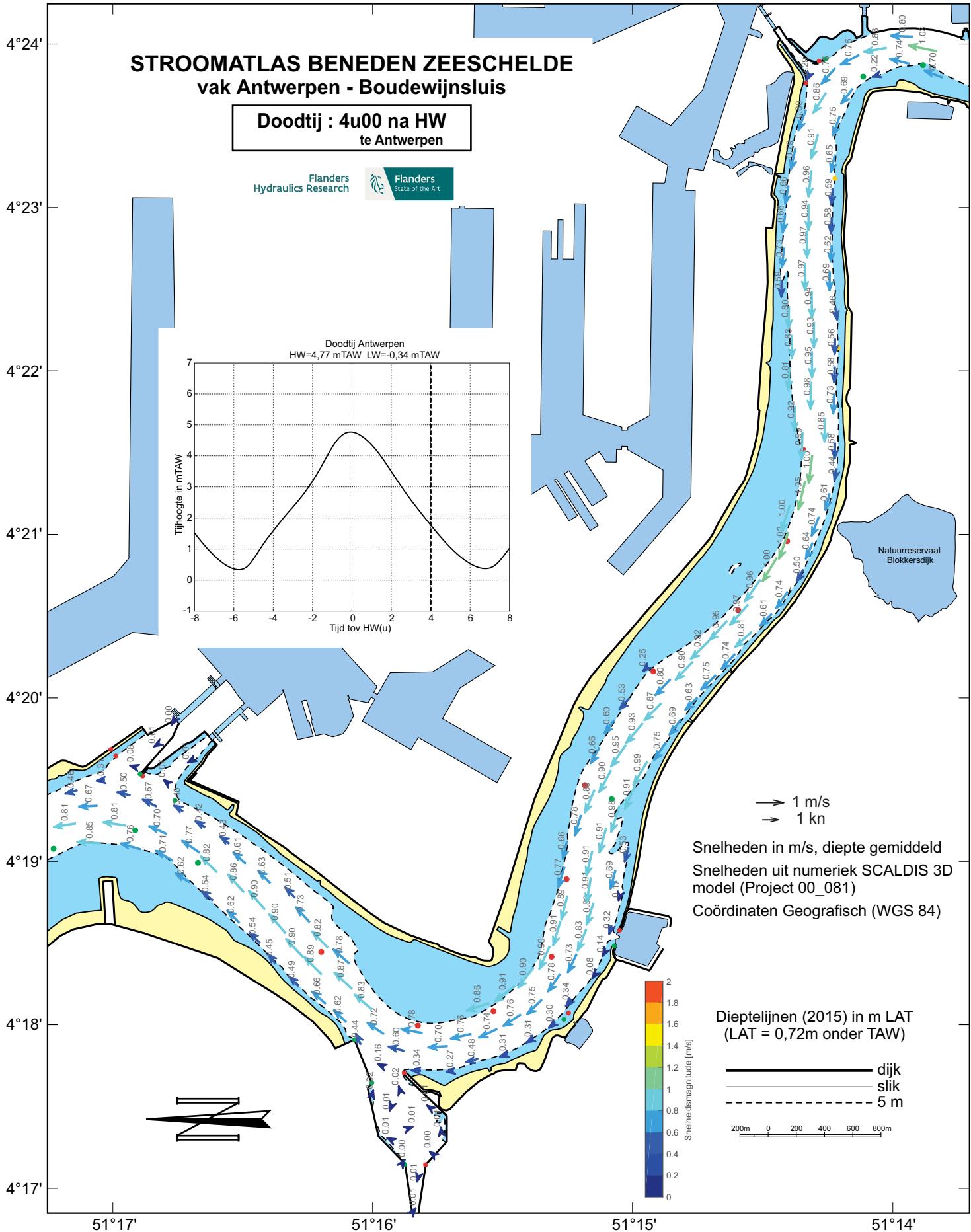
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,72m onder TAW)

dijk  
slik  
5 m

200m 0 200 400 600 800m



# STROOMATLAS BENEDEN ZEESCHELDE

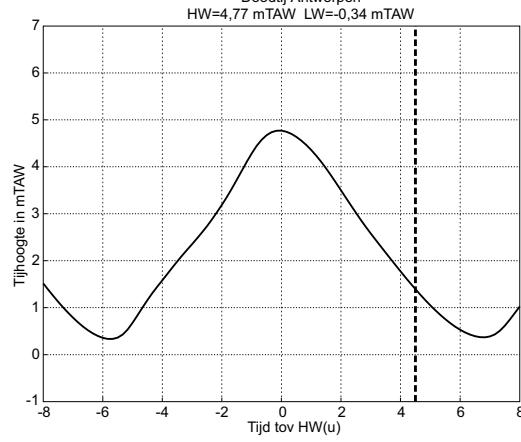
## vak Antwerpen - Boudewijnsluis

Doodtij : 4u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

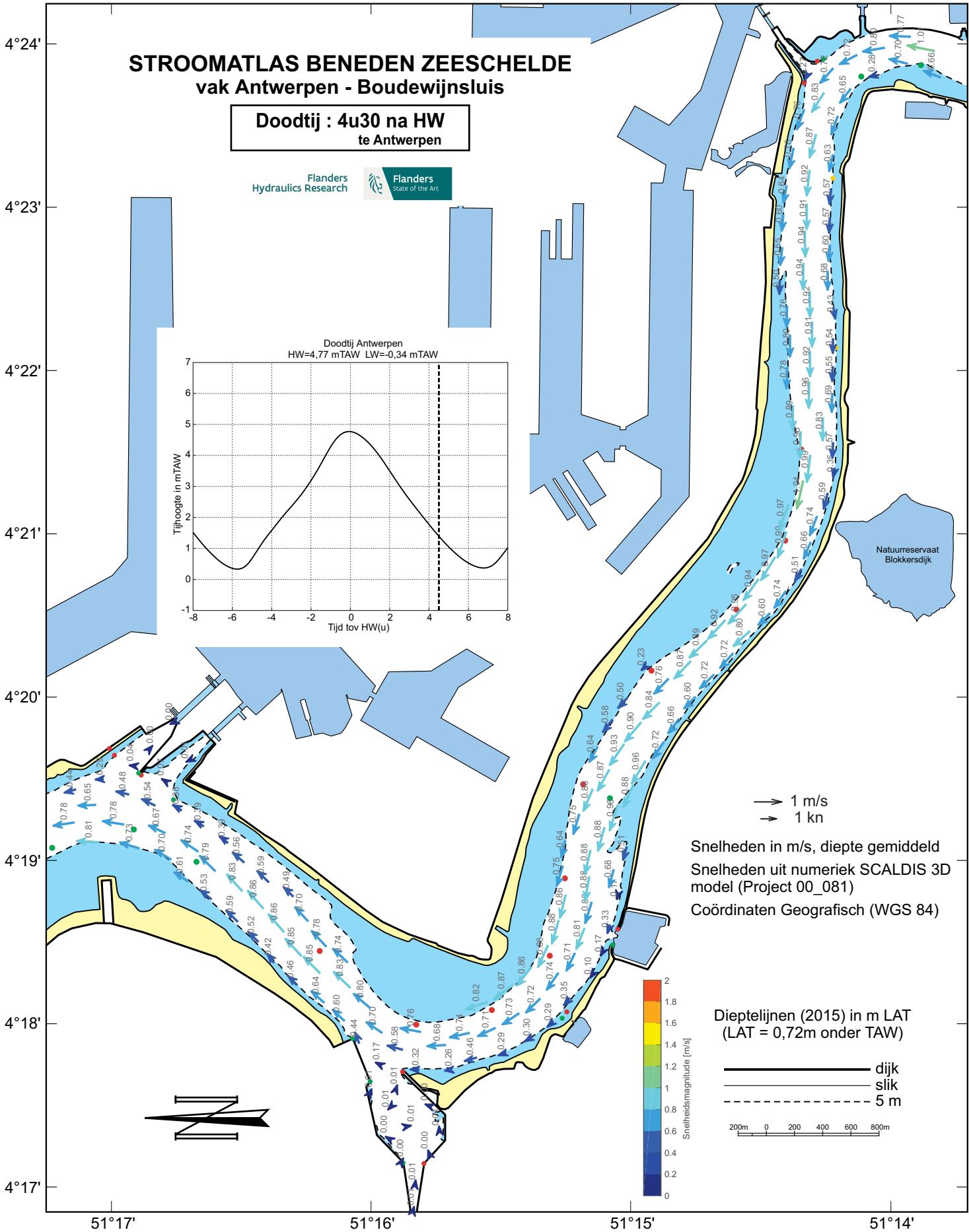
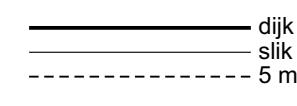


Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW



→ 1 m/s  
→ 1 kn  
Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D  
model (Project 00\_081)  
Coördinaten Geografisch (WGS 84)

Dieptelijnen (2015) in m LAT  
(LAT = 0,72m onder TAW)



# STROOMATLAS BENEDEN ZEESCHELDE

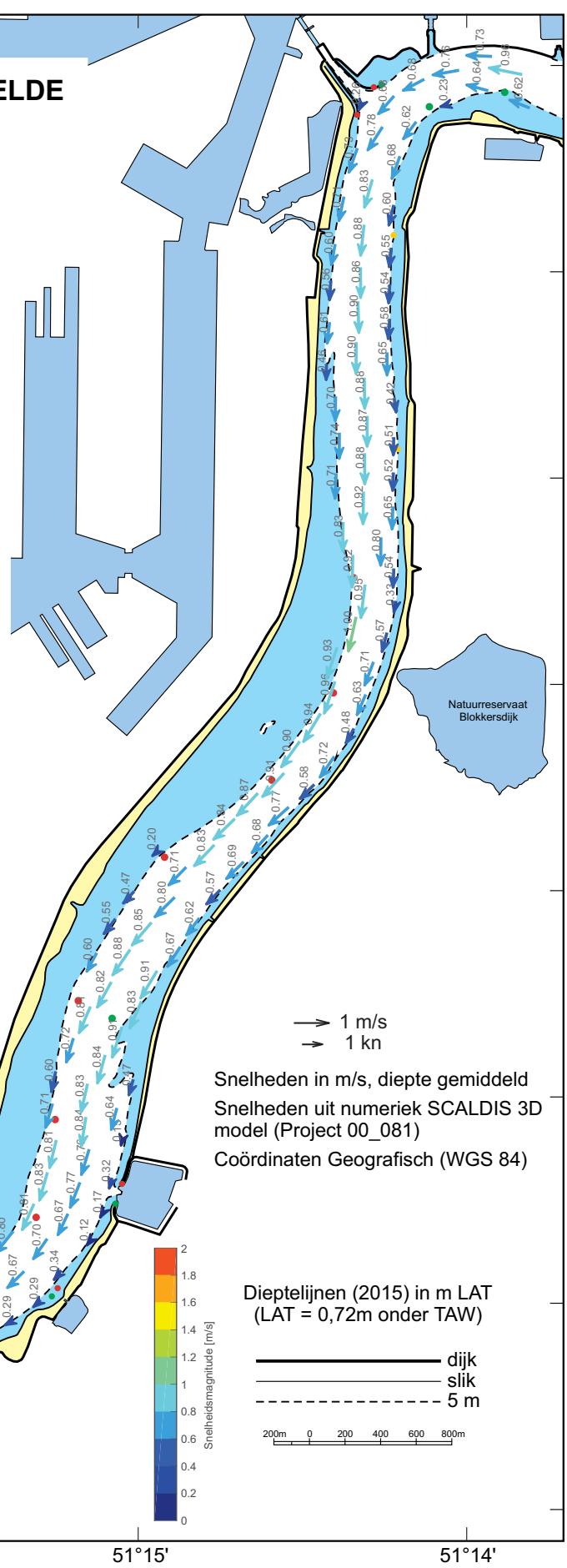
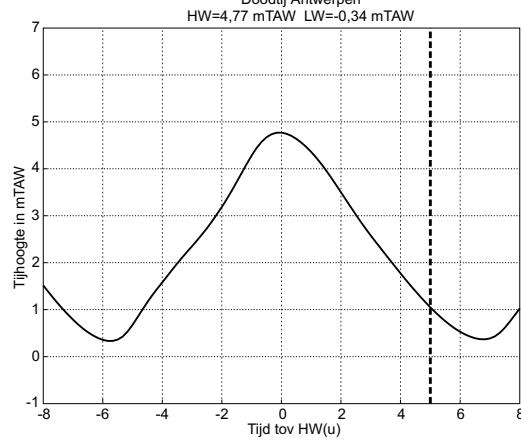
## vak Antwerpen - Boudewijnsluis

Doodtij : 5u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research



Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW



# STROOMATLAS BENEDEN ZEESCHELDE

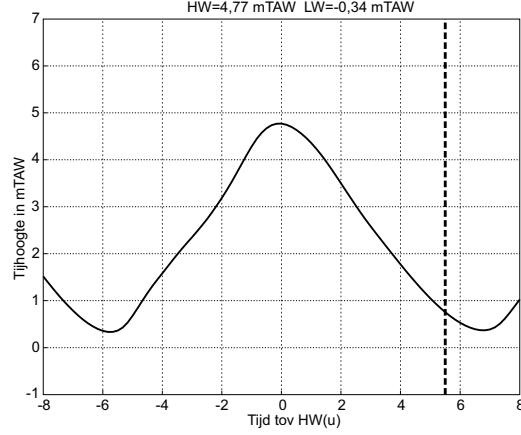
## vak Antwerpen - Boudewijnsluis

Doodtij : 5u30 na HW  
te Antwerpen

Flanders  
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State of the Art

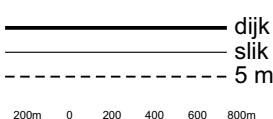
Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW



→ 1 m/s  
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Snelheden in m/s, diepte gemiddeld  
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Dieptelijnen (2015) in m LAT  
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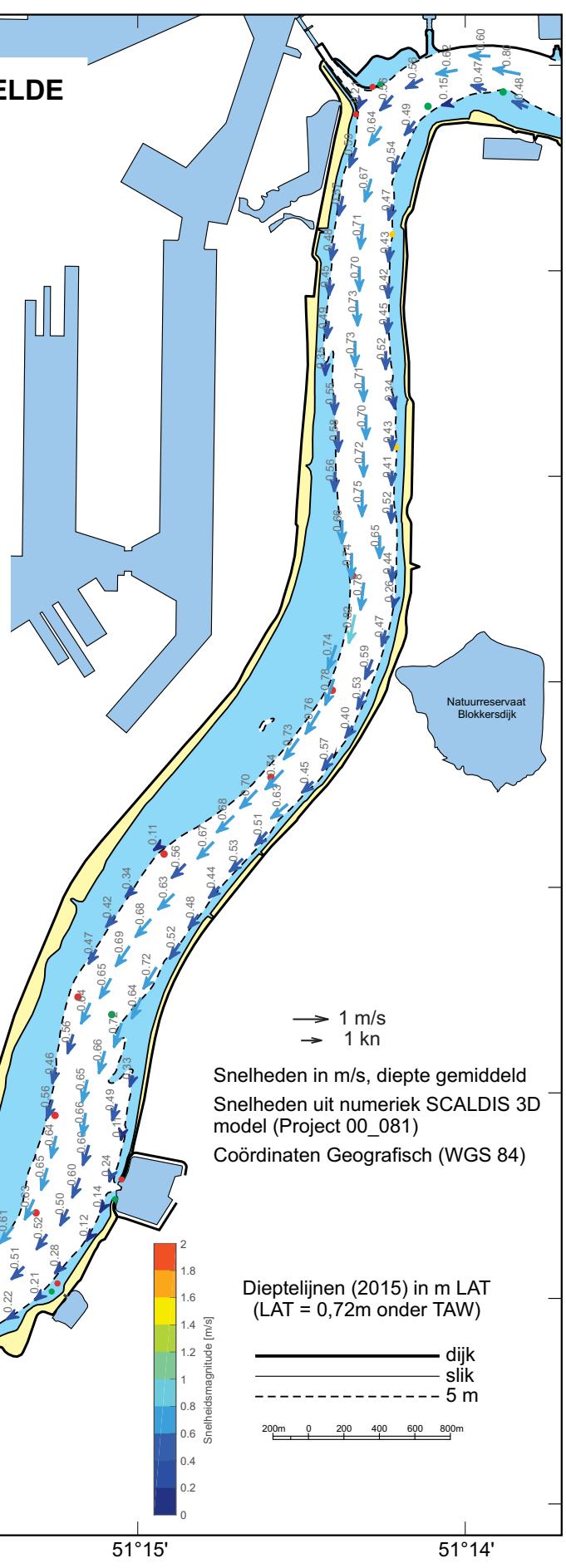
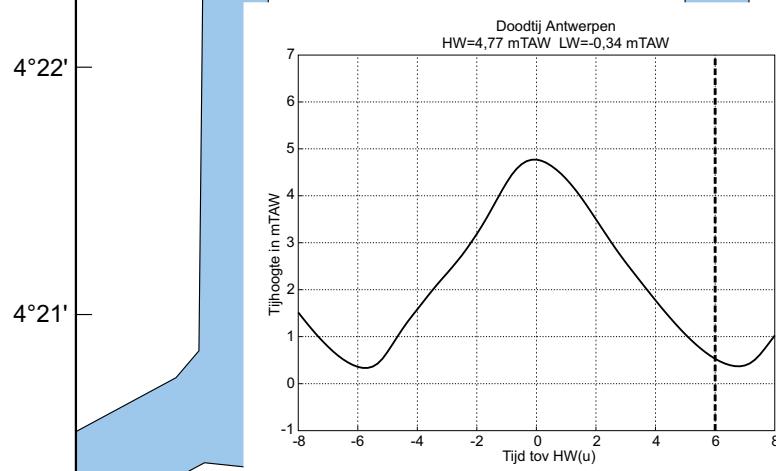
200m 0 200 400 600 800m

# STROOMATLAS BENEDEN ZEESCHELDE

## vak Antwerpen - Boudewijnsluis

Doodtij : 6u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

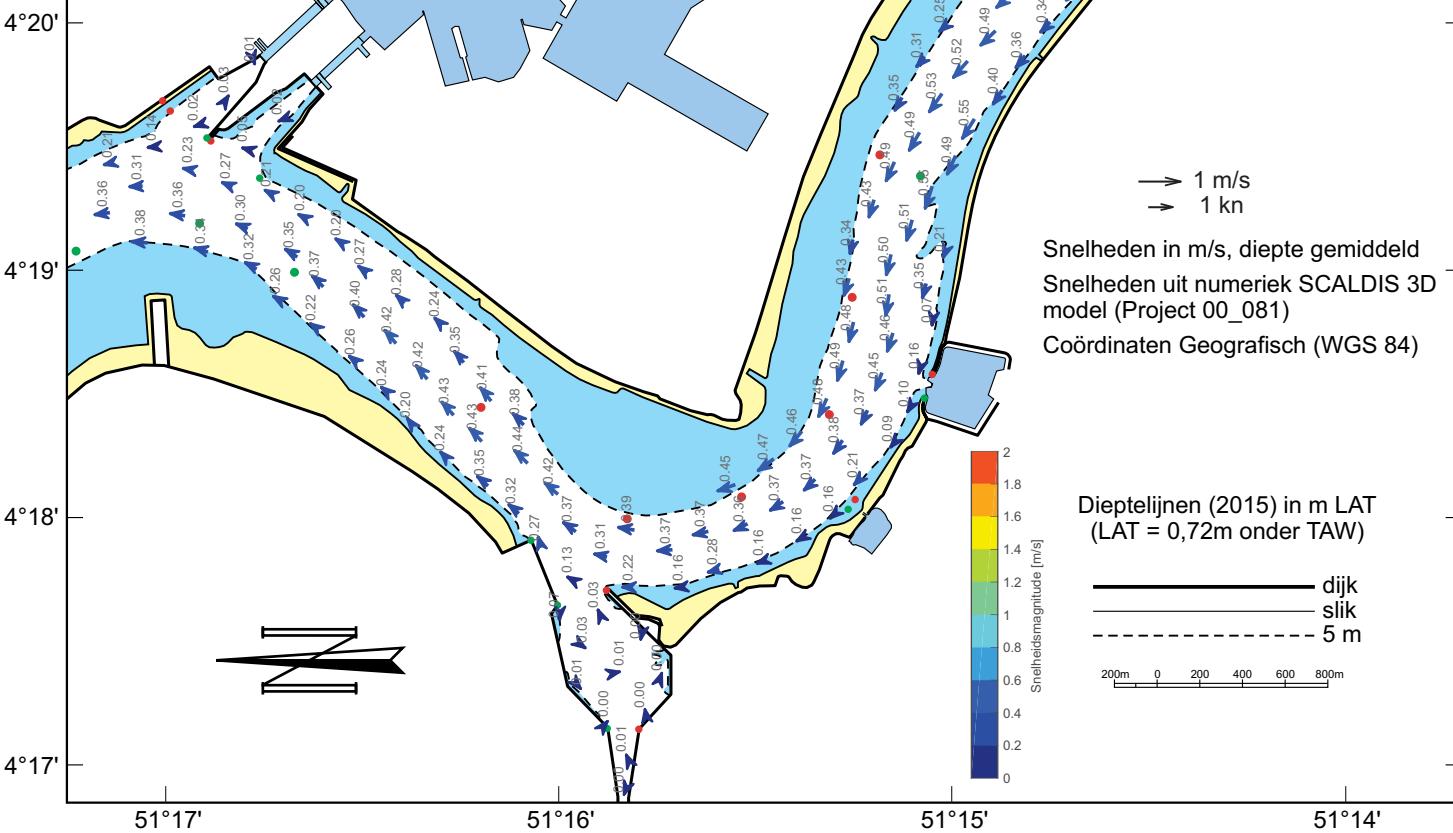
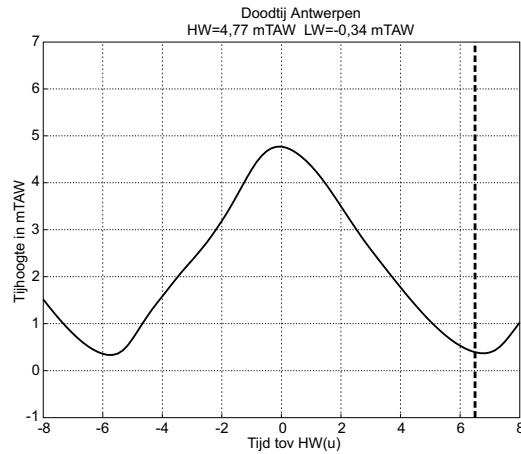
## vak Antwerpen - Boudewijnsluis

Doodtij : 6u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research



Doodtij Antwerpen  
HW=4,77 mTAW LW=-0,34 mTAW



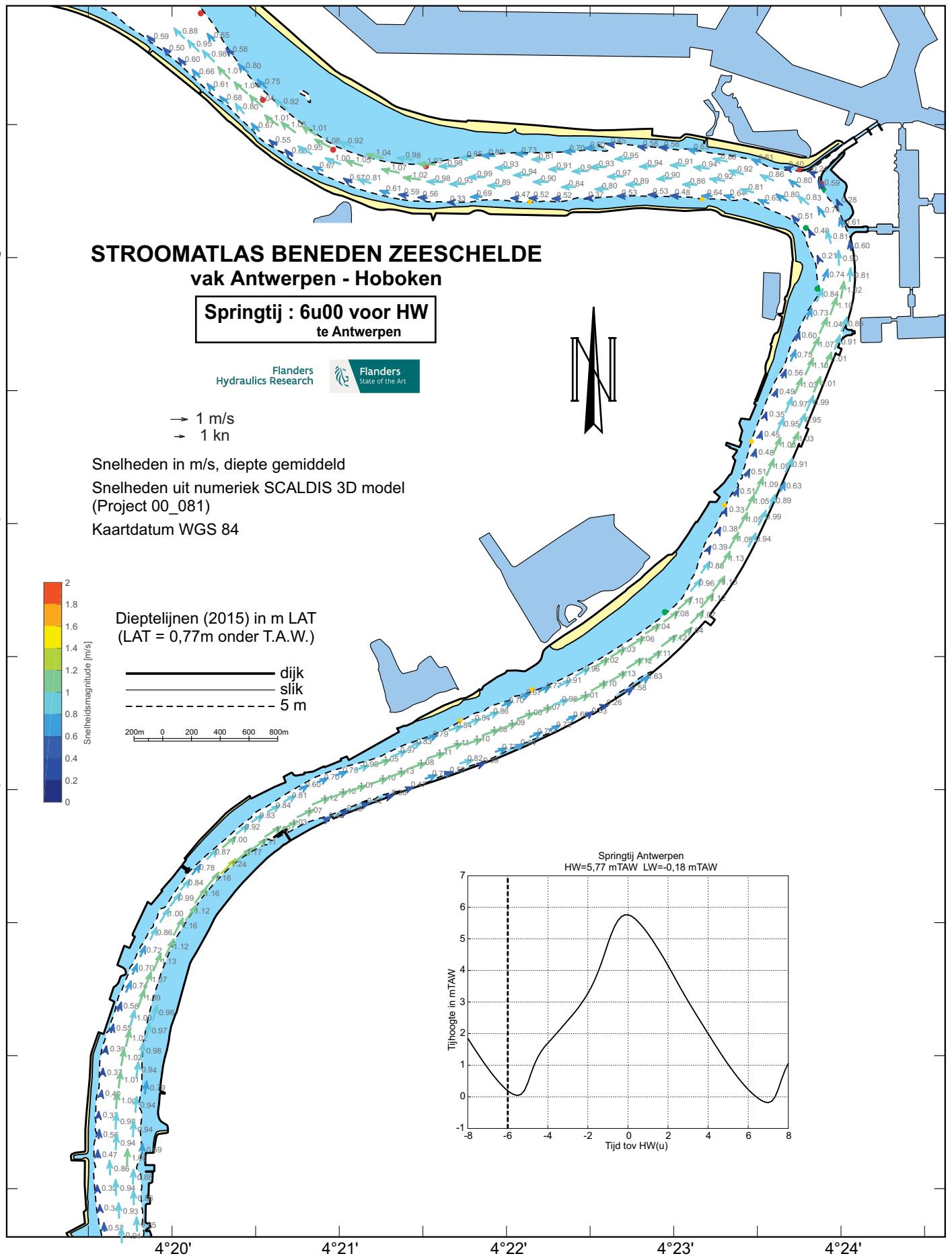


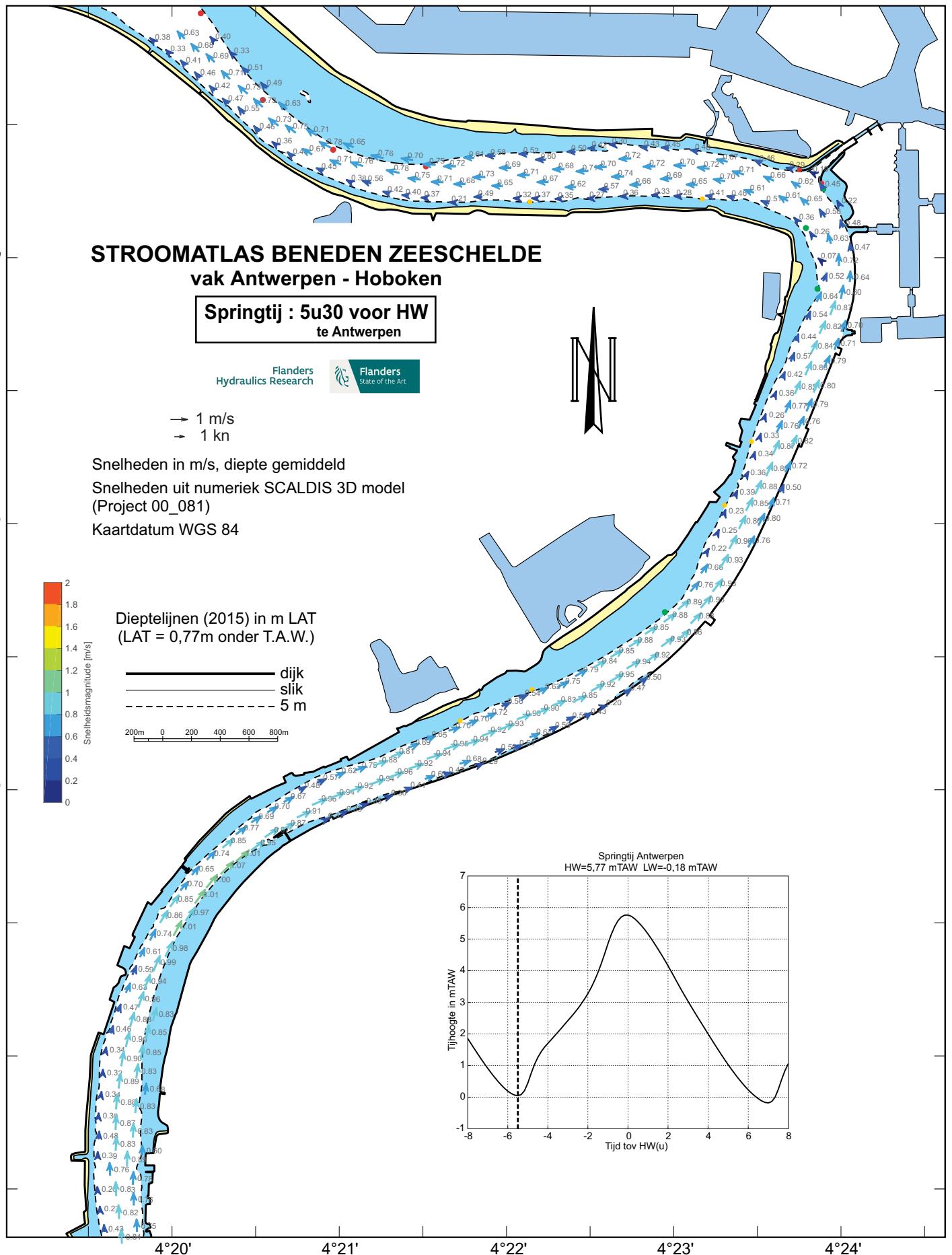
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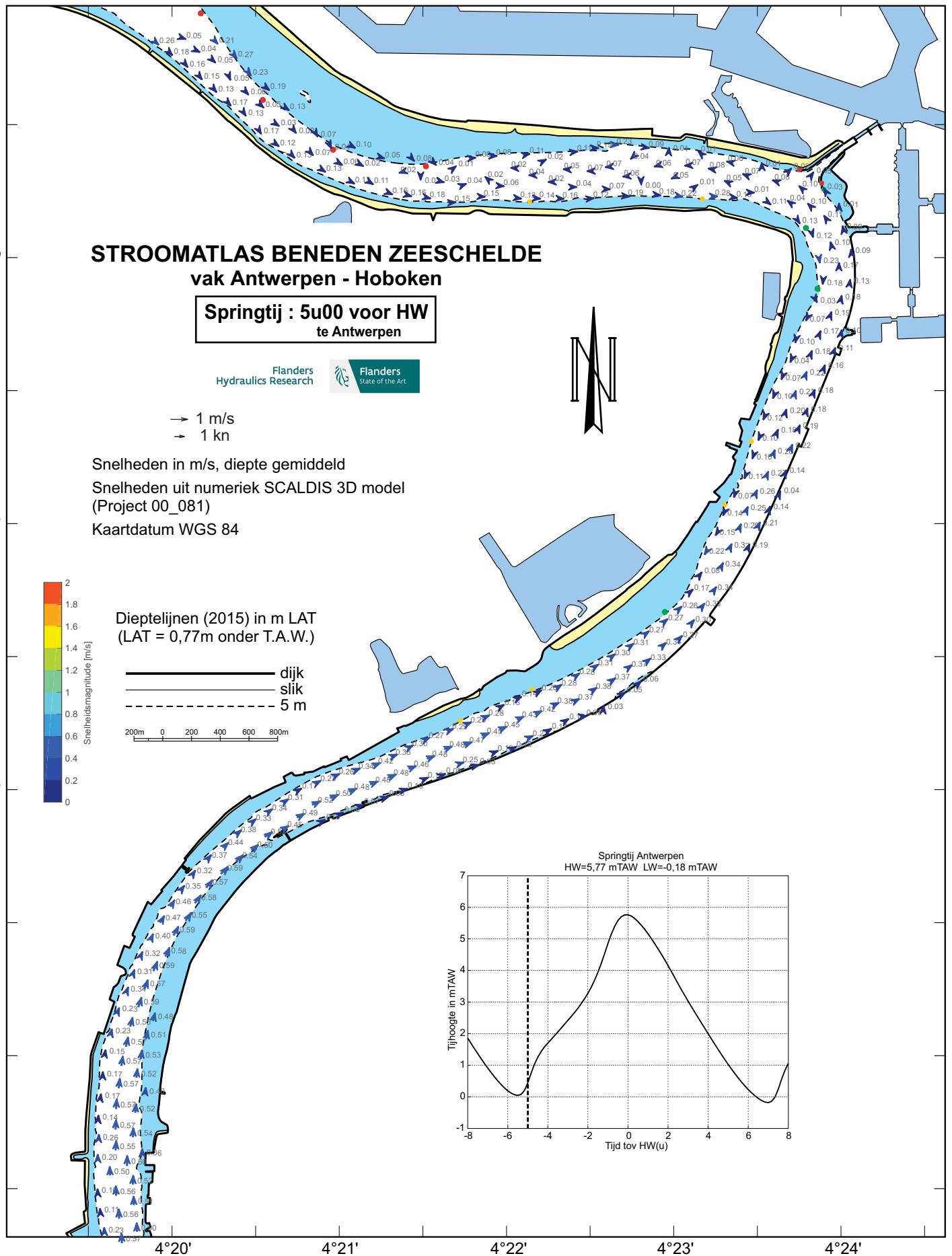
vak Antwerpen - Hoboken

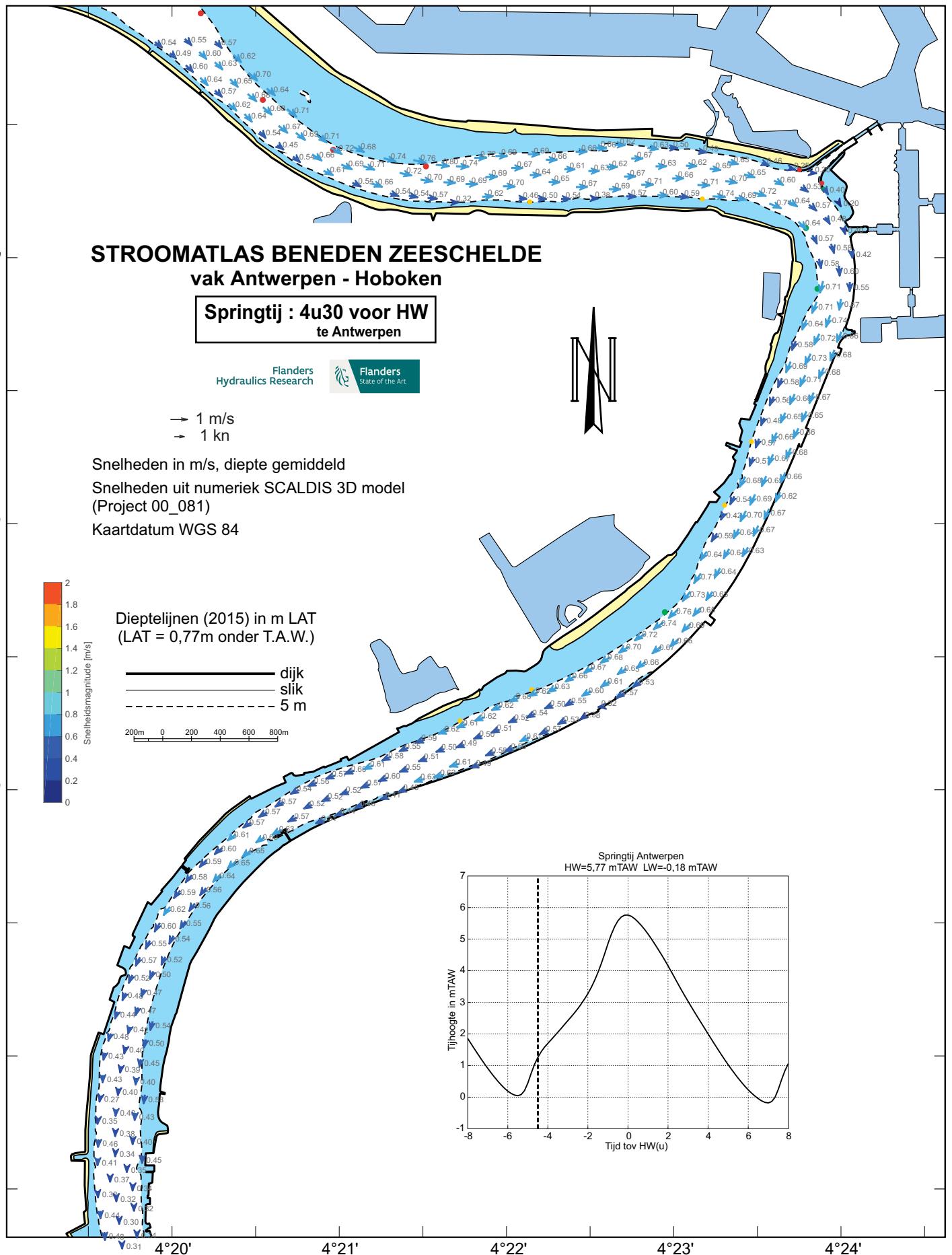
**SPRINGTIJ**

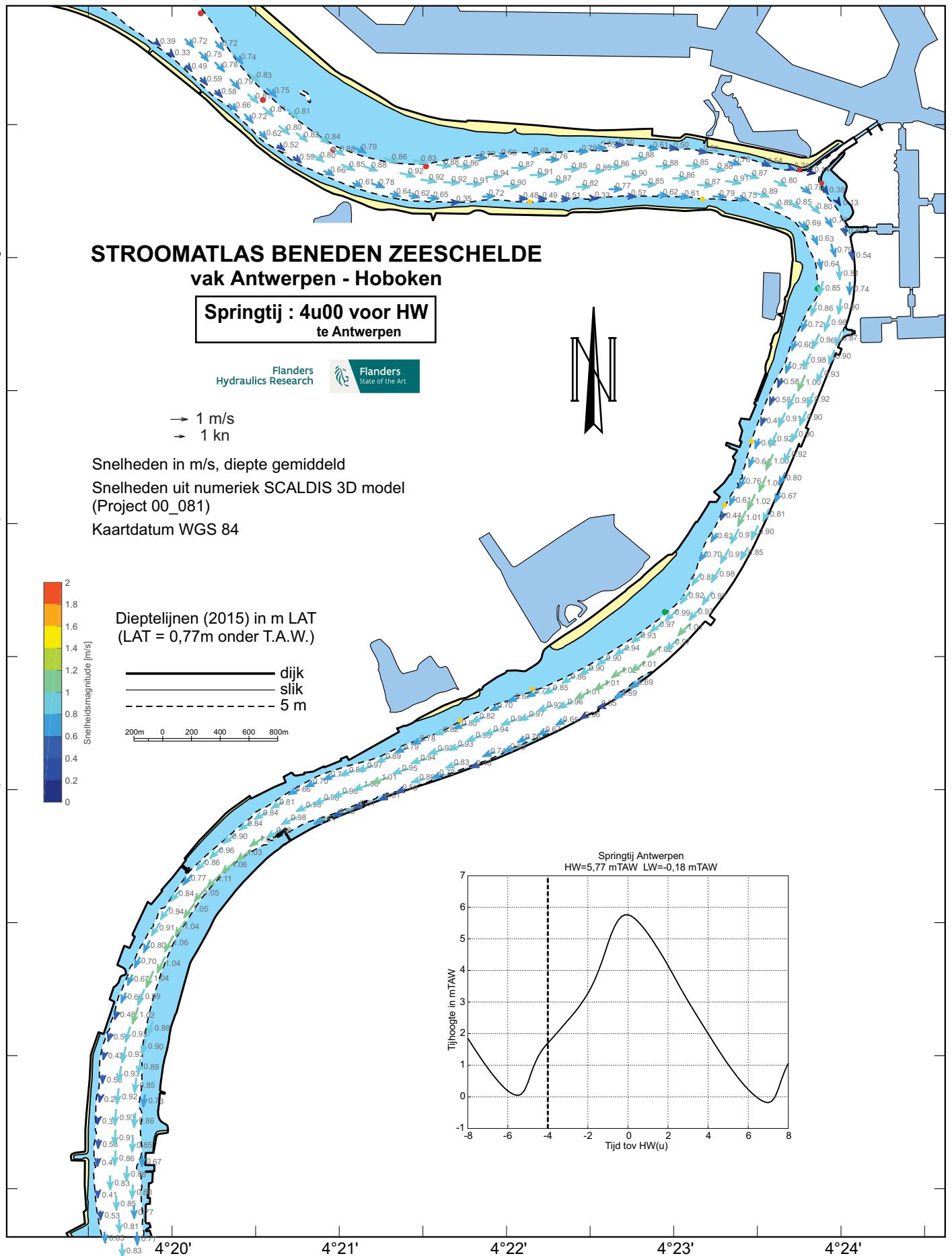
*Vlaamse overheid  
Departement Mobiliteit en Openbare Werken  
Waterbouwkundig Laboratorium*

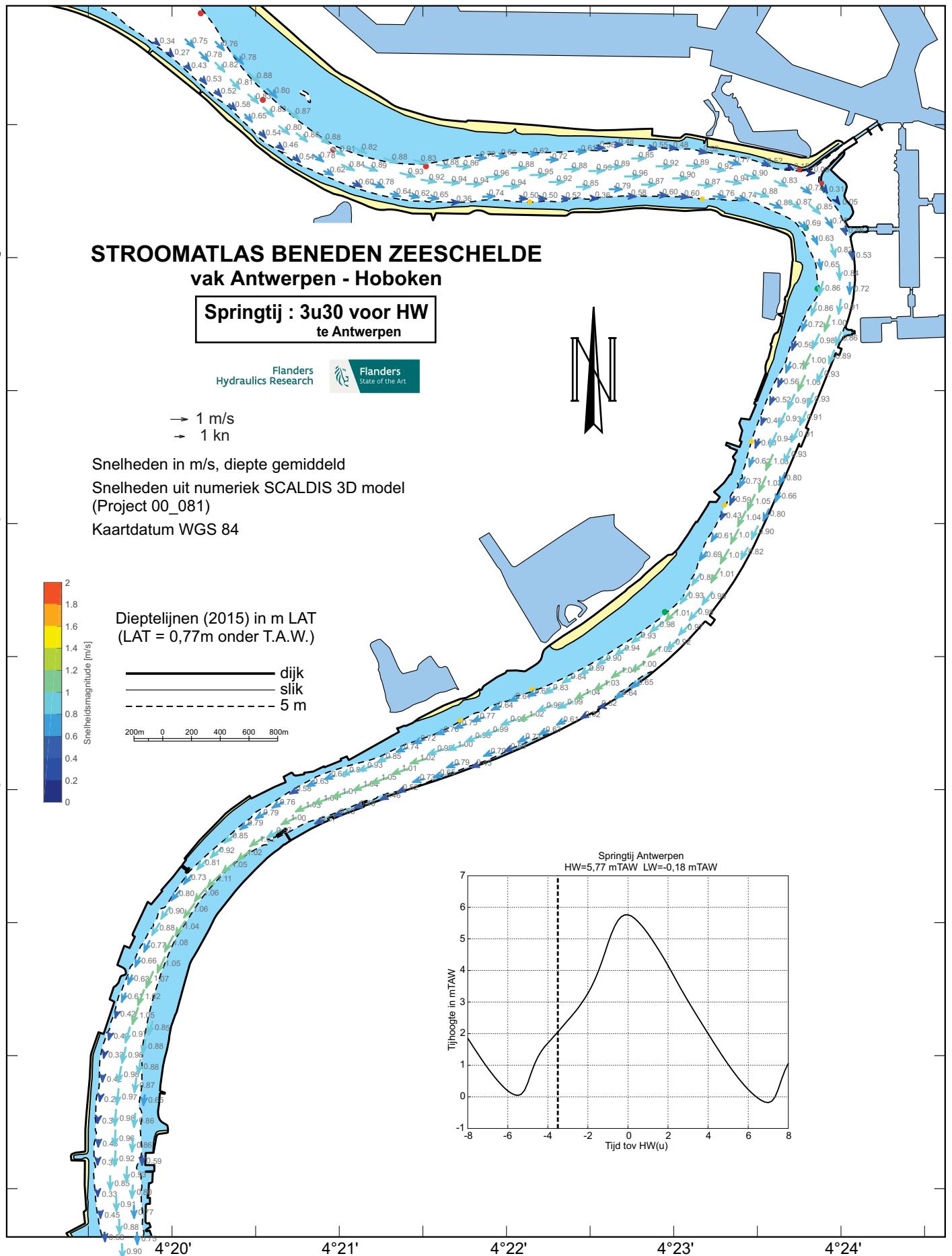


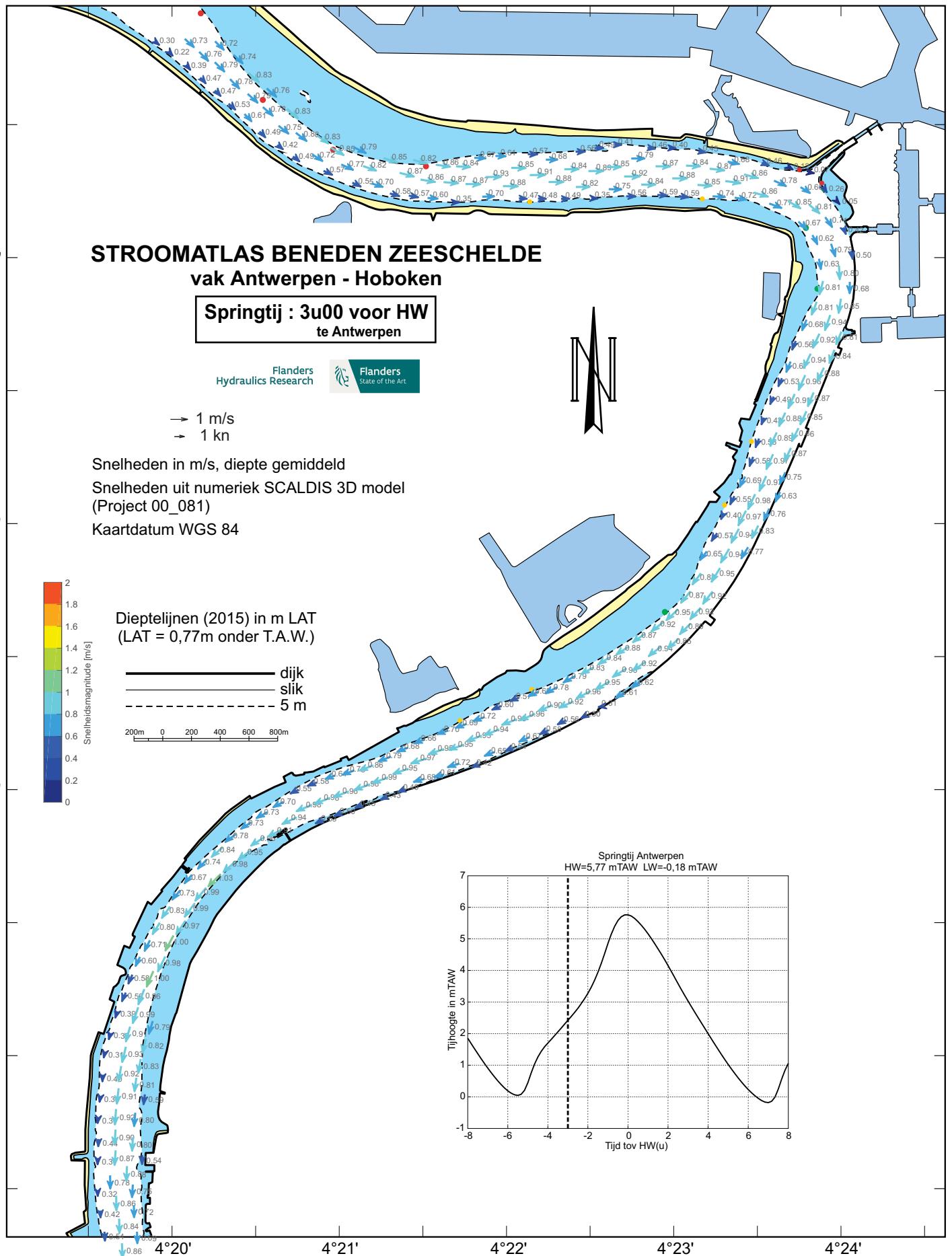


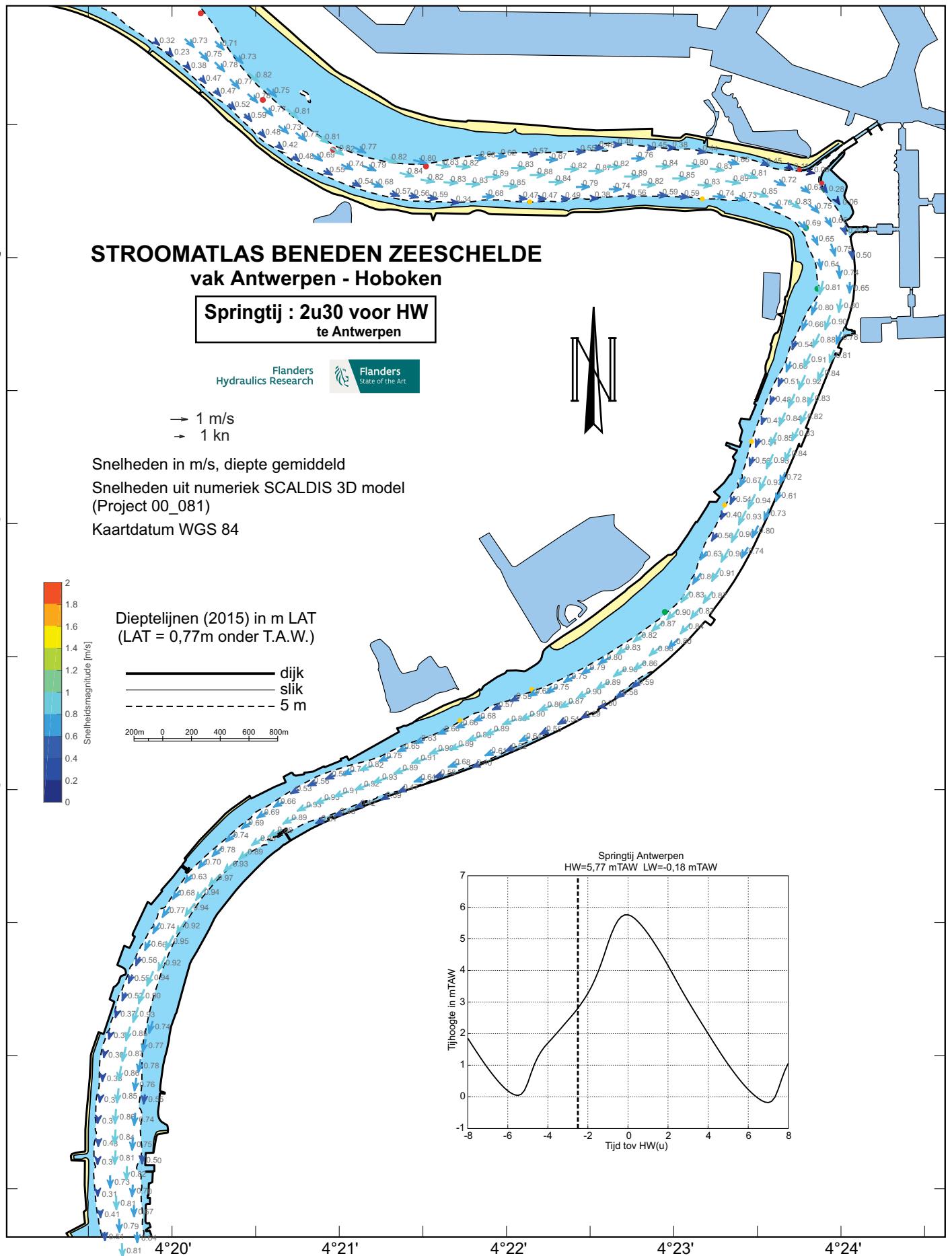


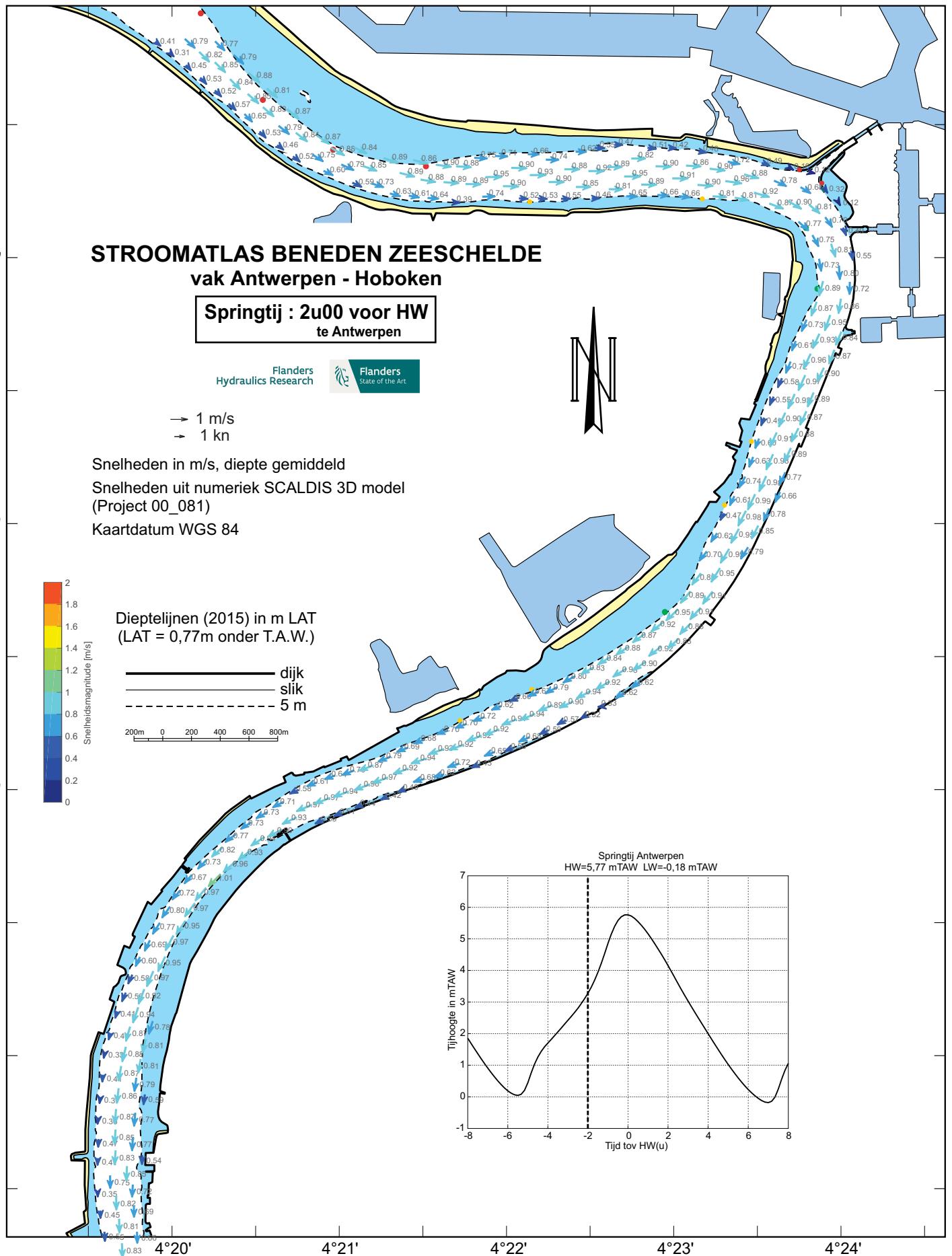


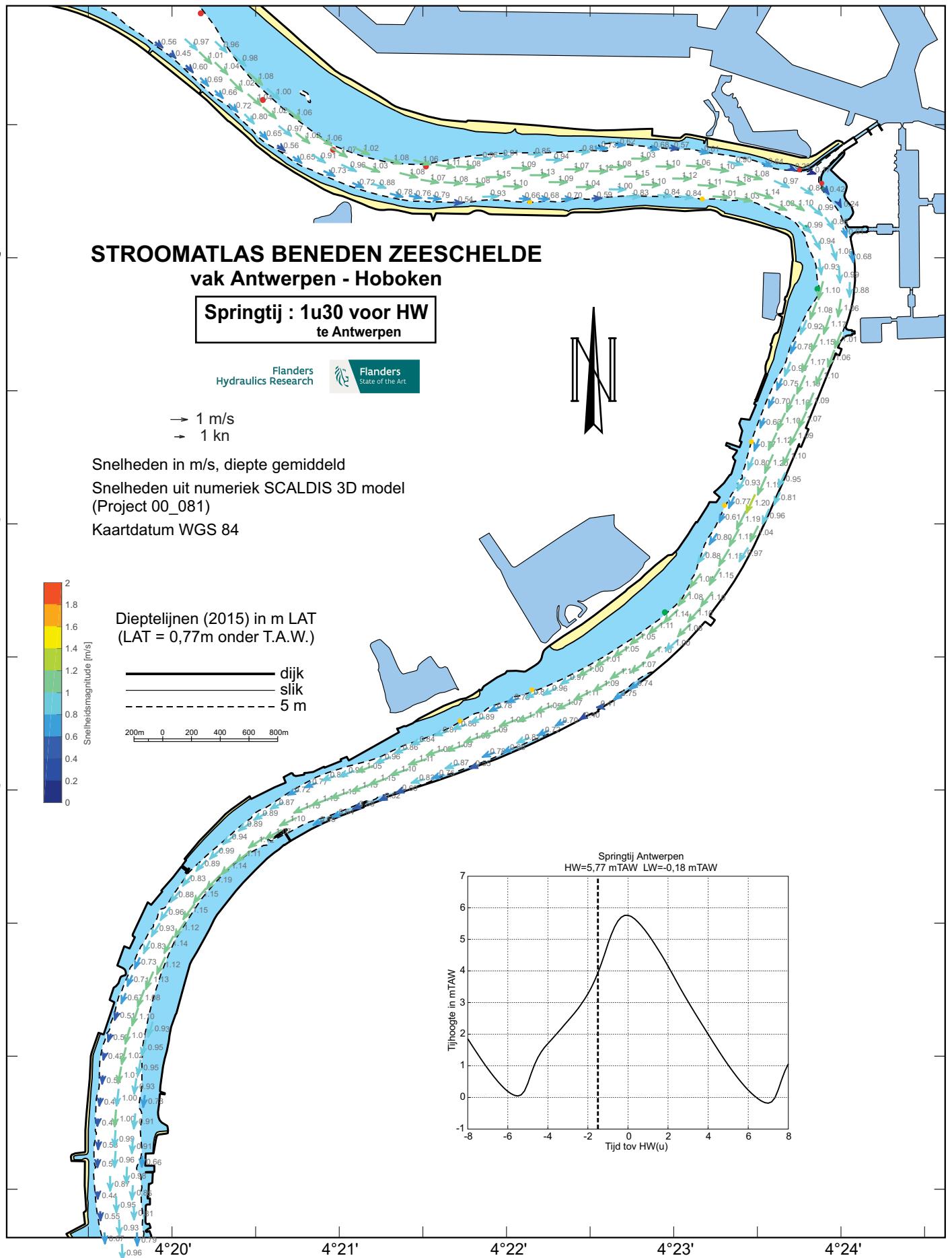


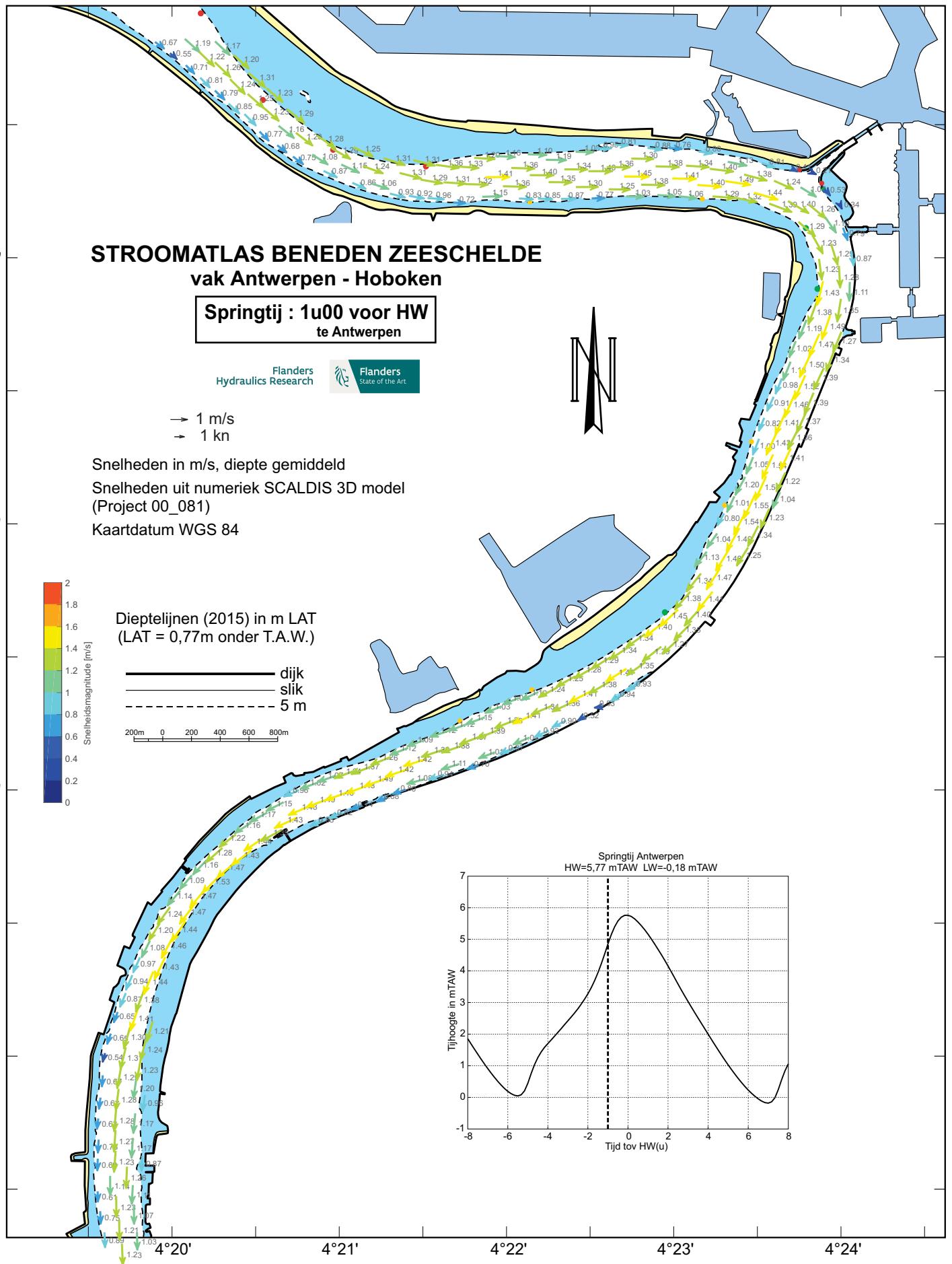


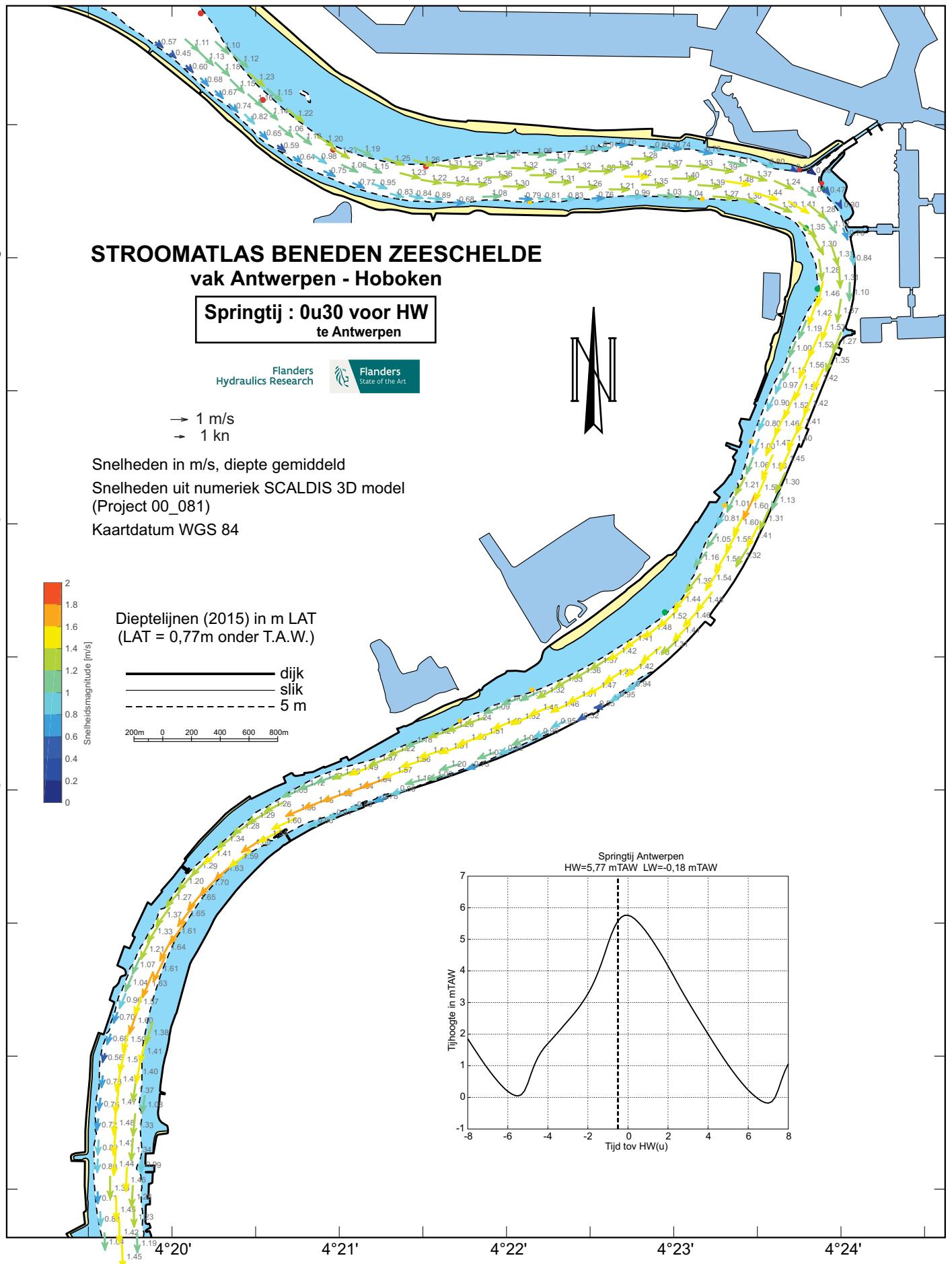


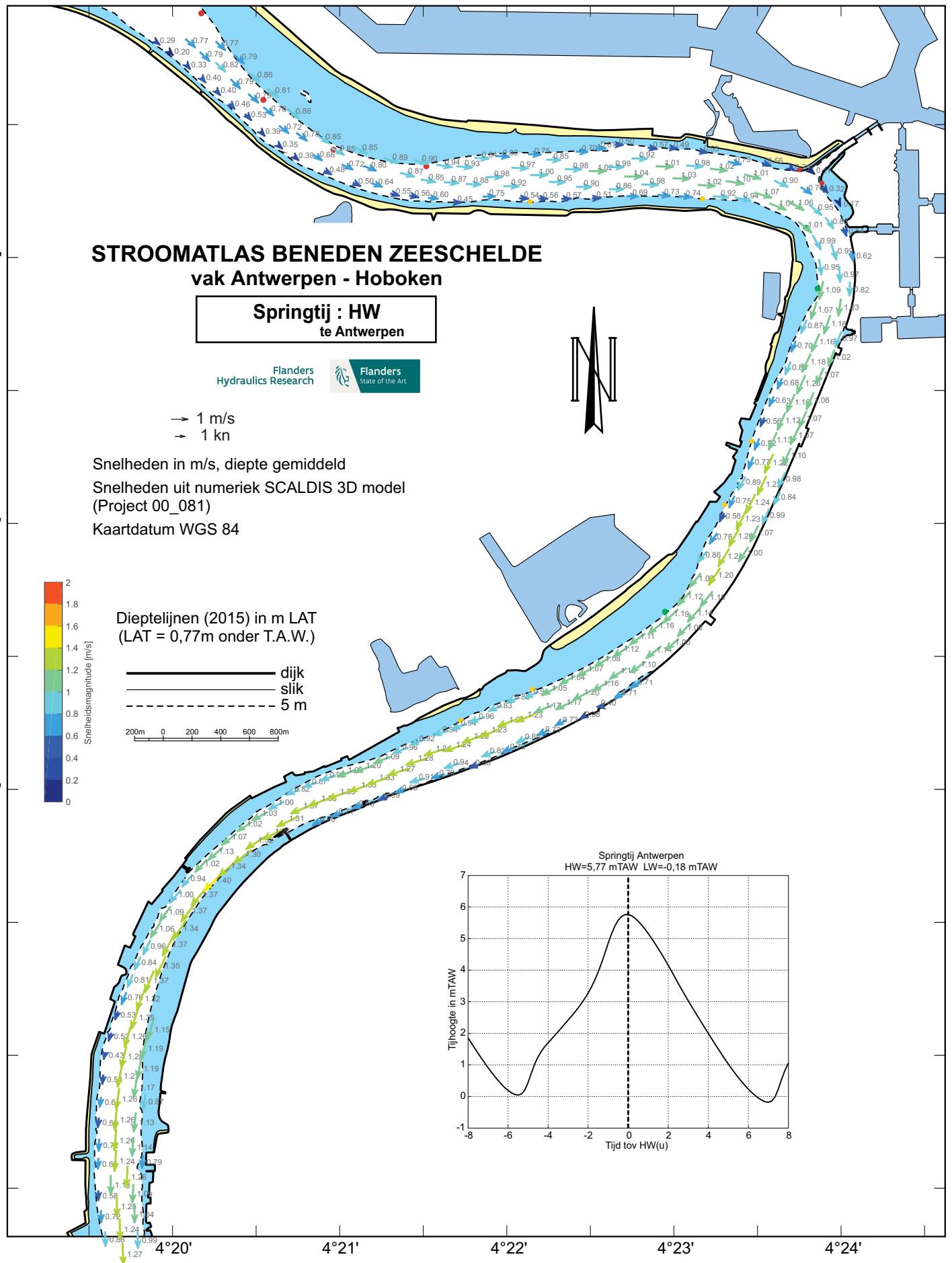


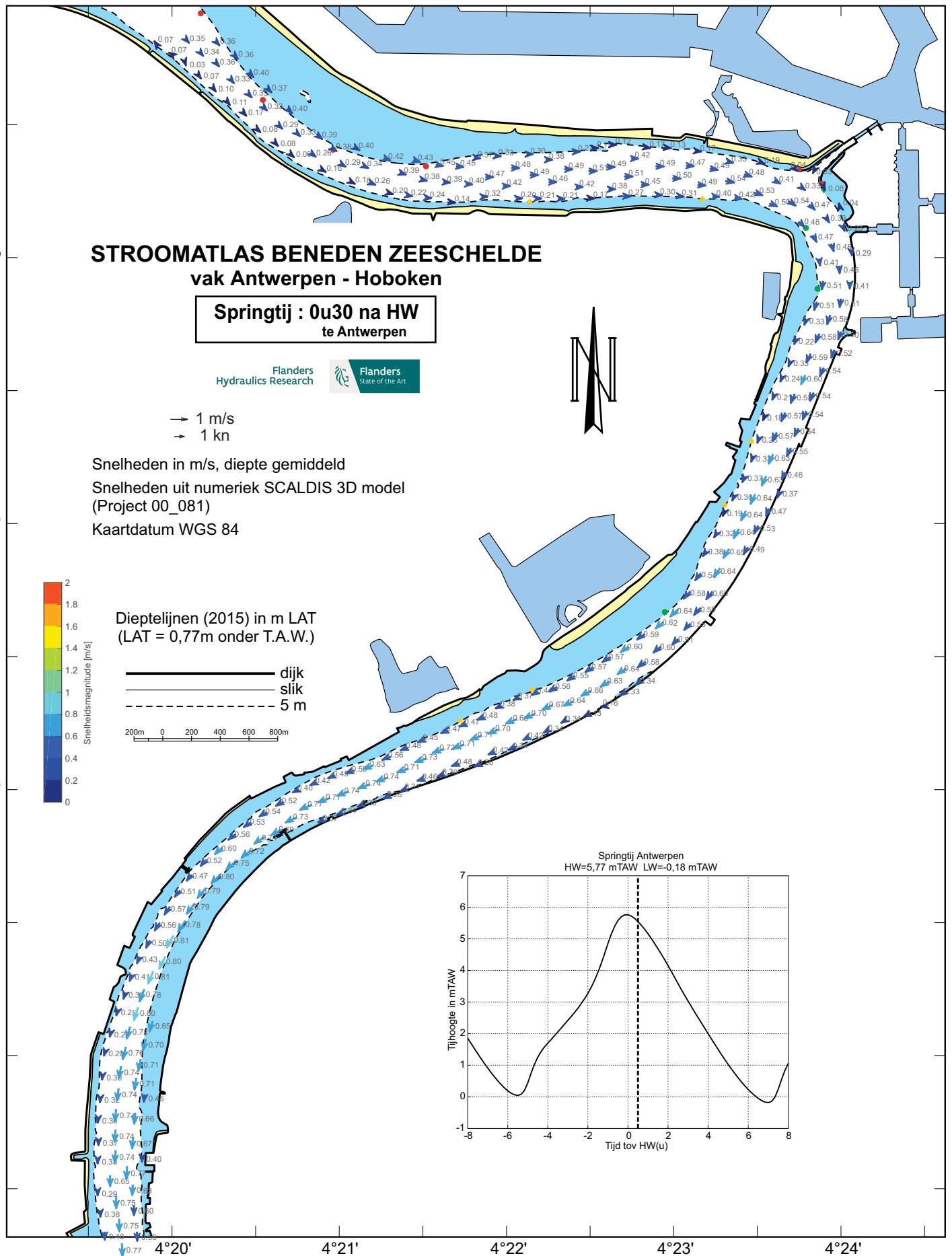


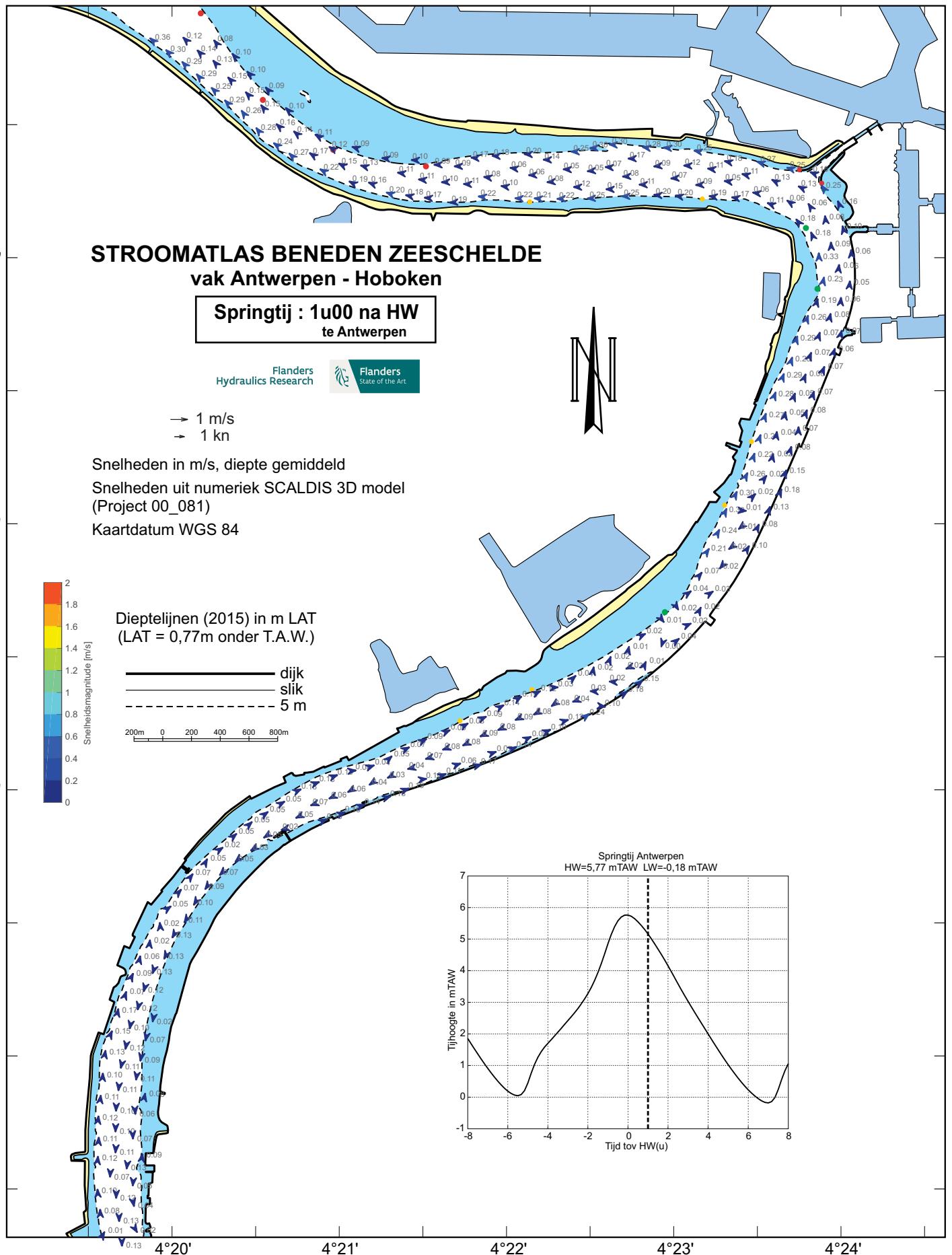


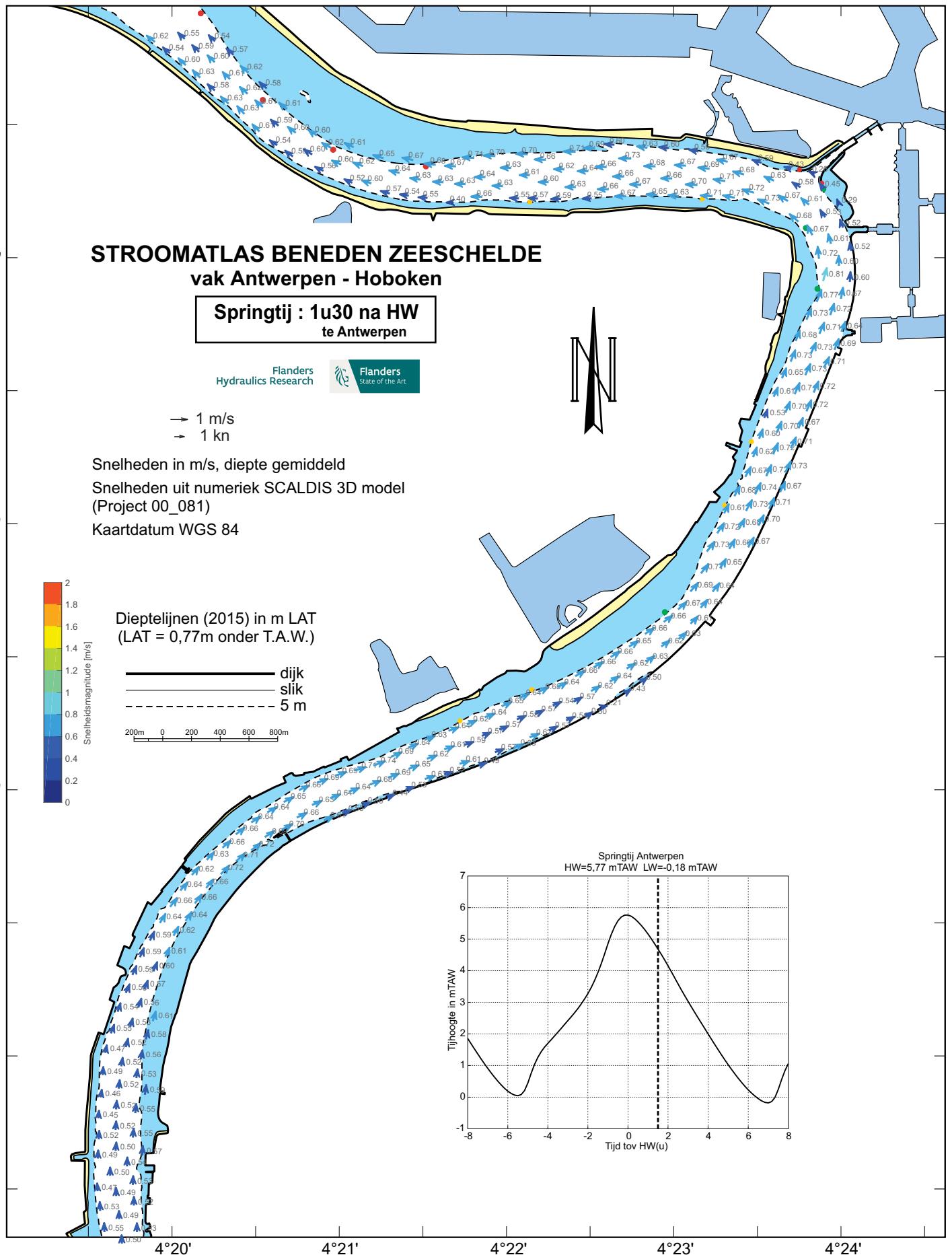


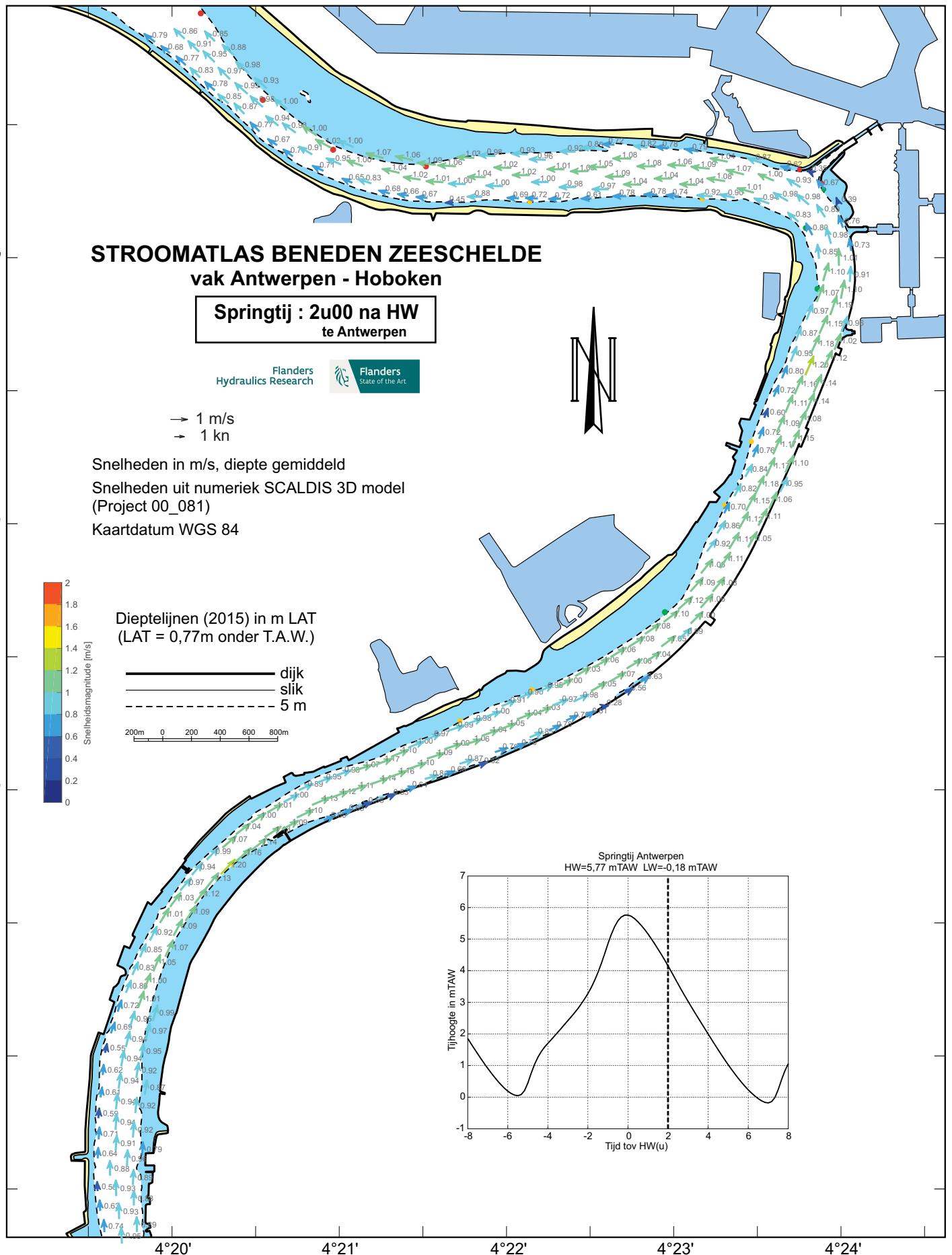


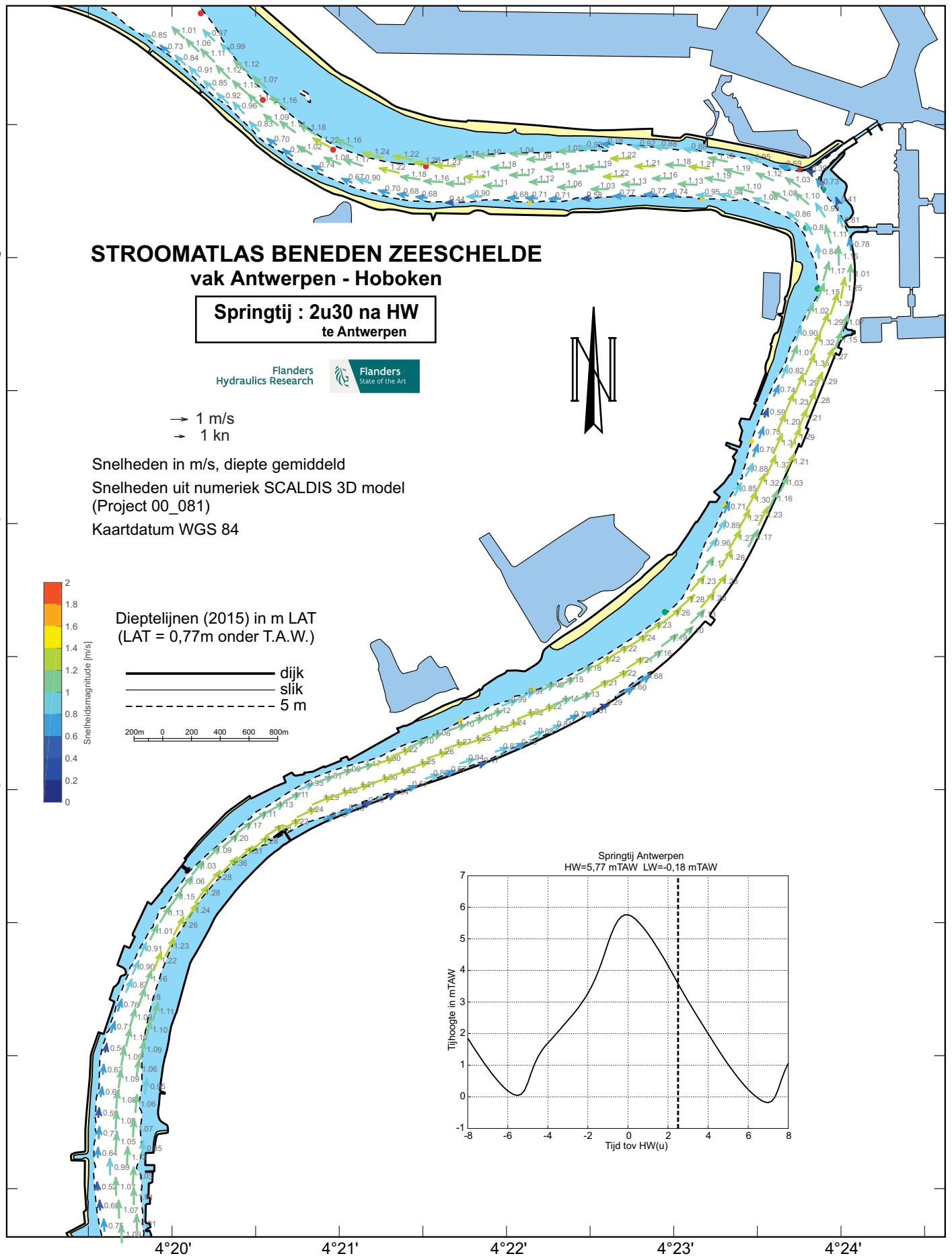


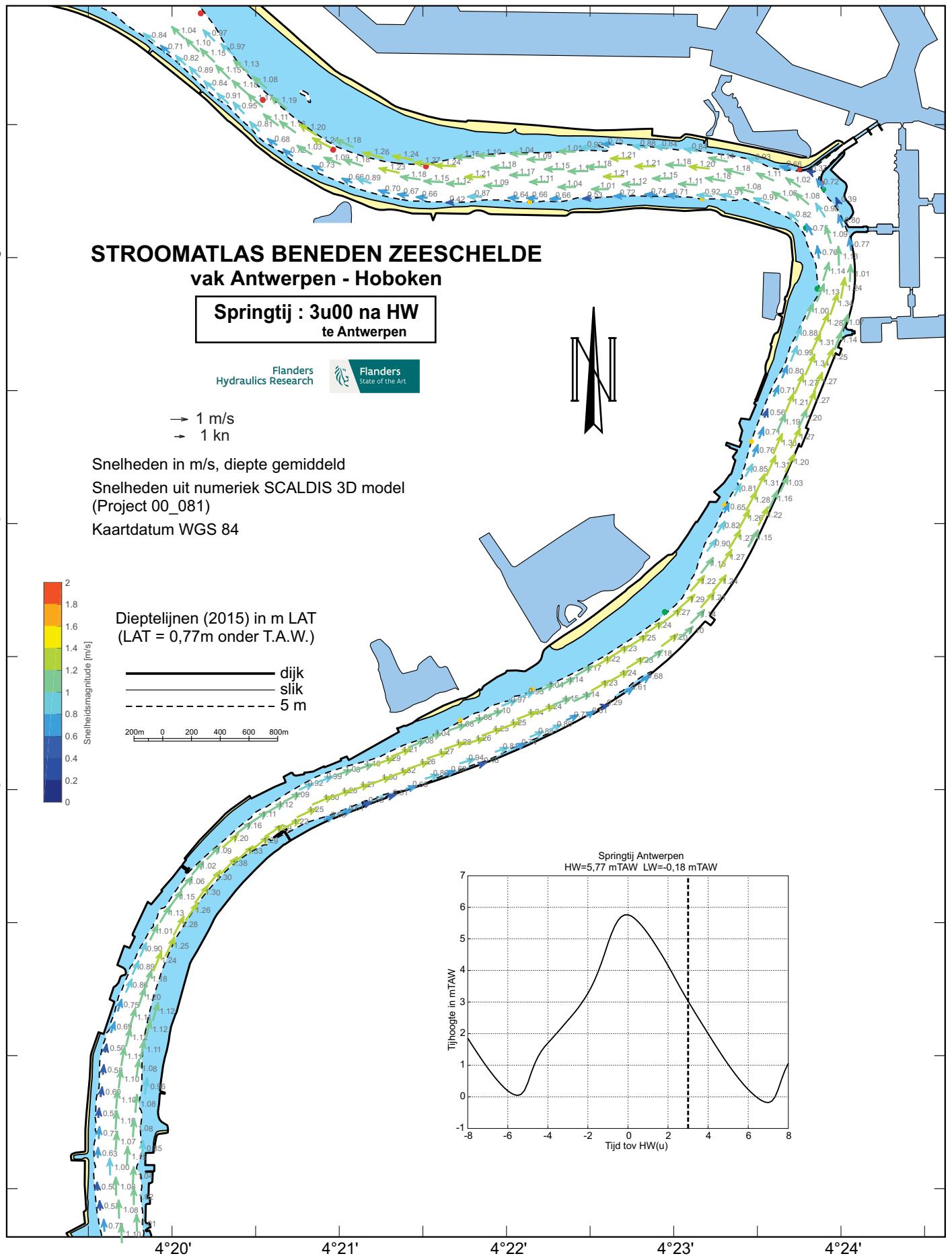


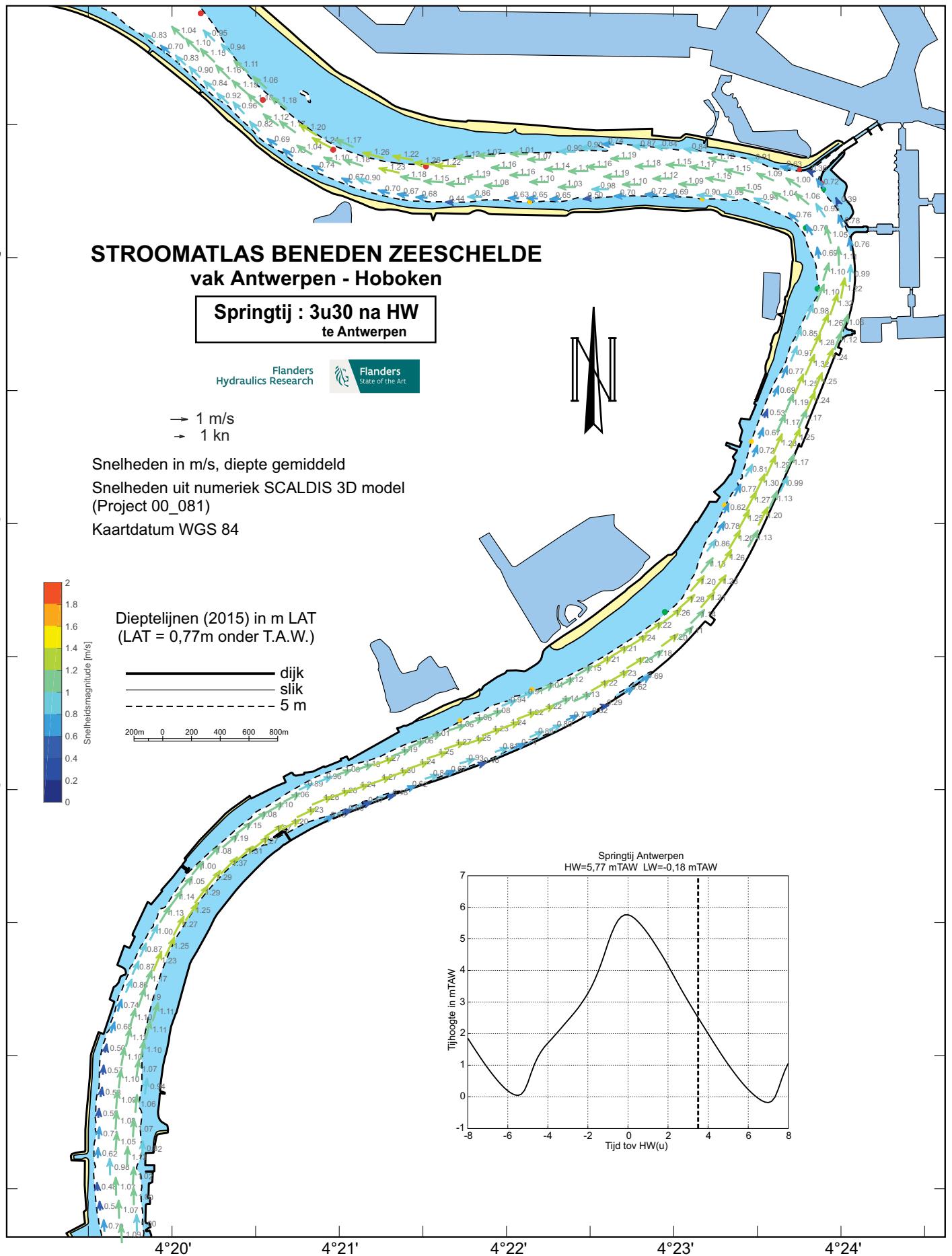


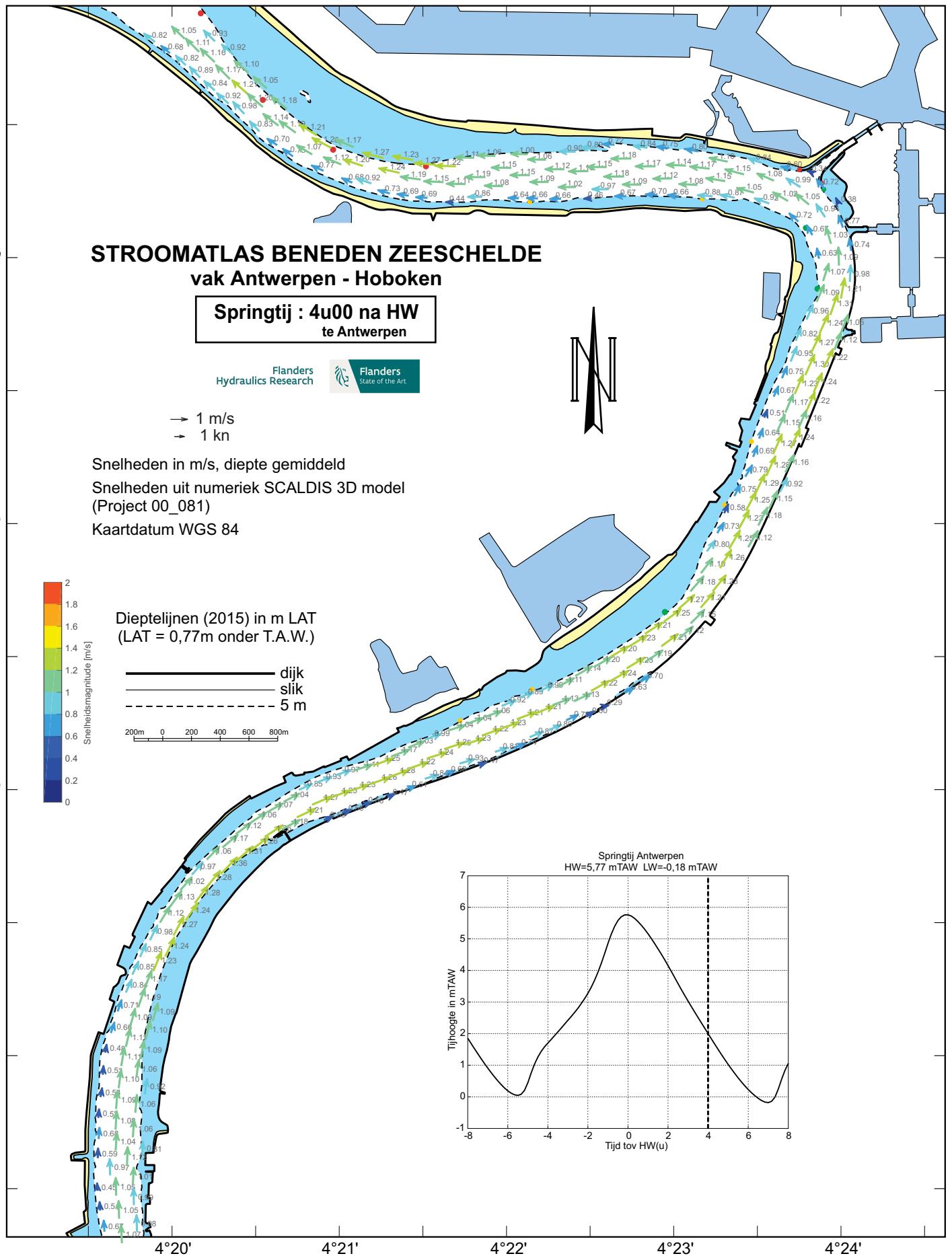


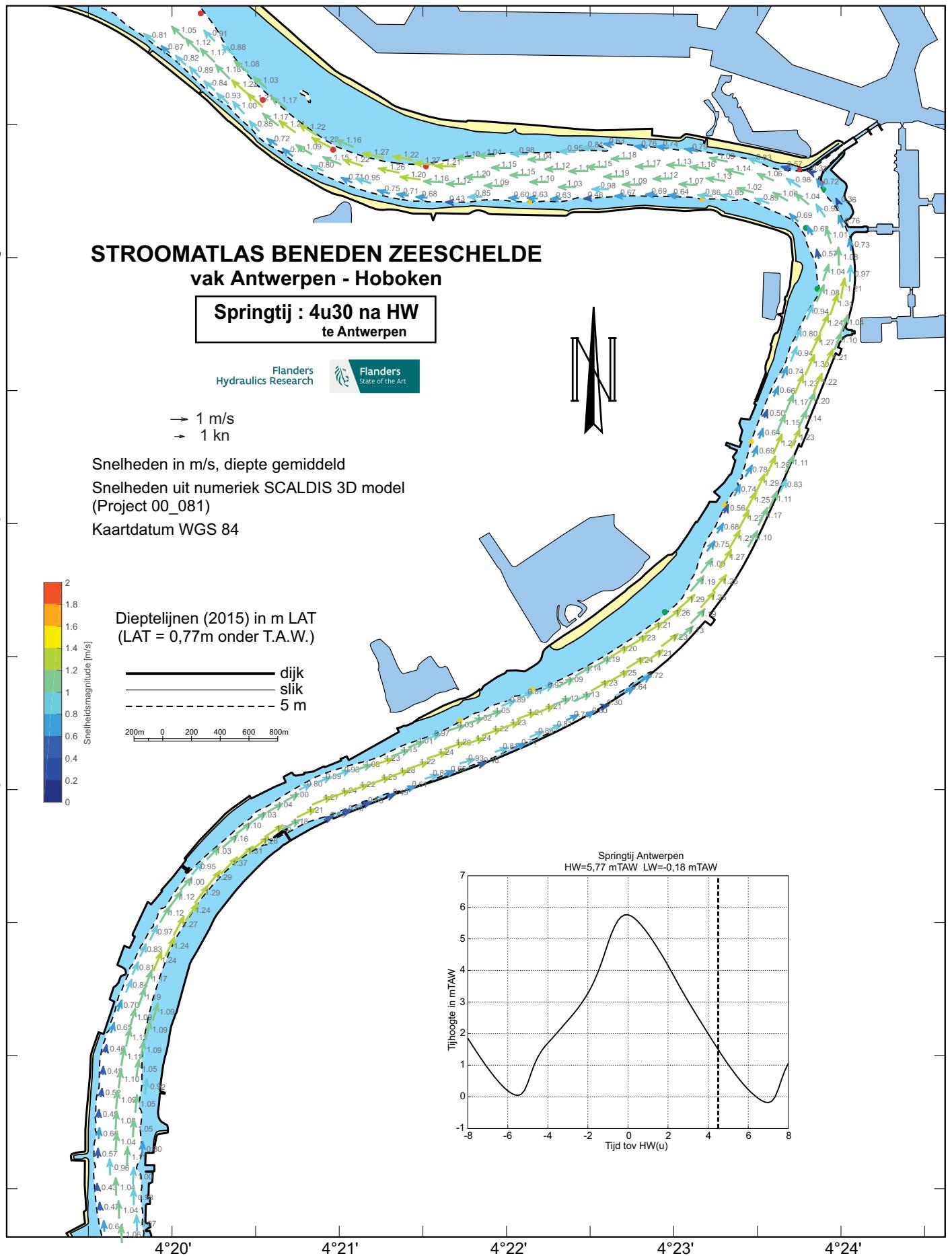


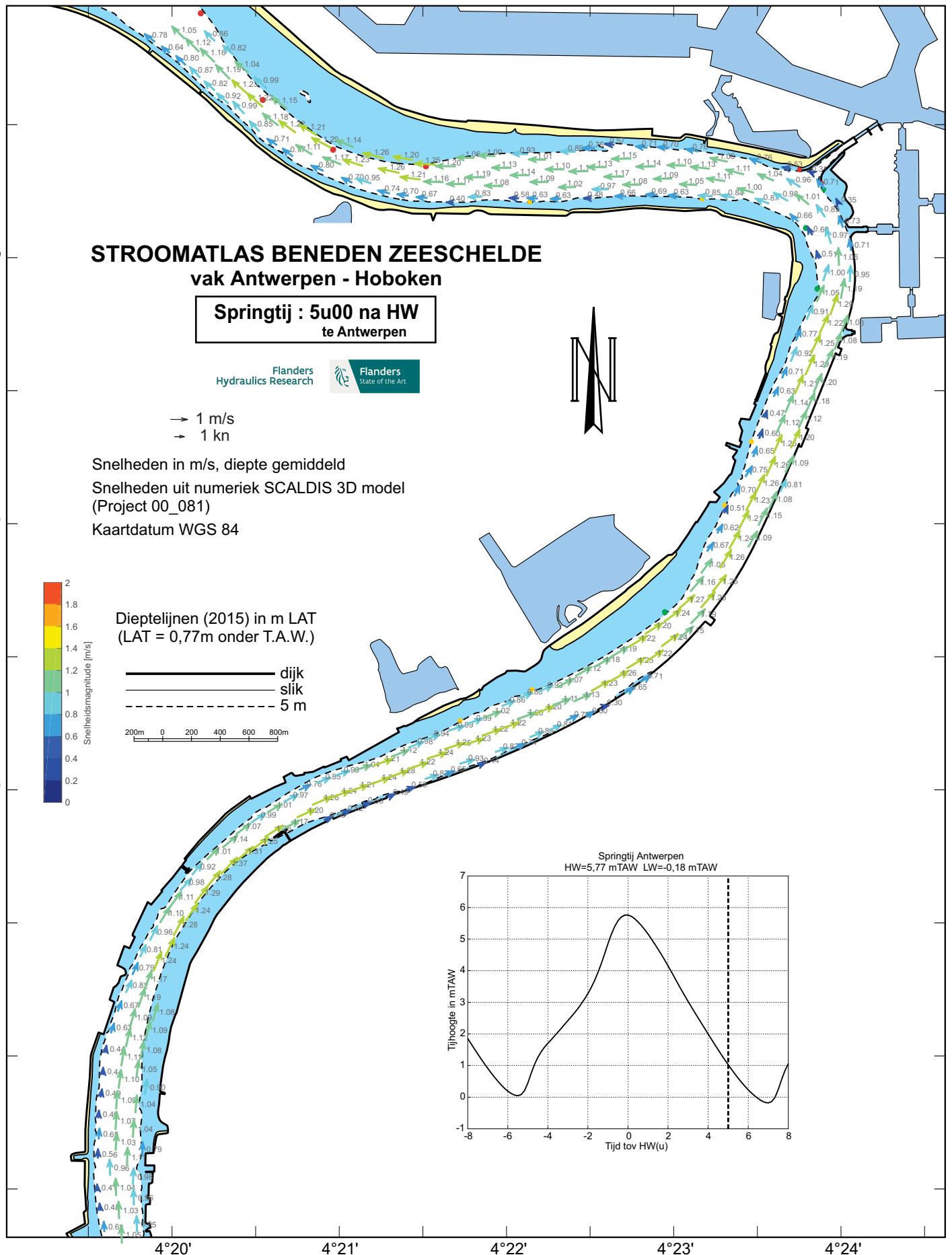


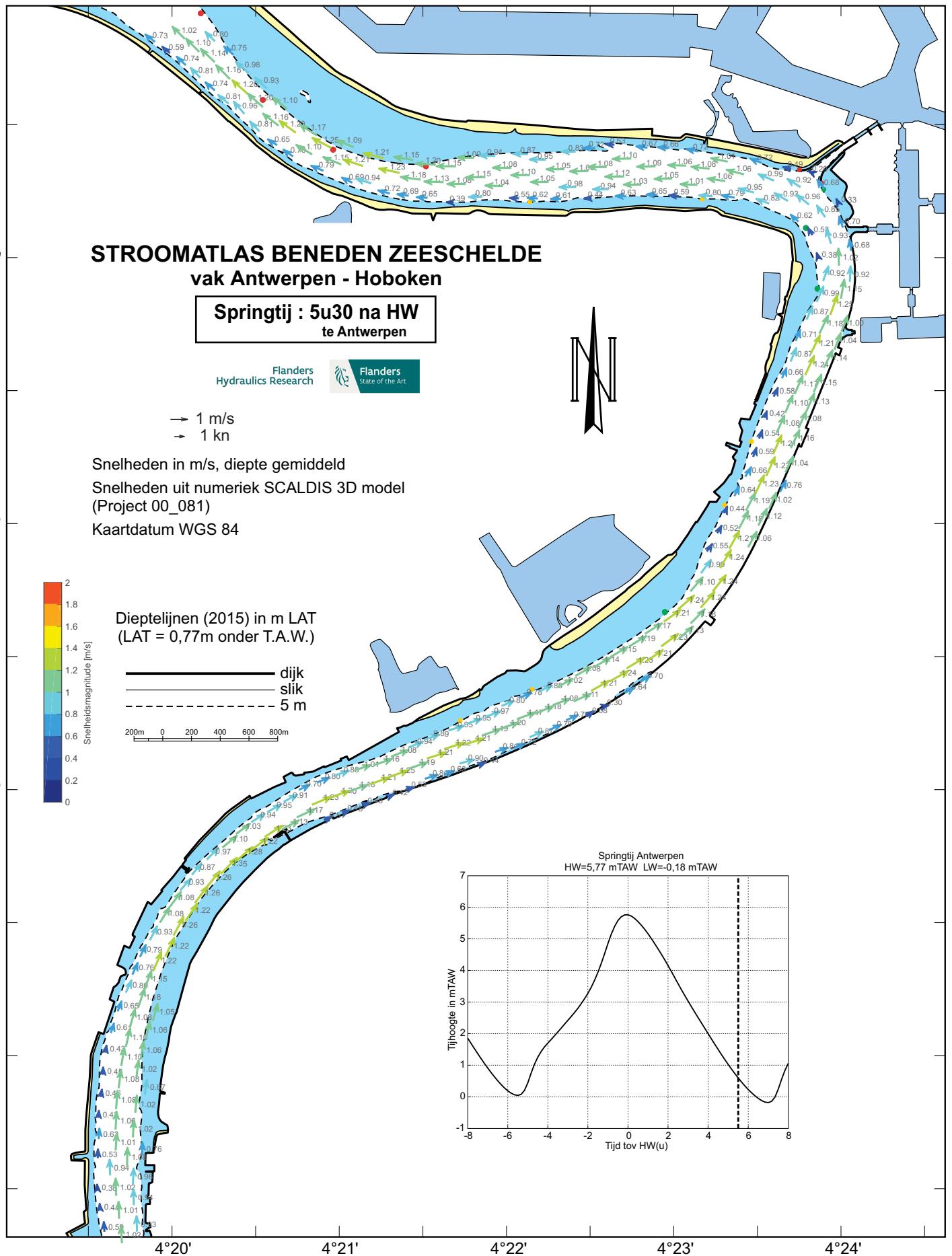


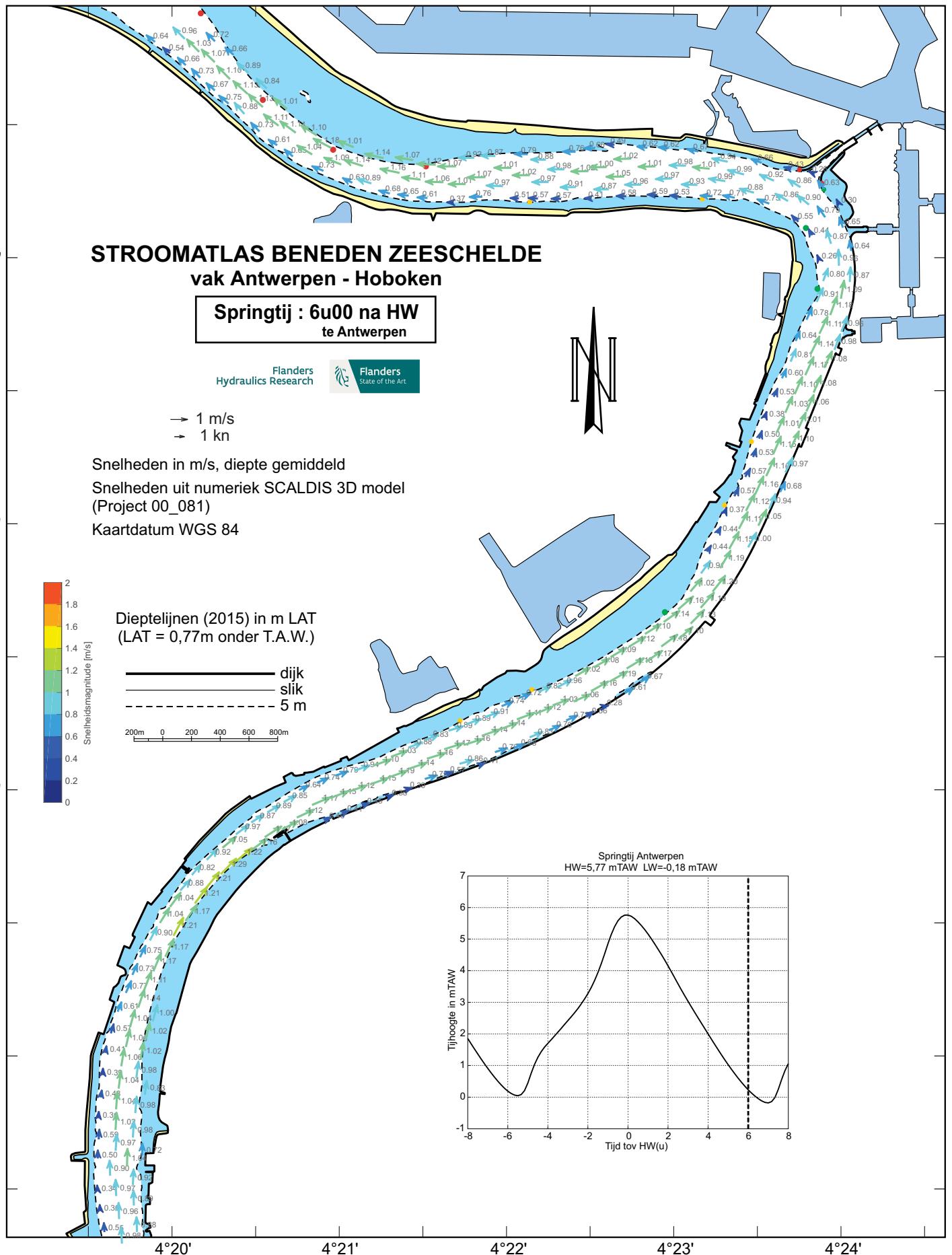


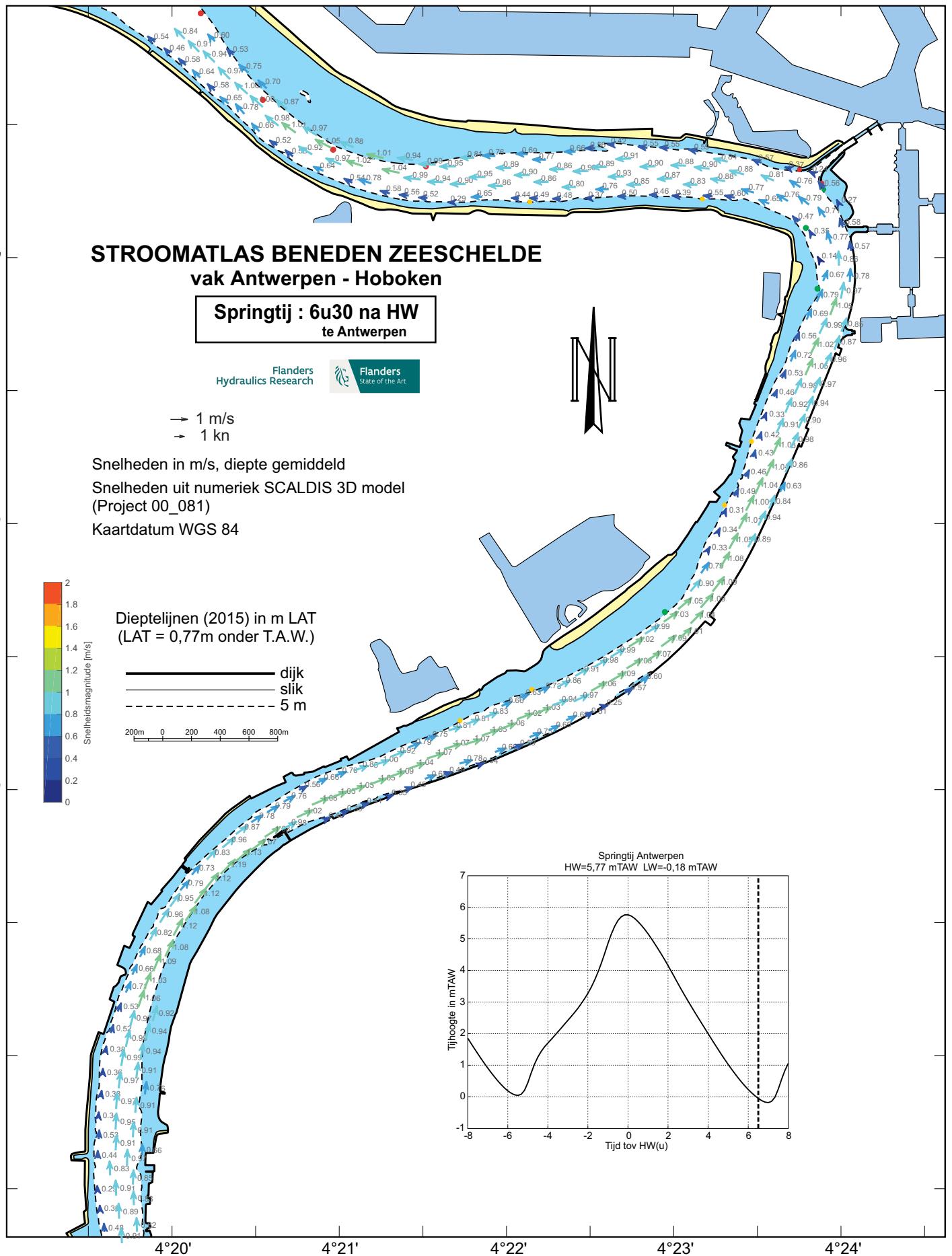












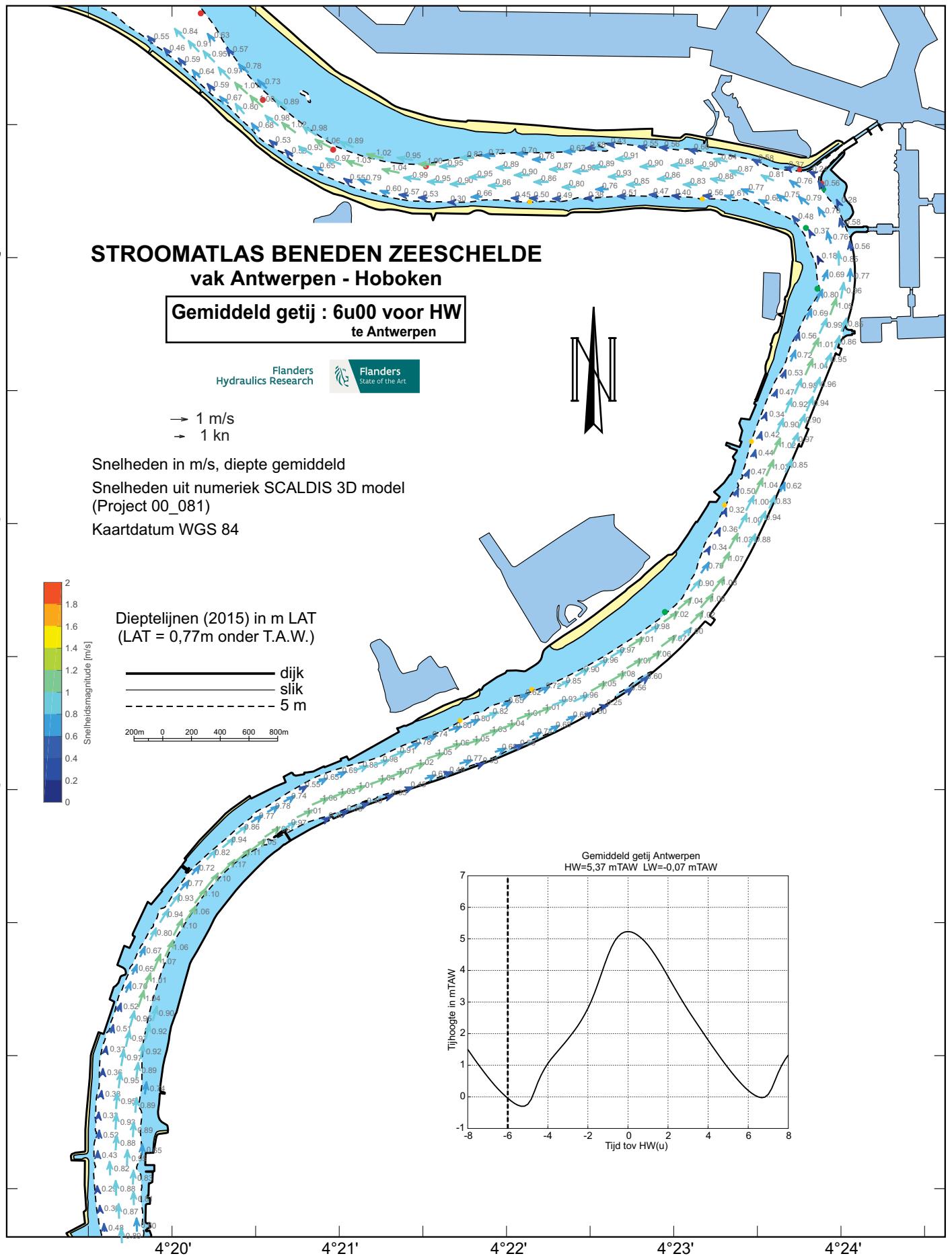


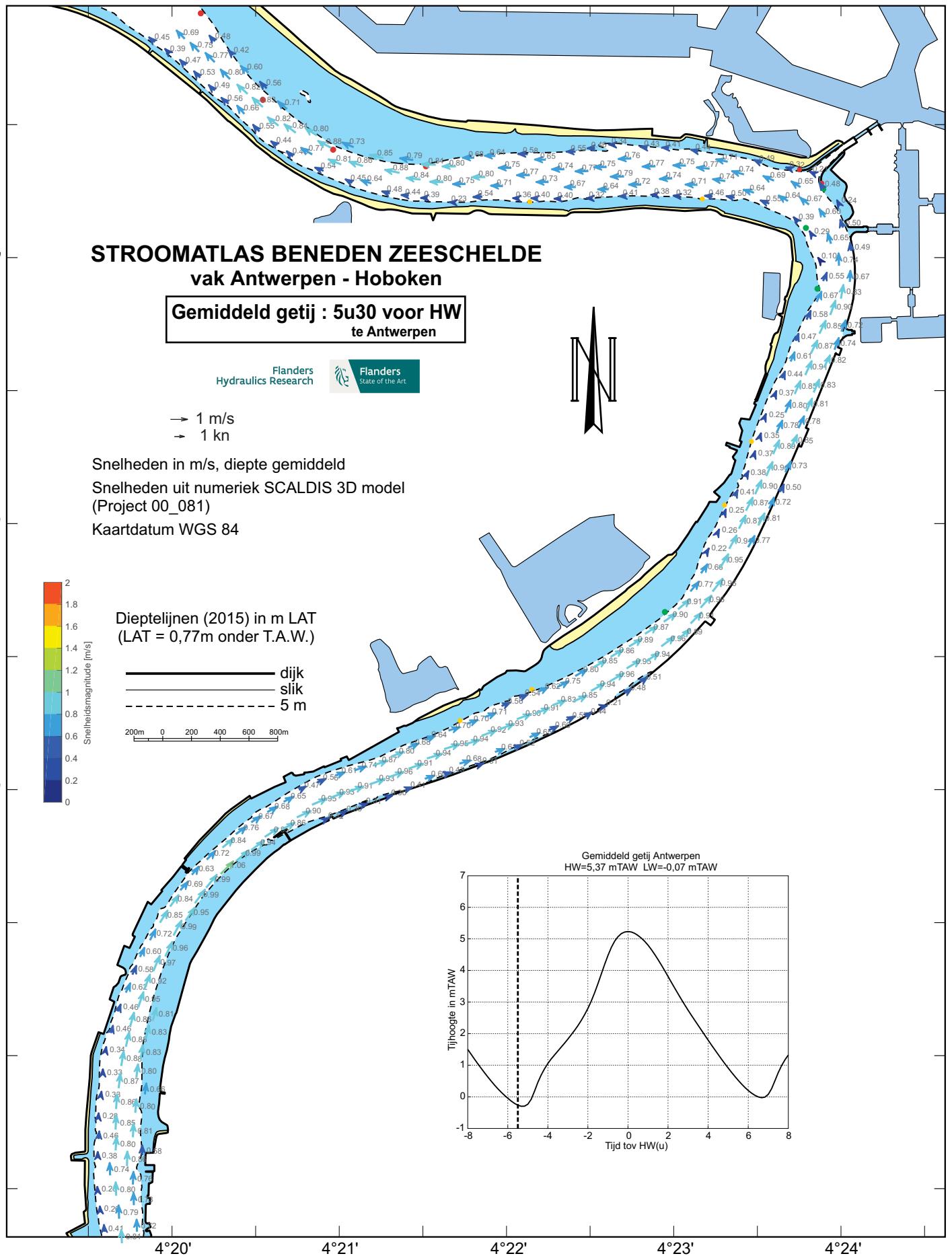
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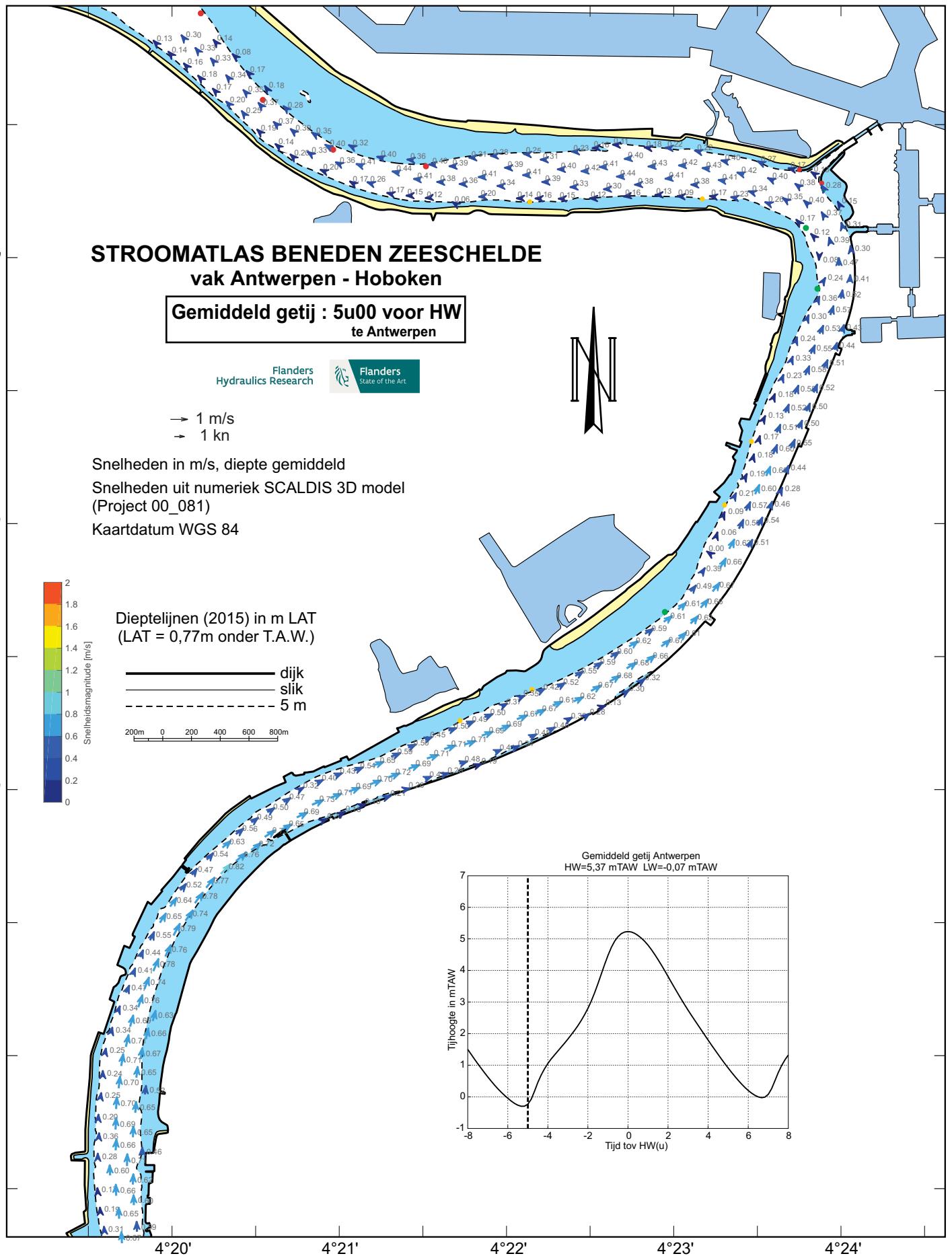
vak Antwerpen - Hoboken

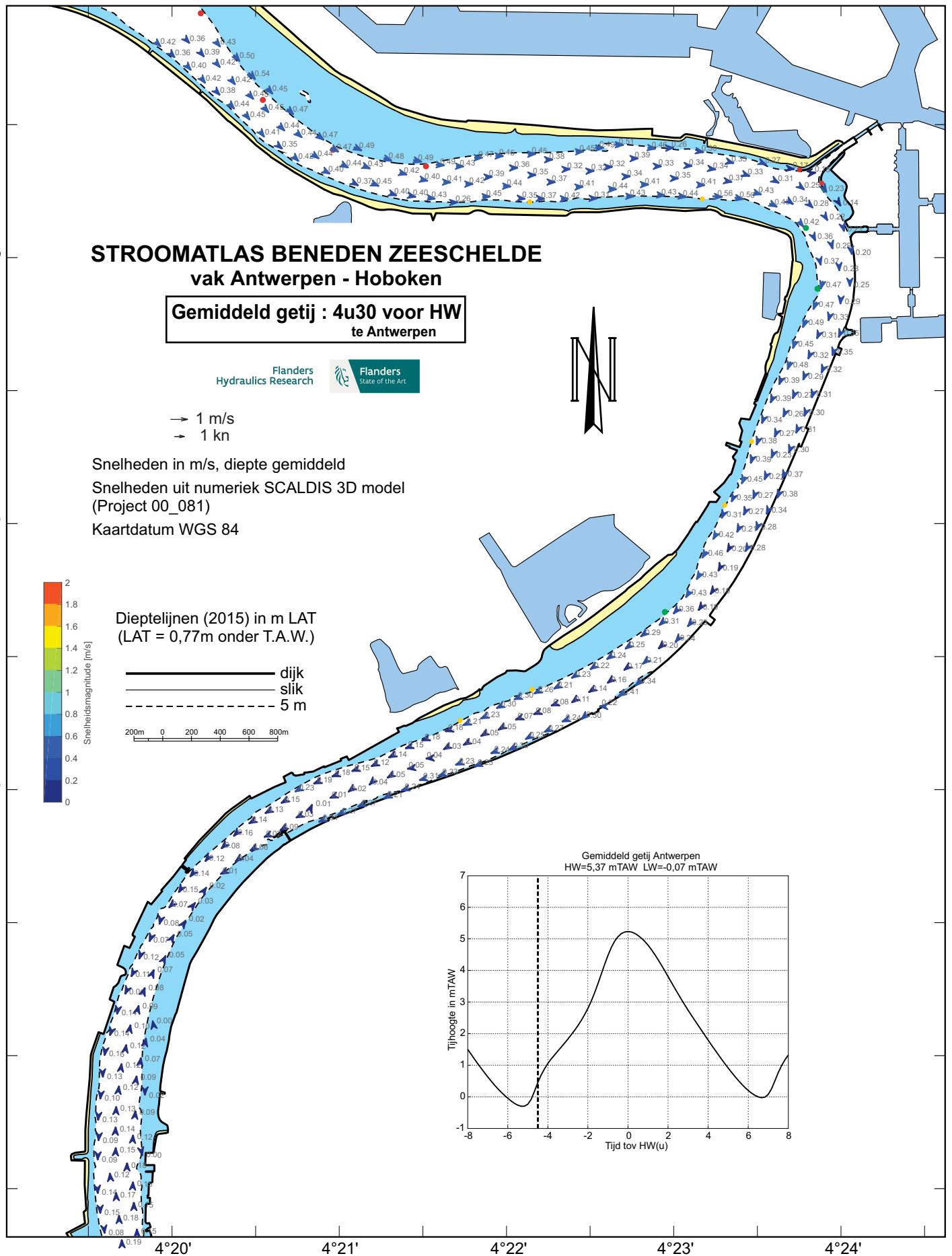
**GEMIDDELD GETIJ**

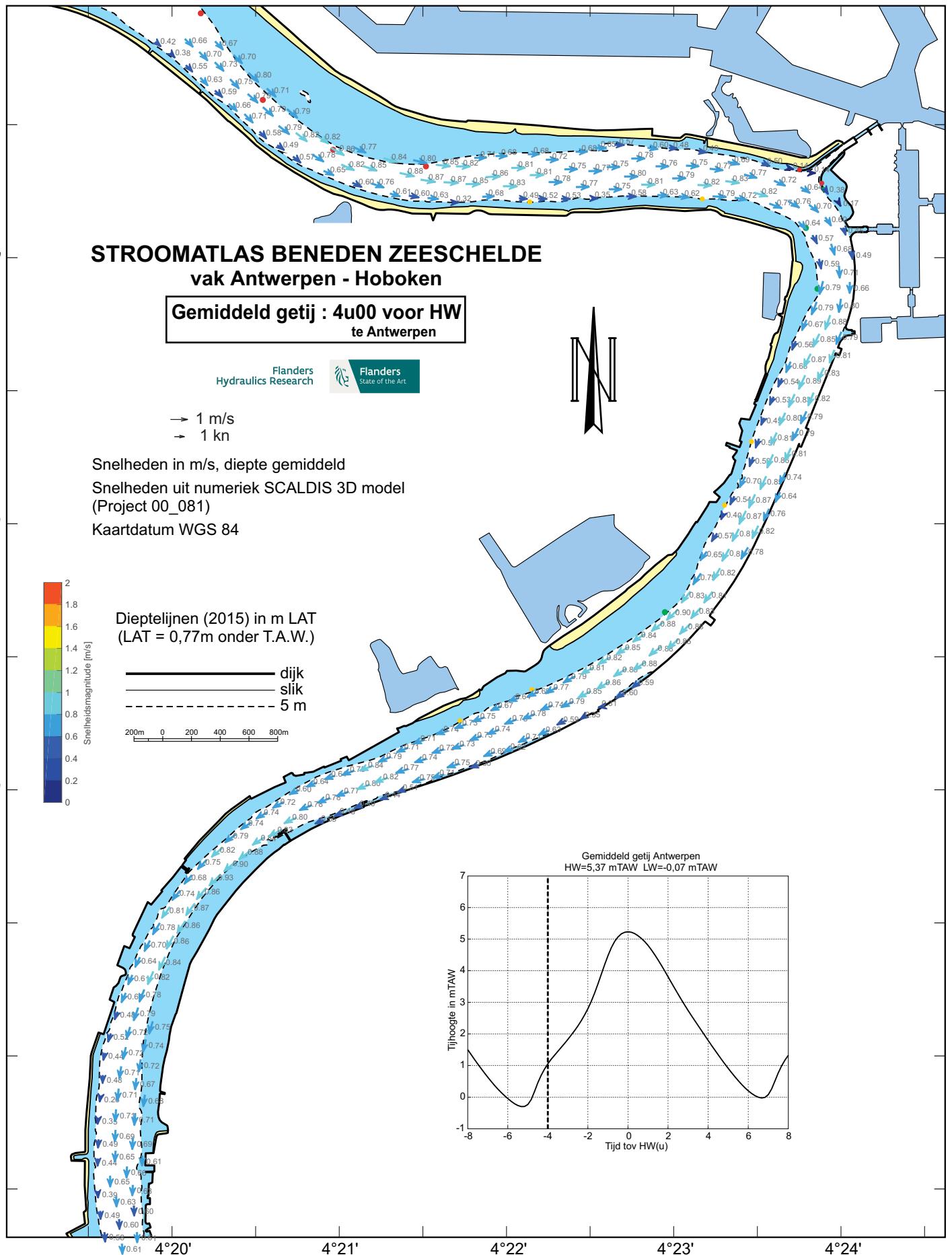
*Vlaamse overheid  
Departement Mobiliteit en Openbare Werken  
Waterbouwkundig Laboratorium*

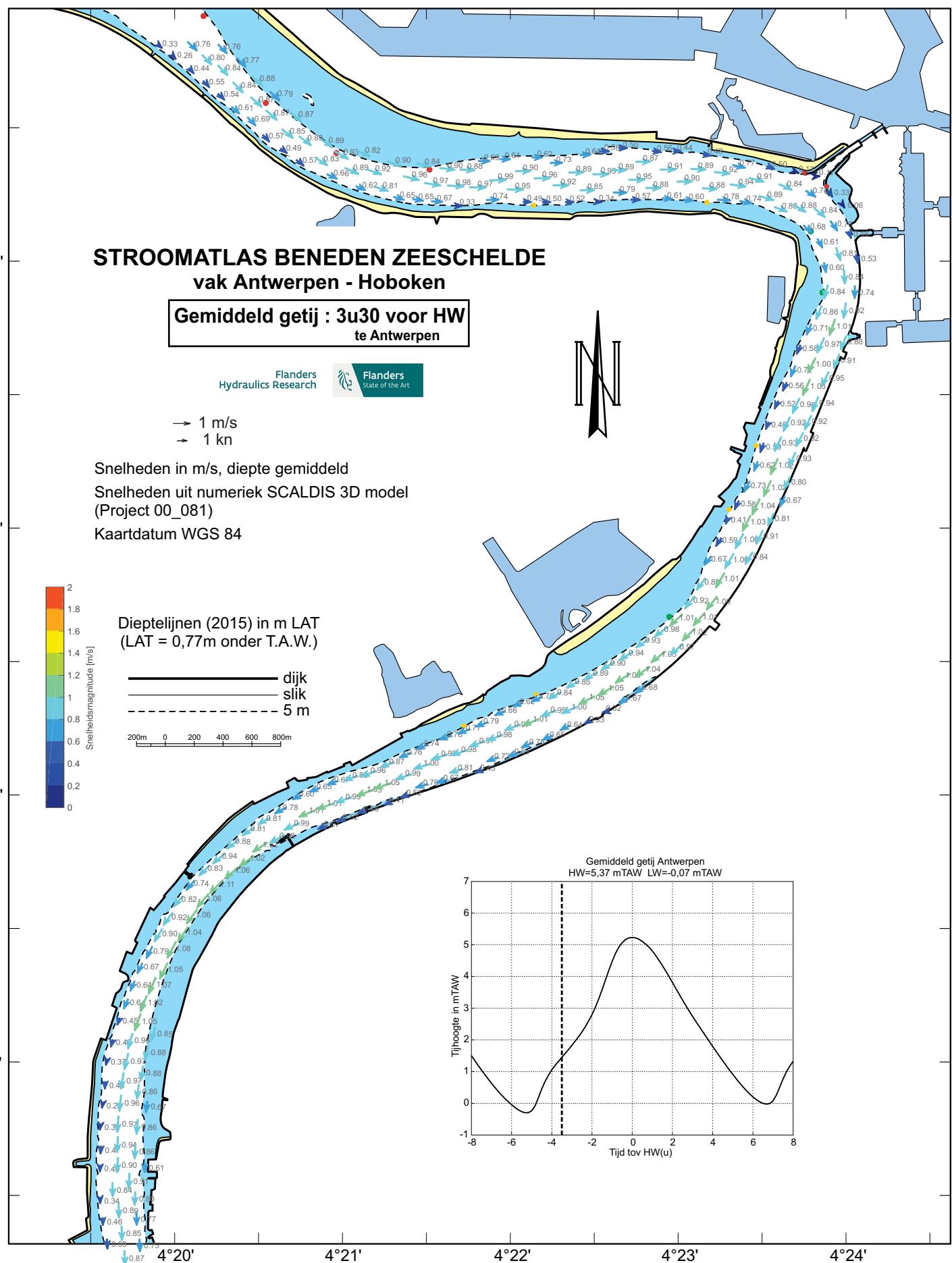


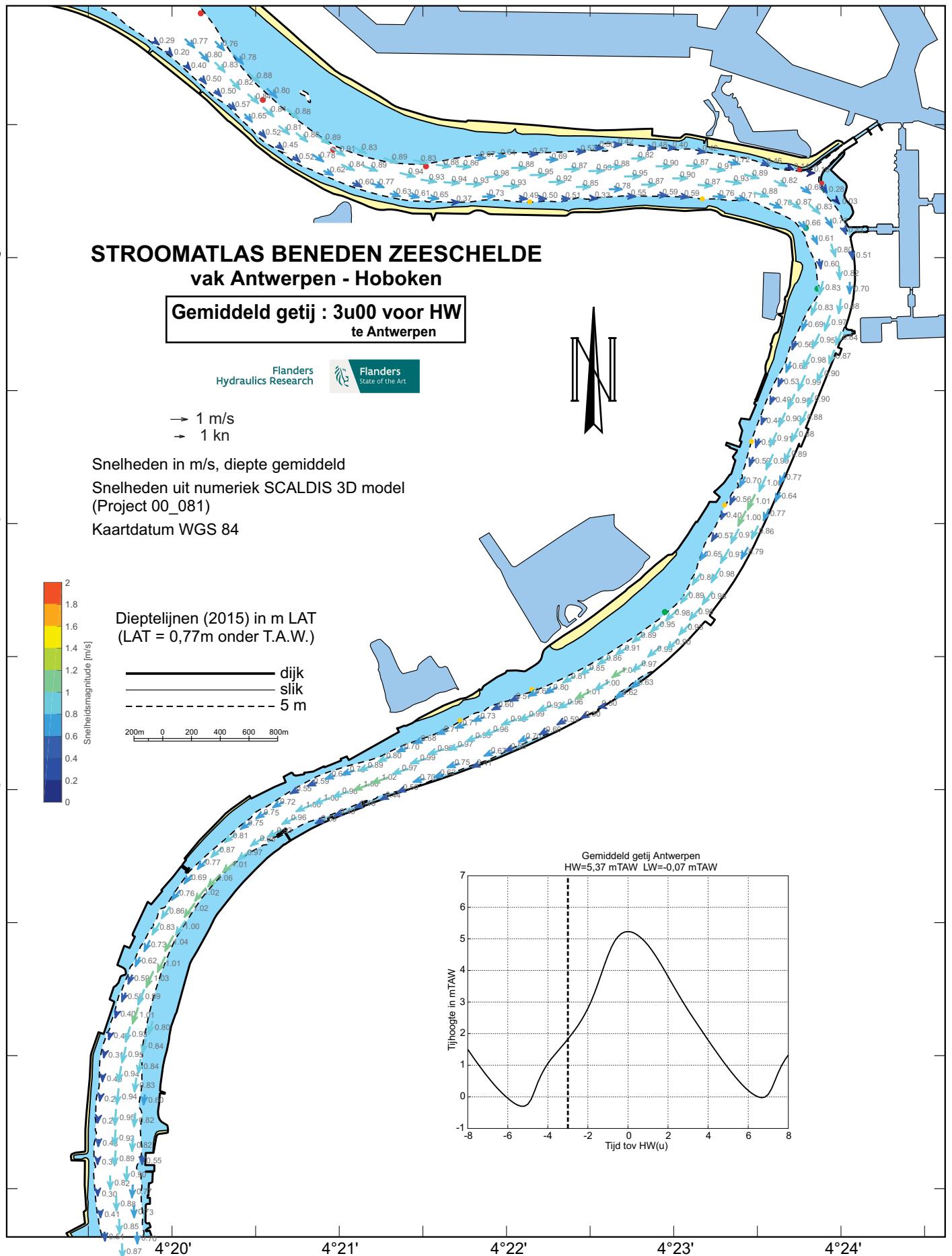


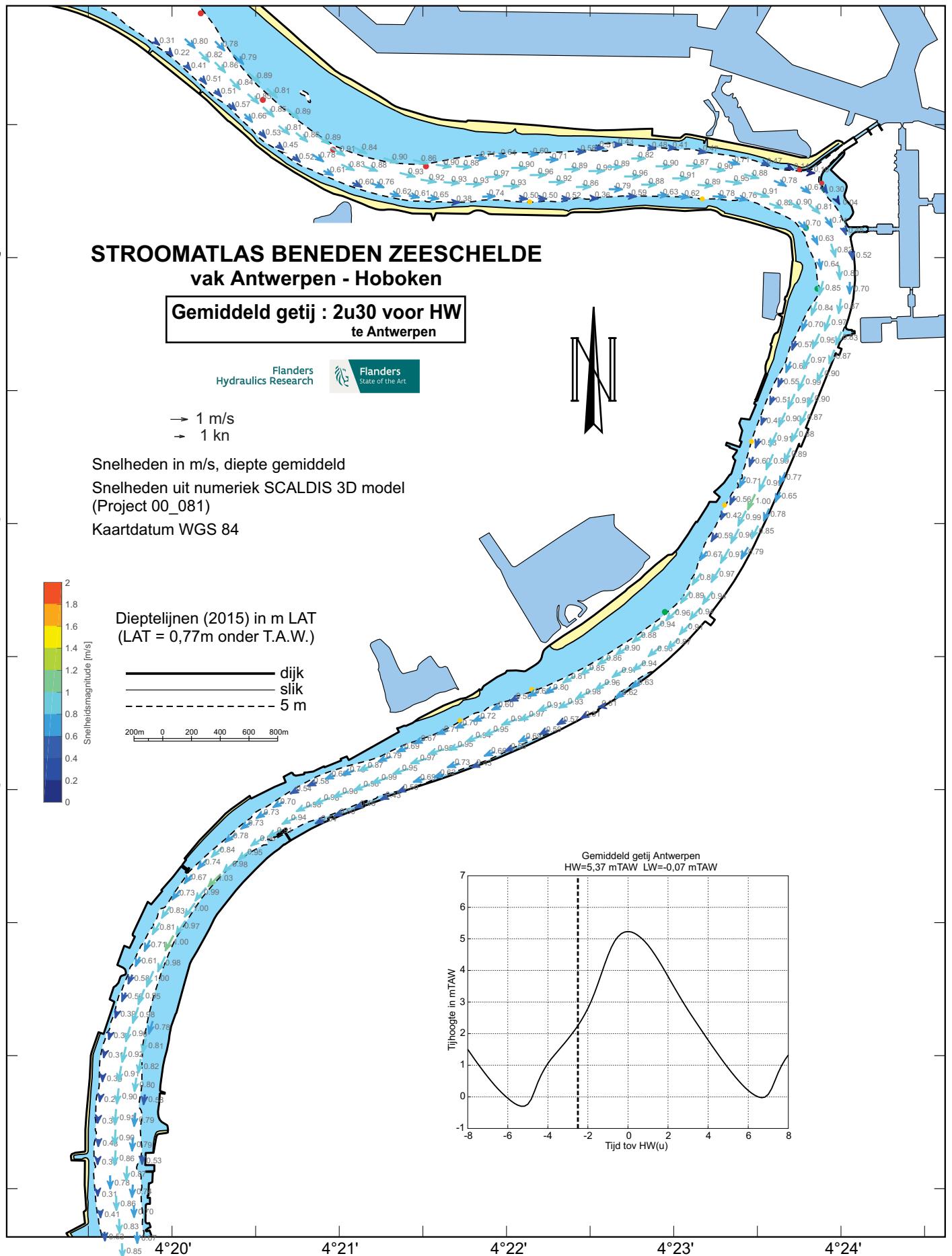


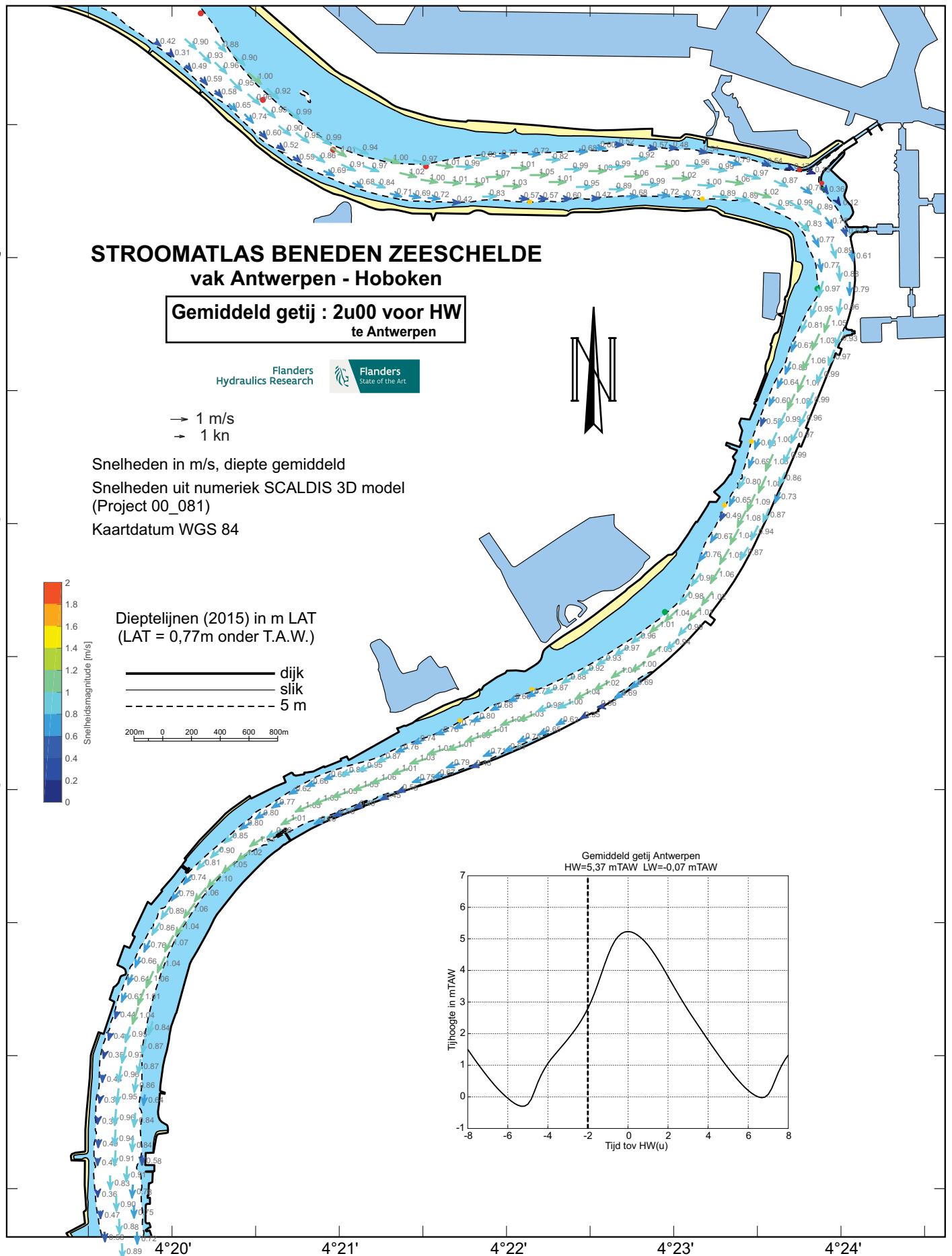


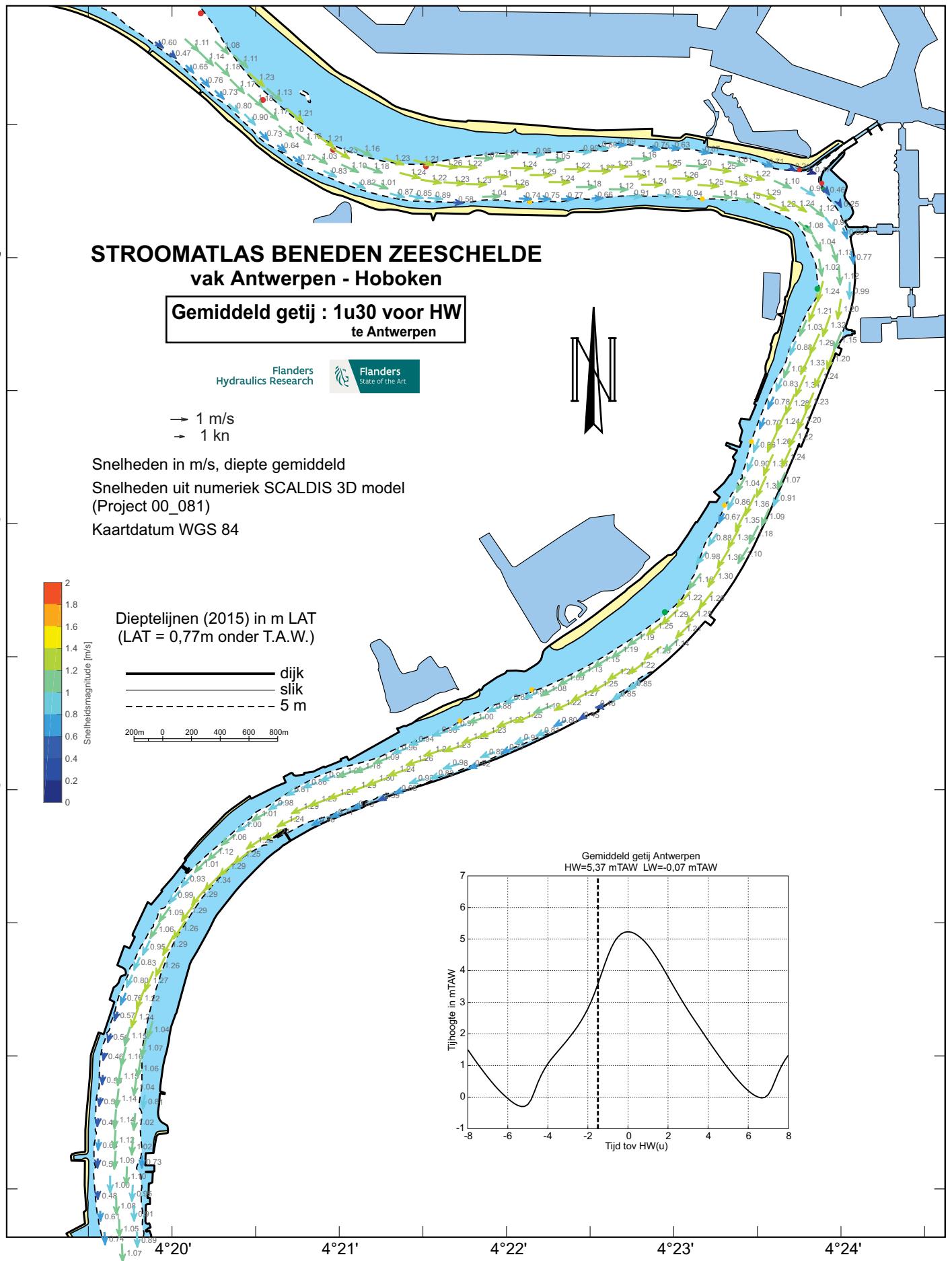


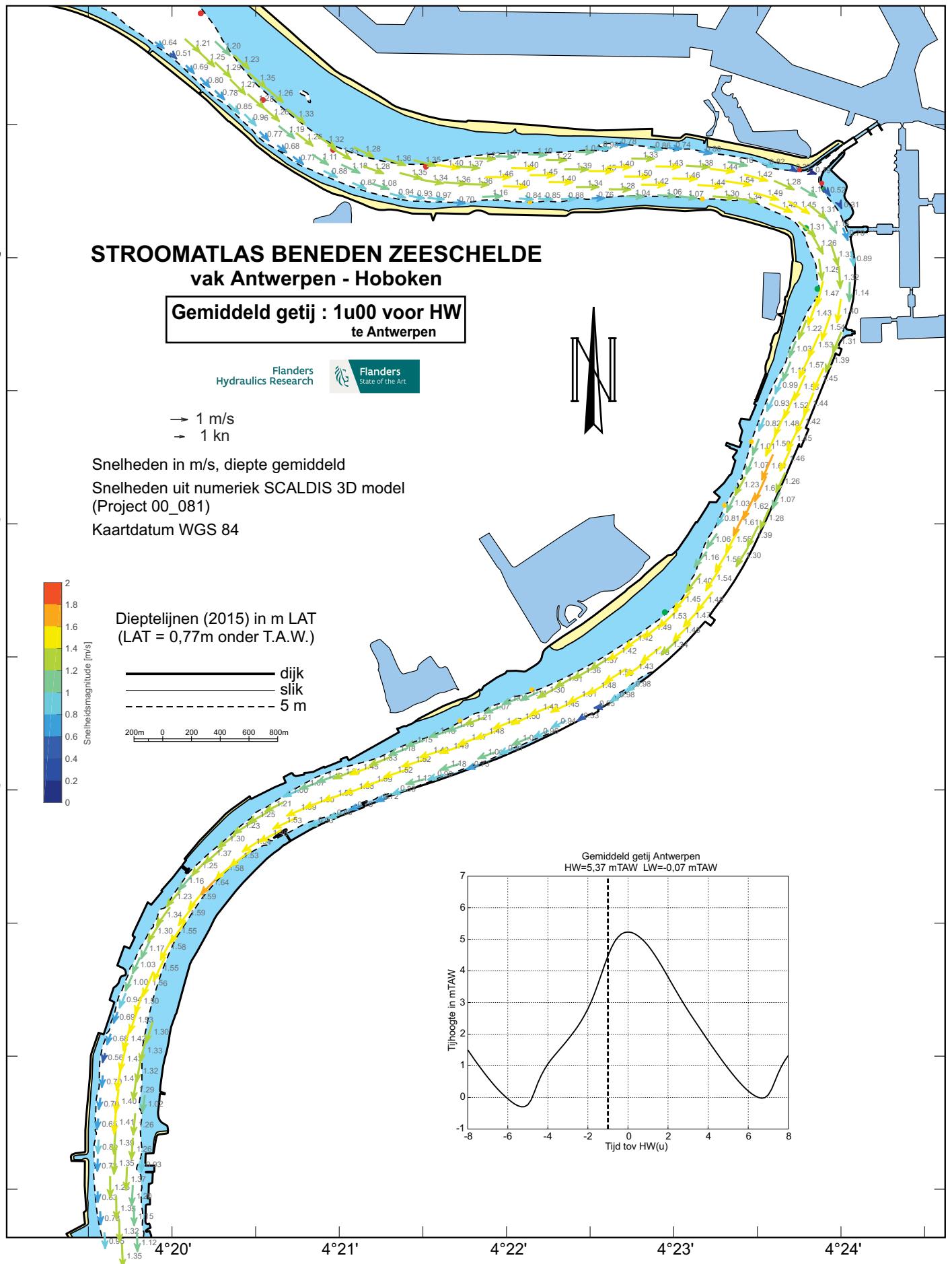


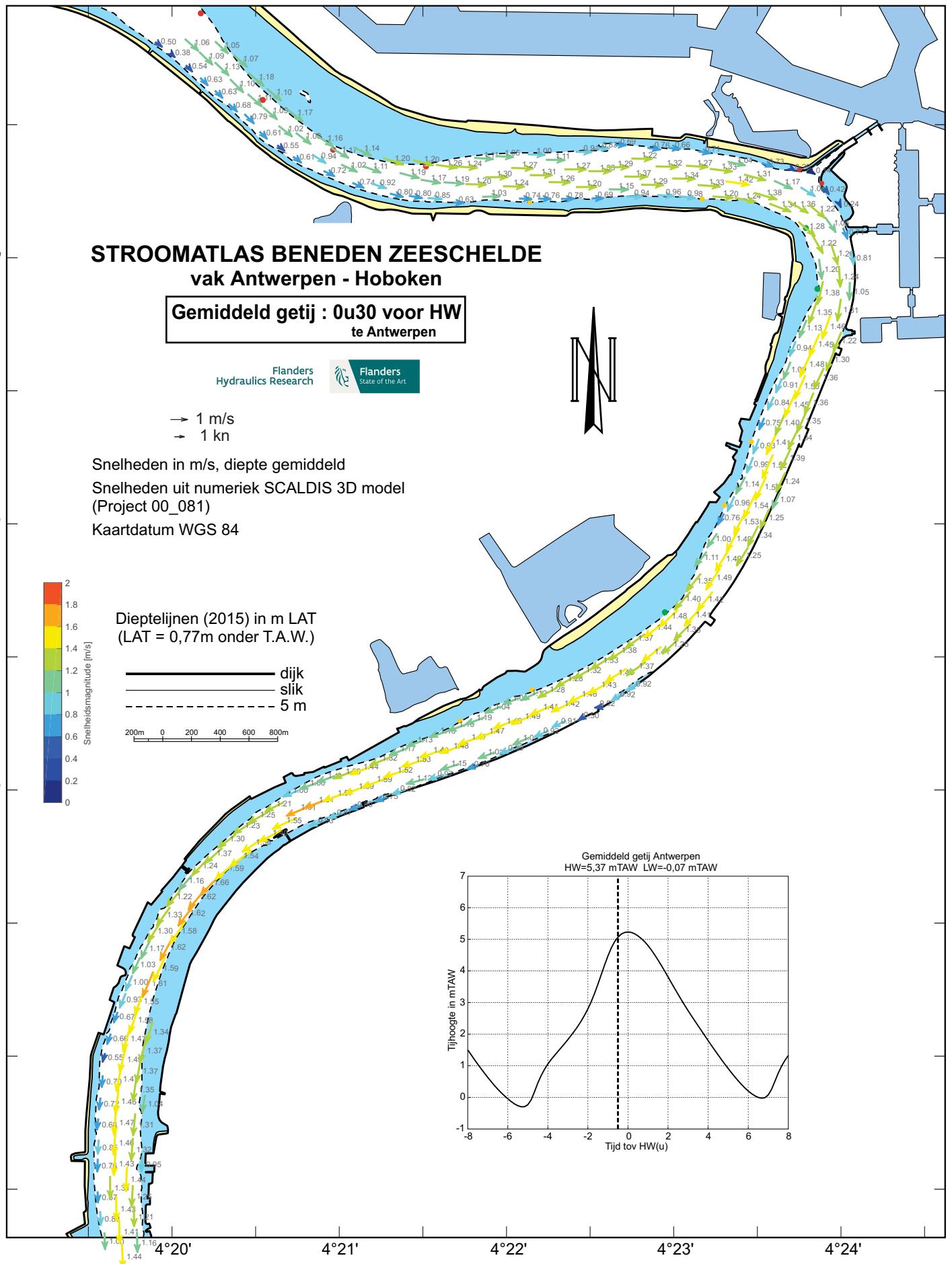


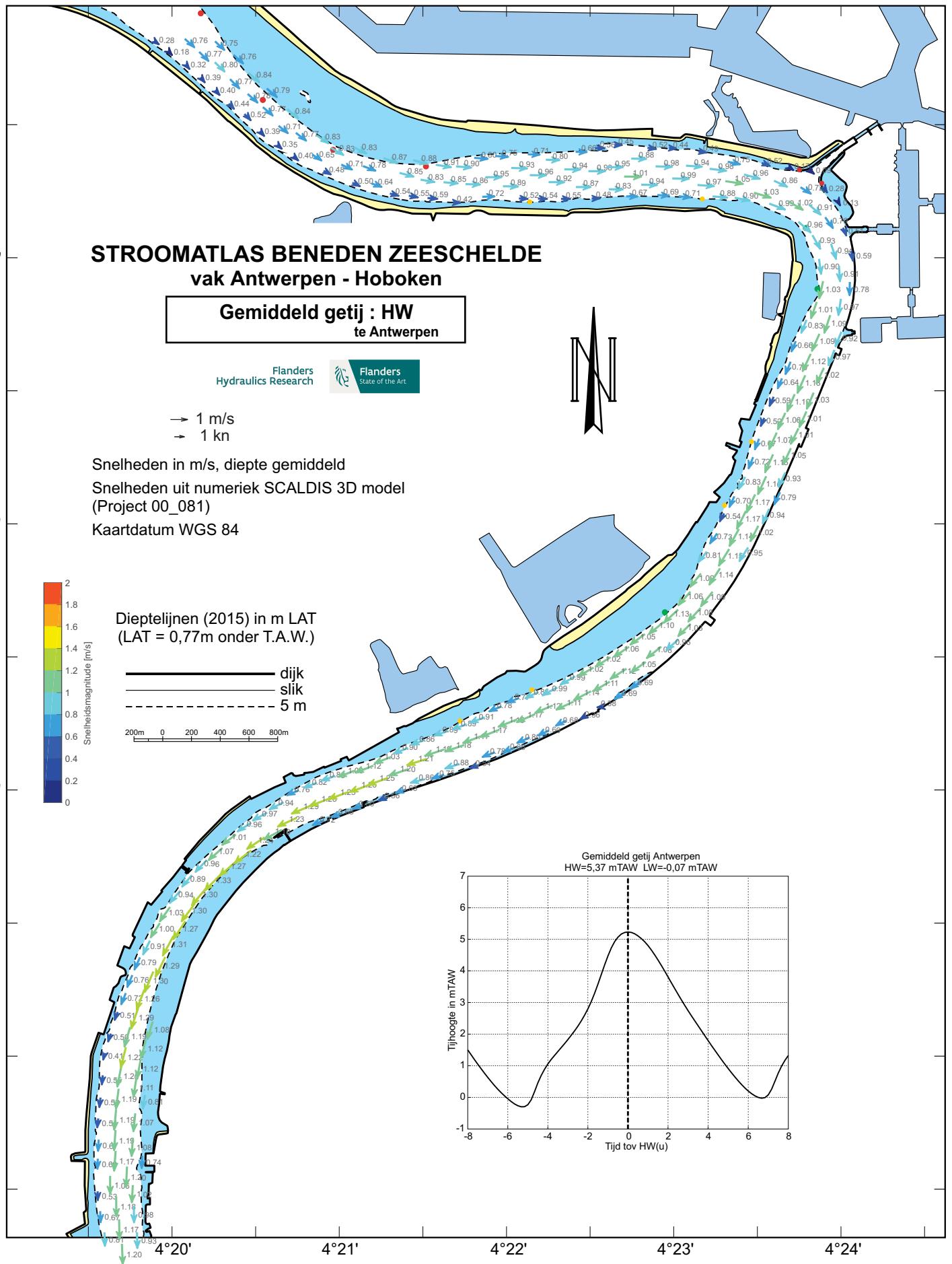


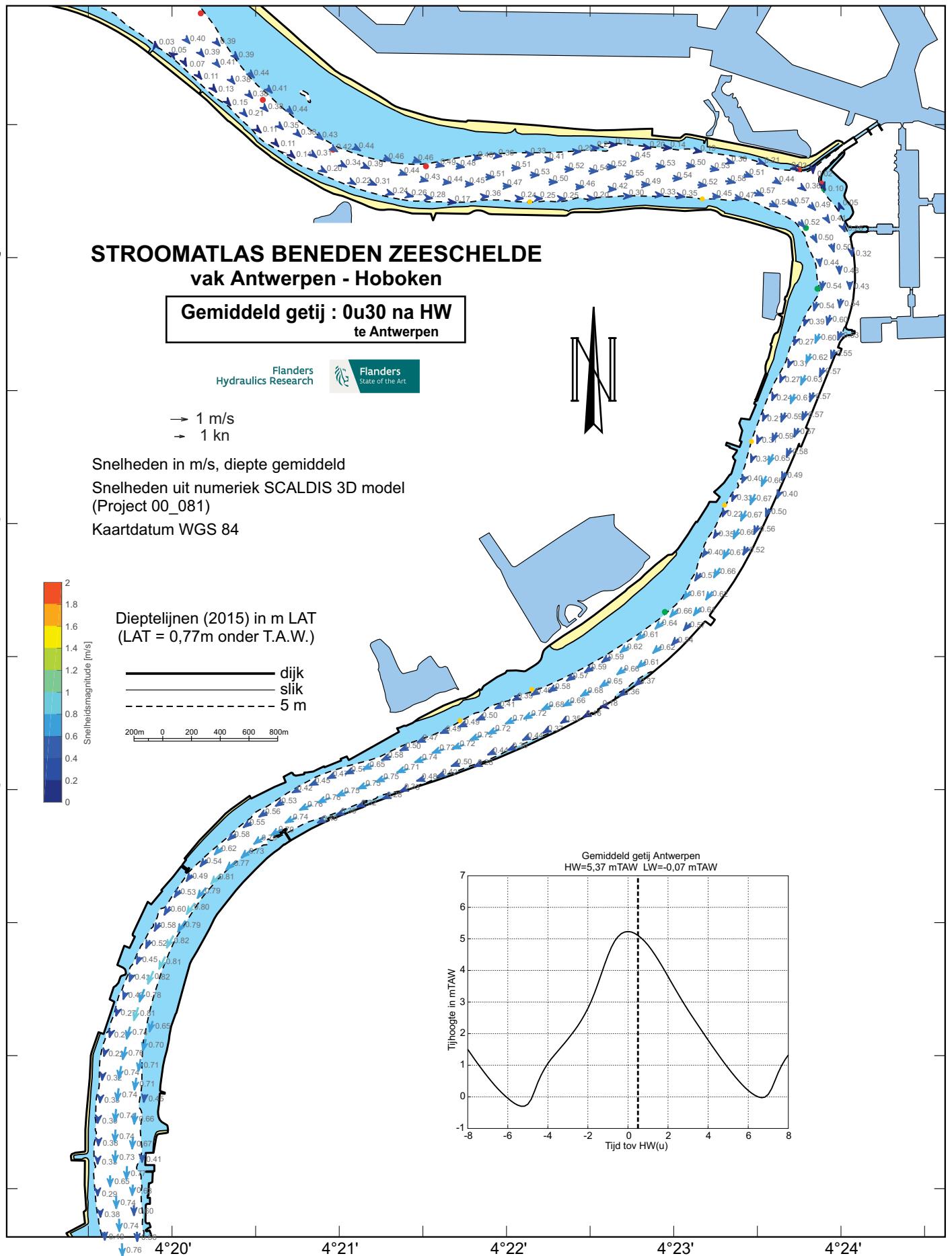


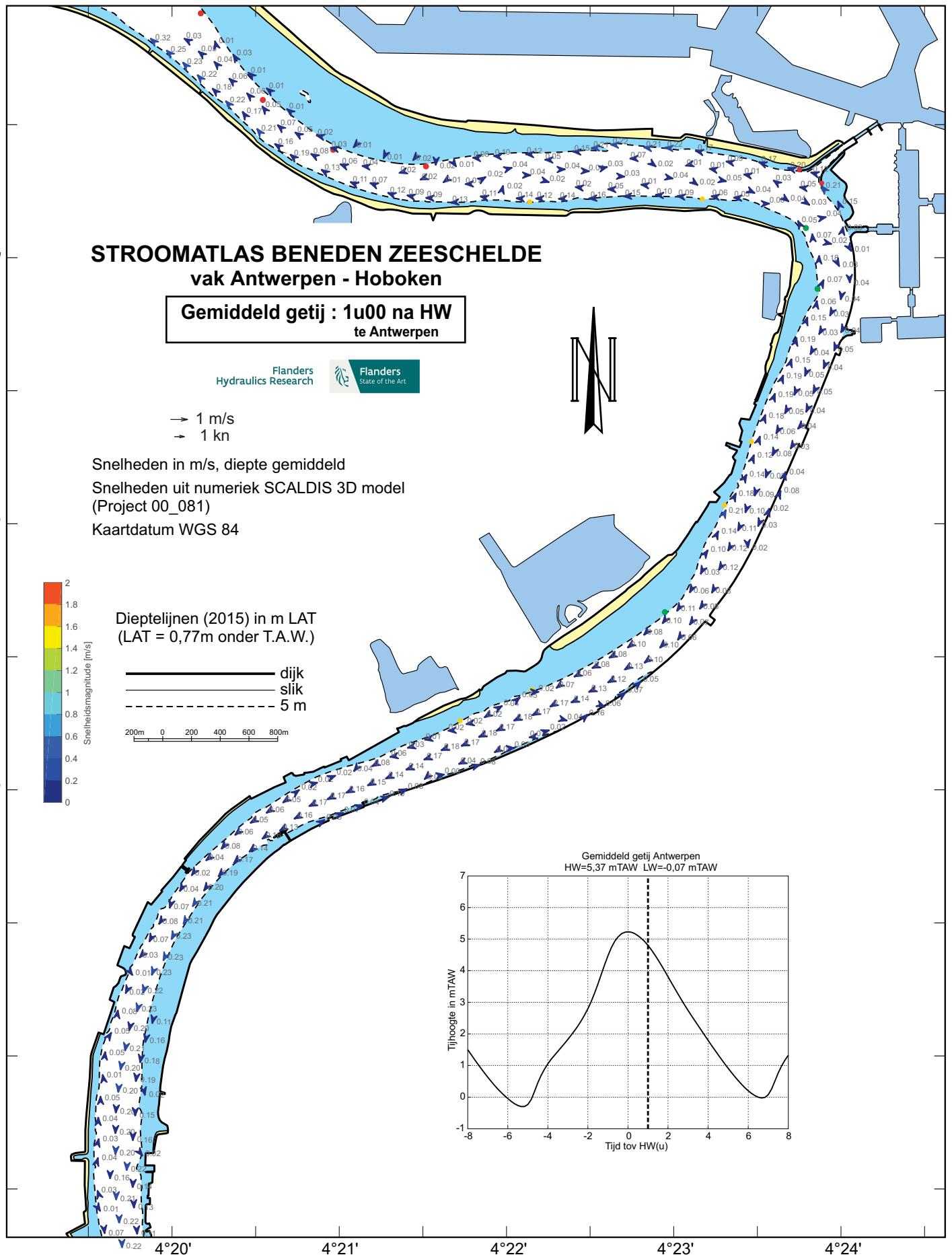


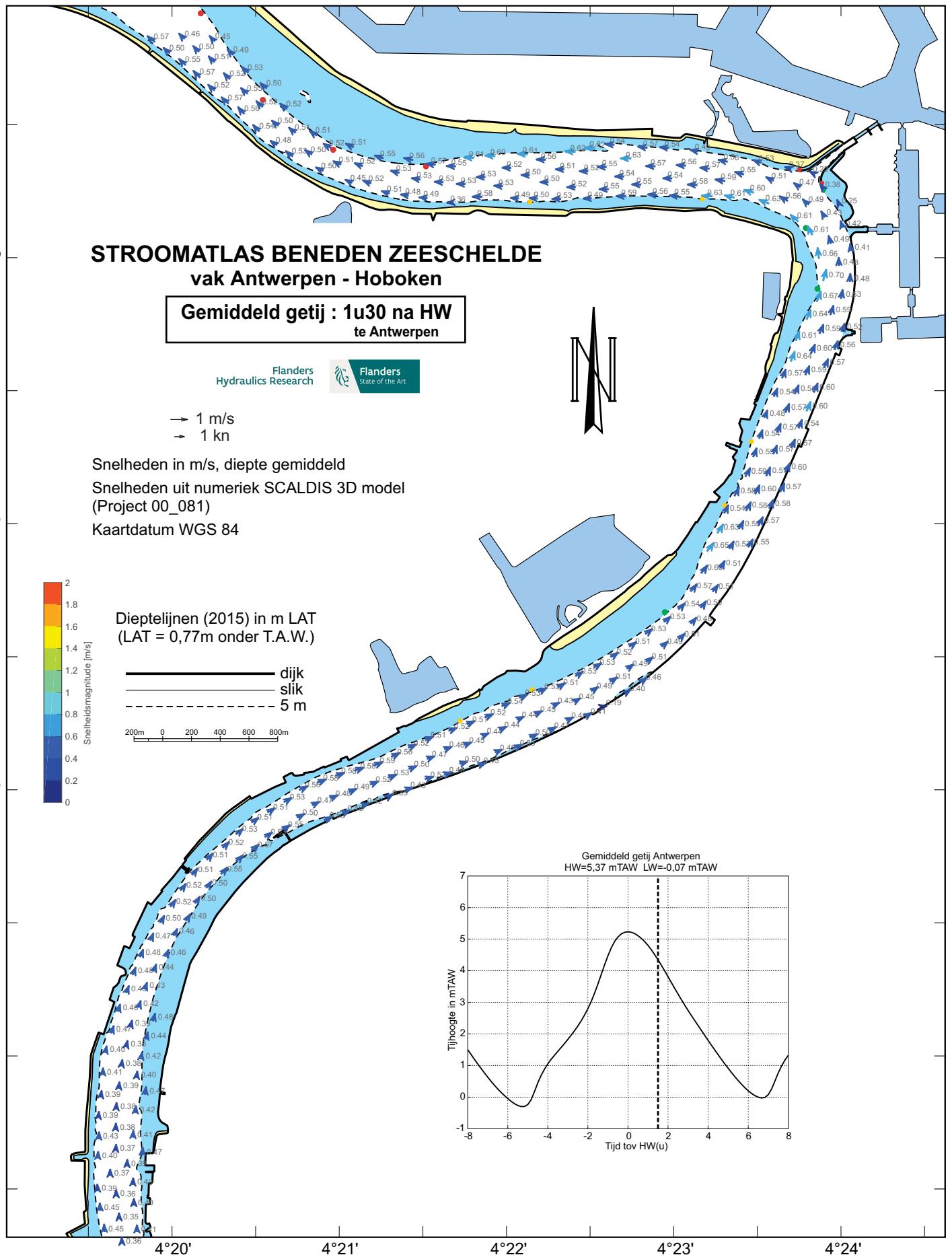


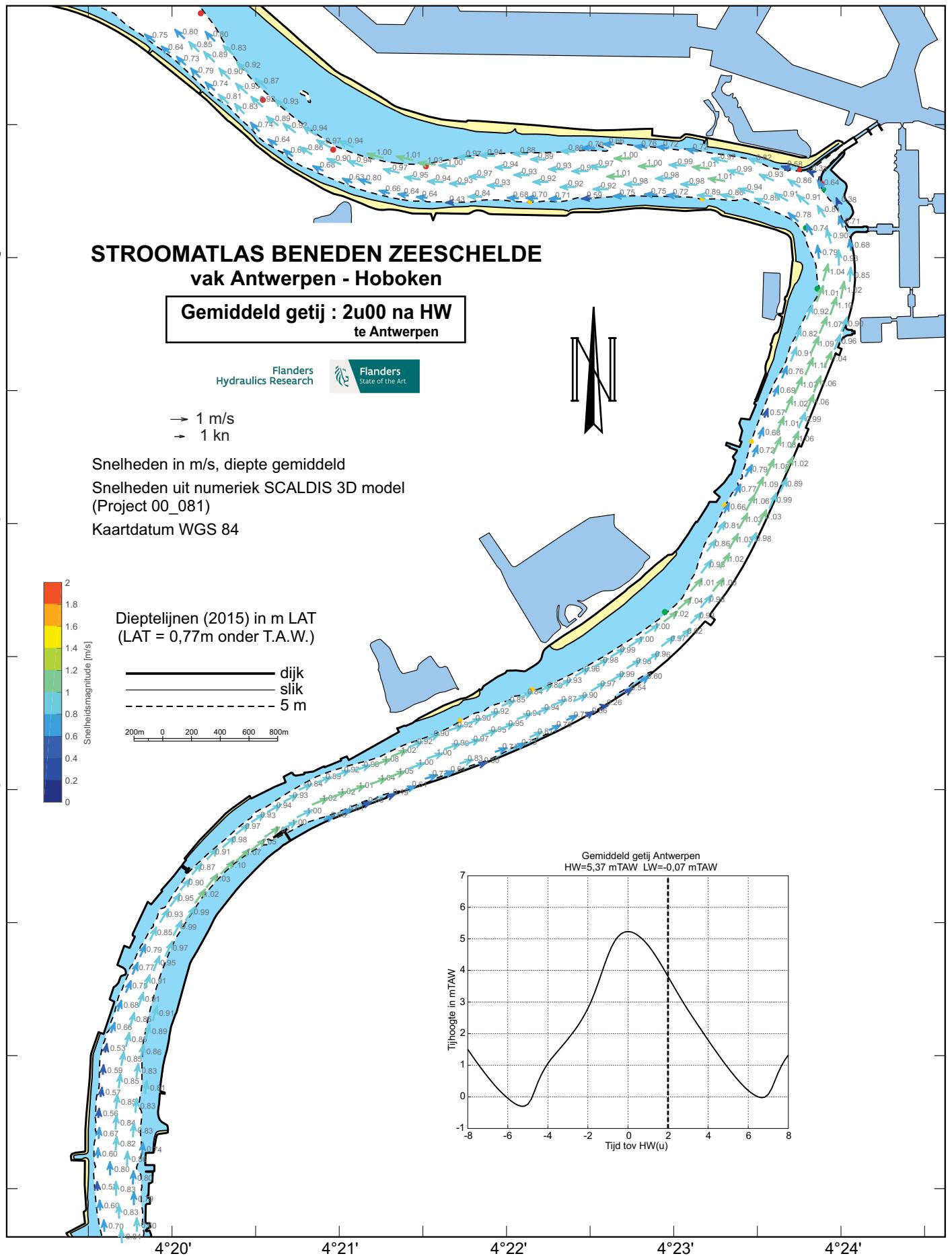


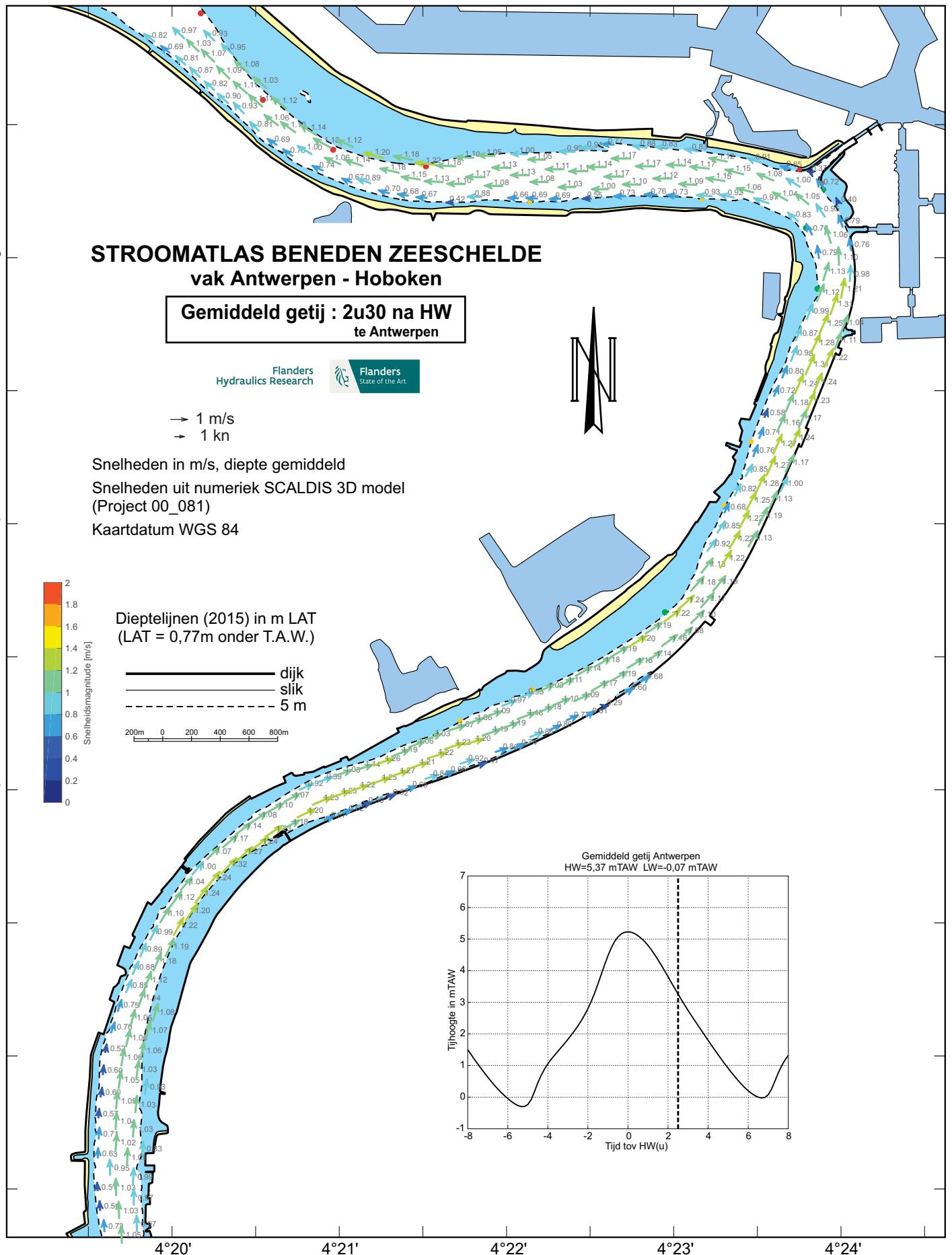


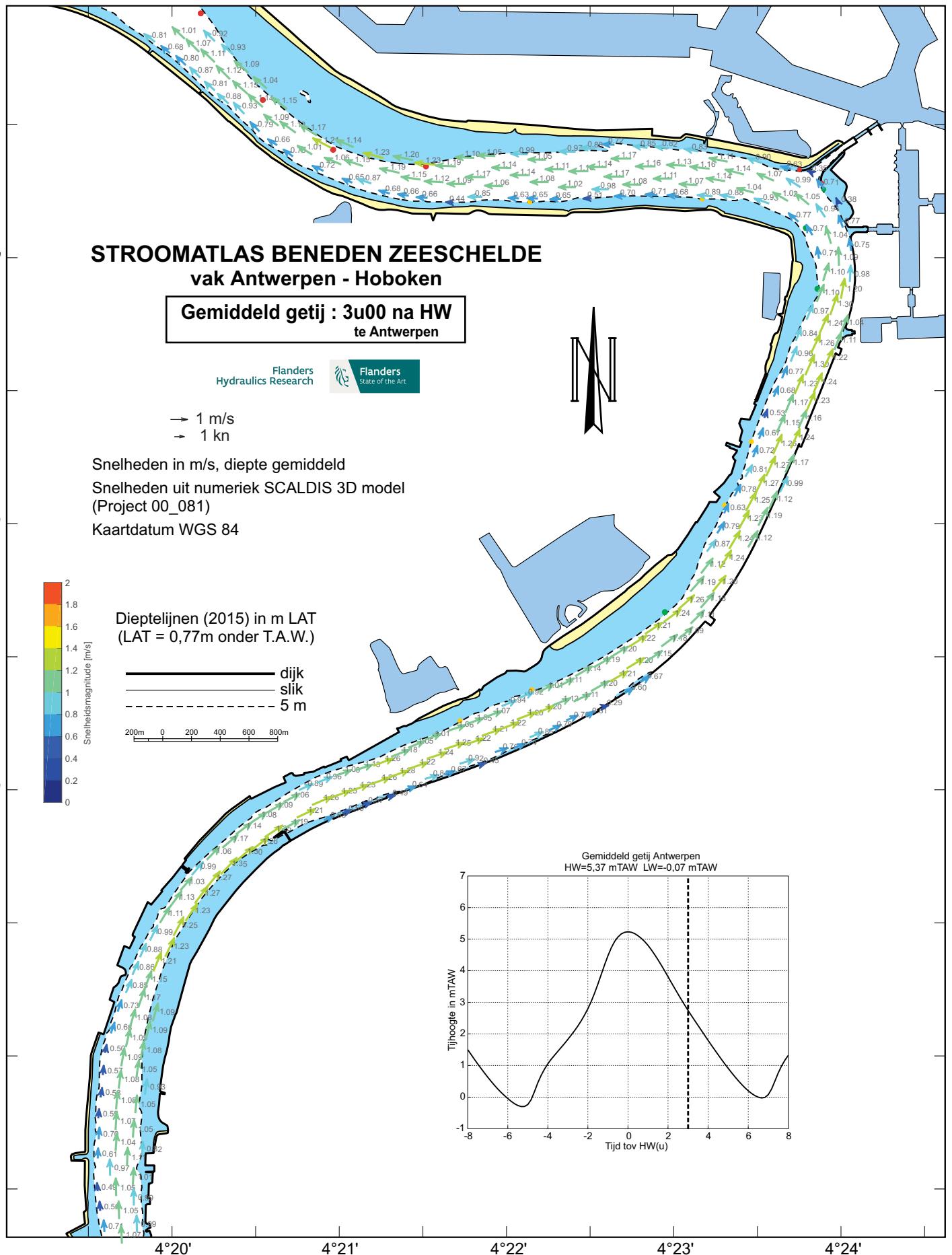


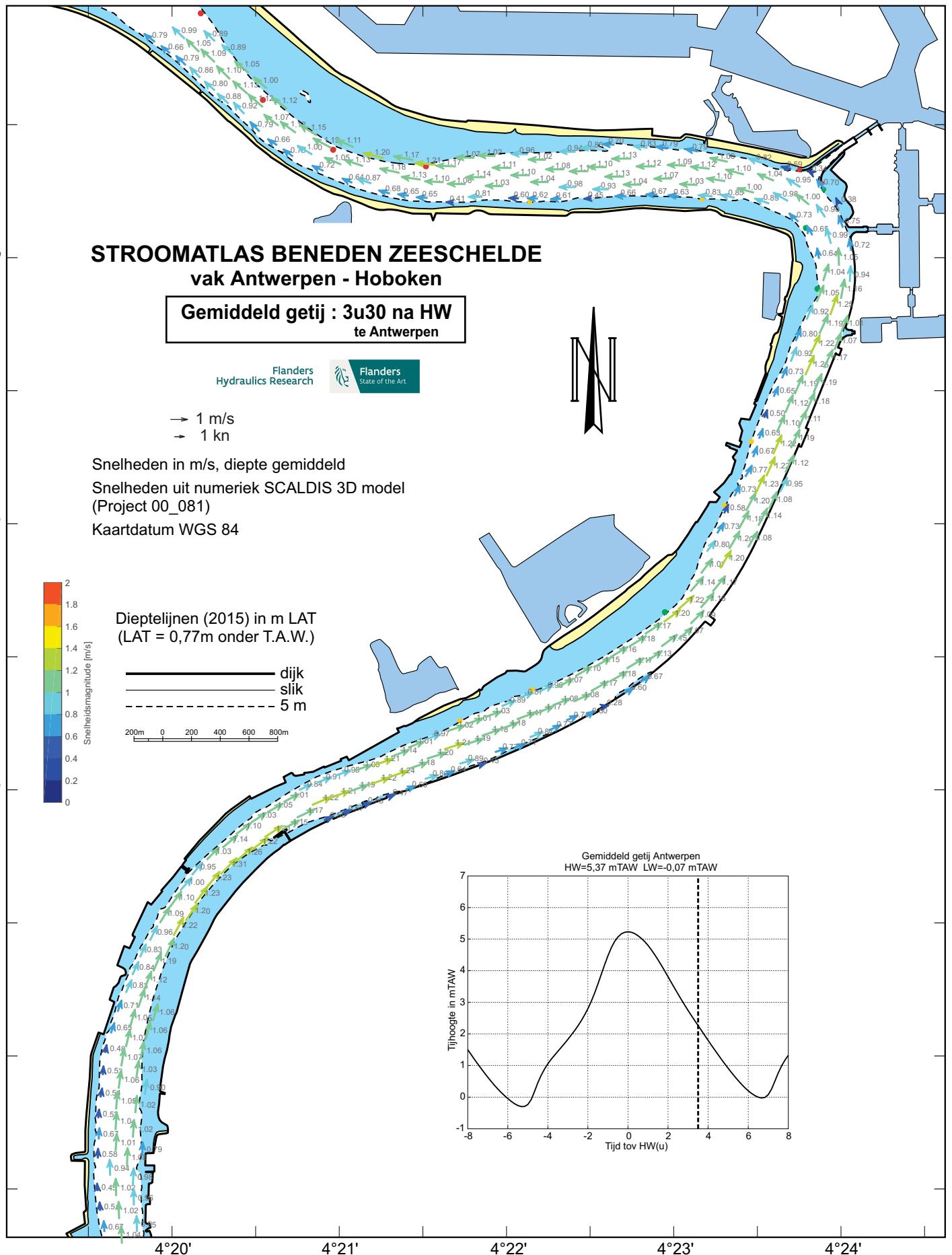


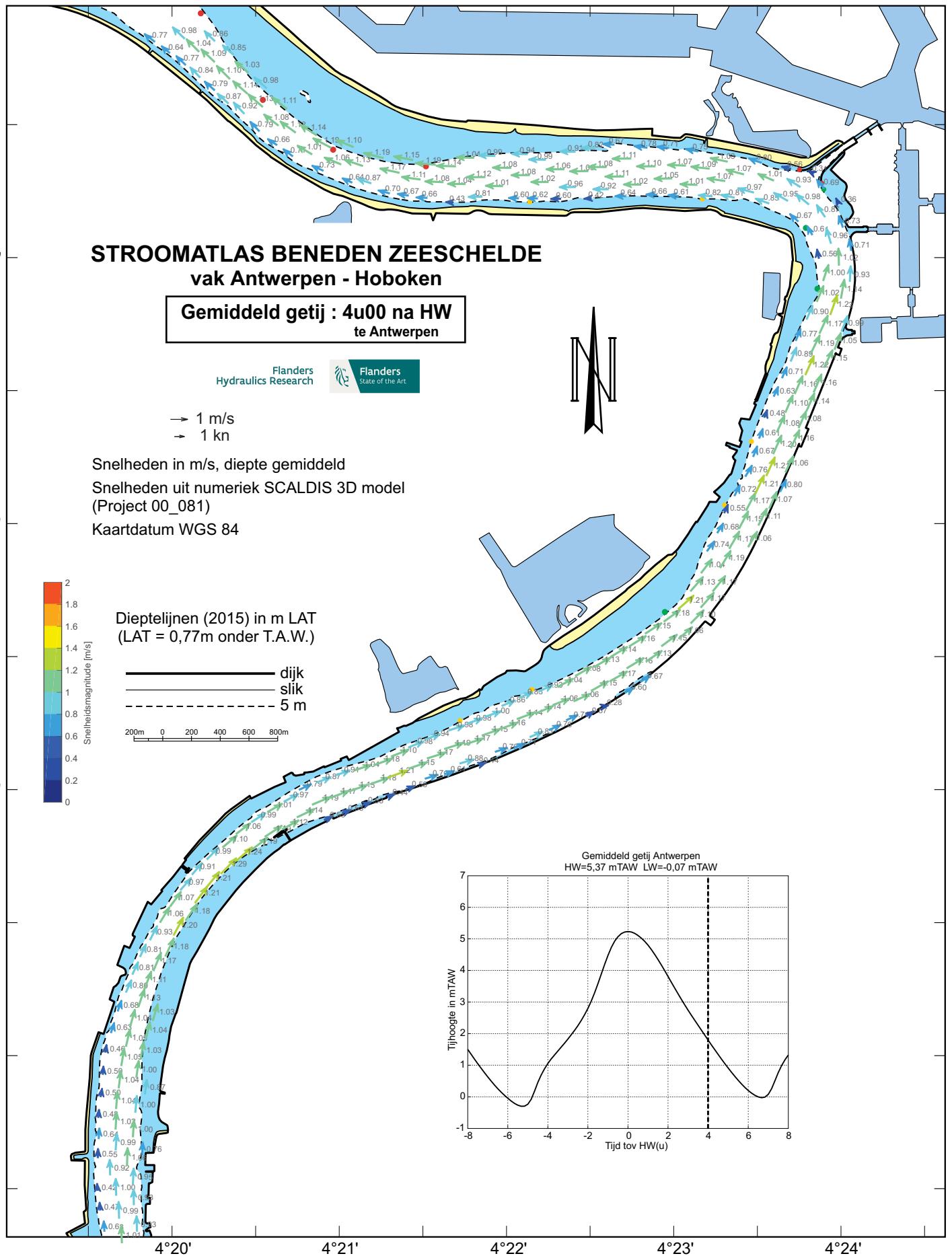


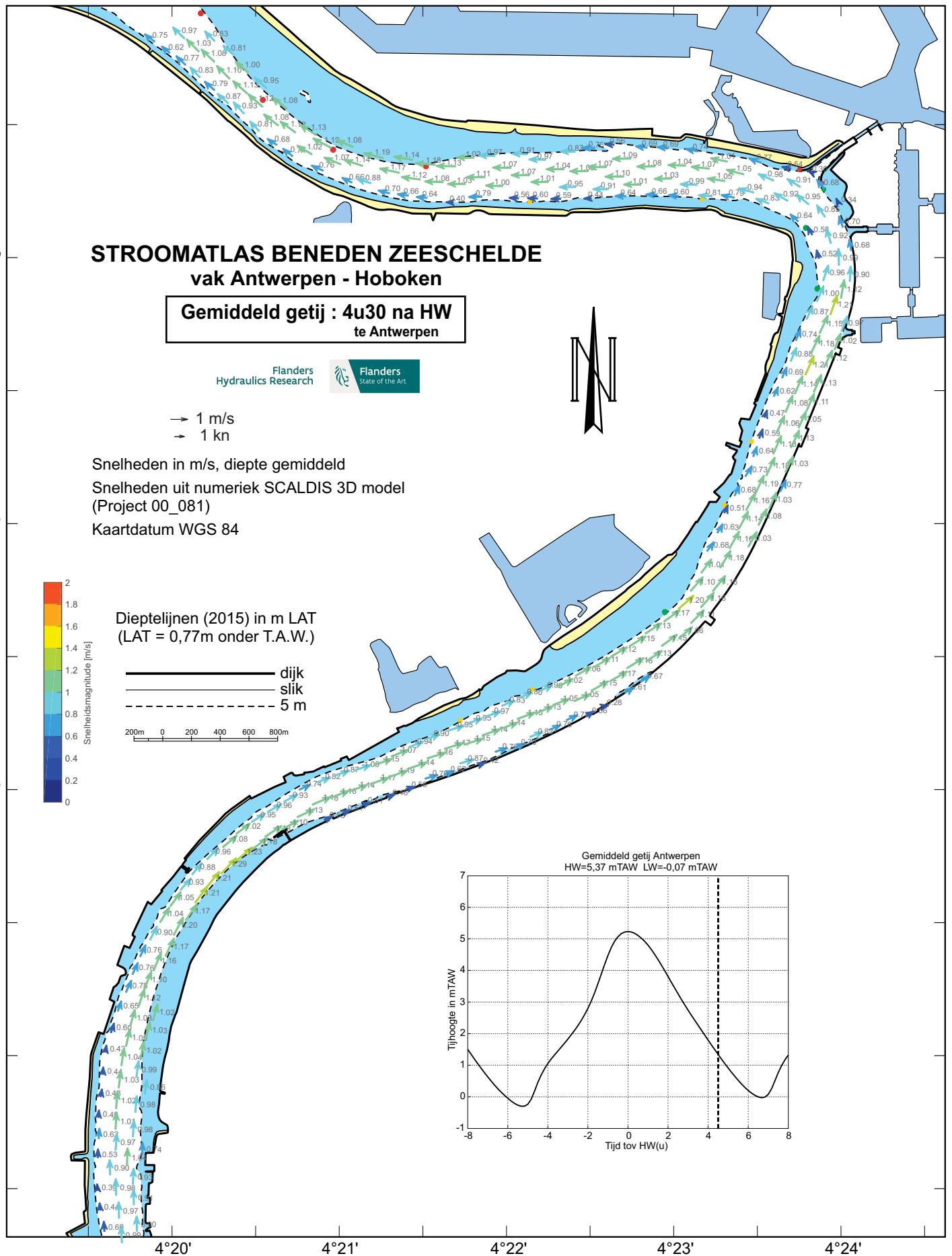


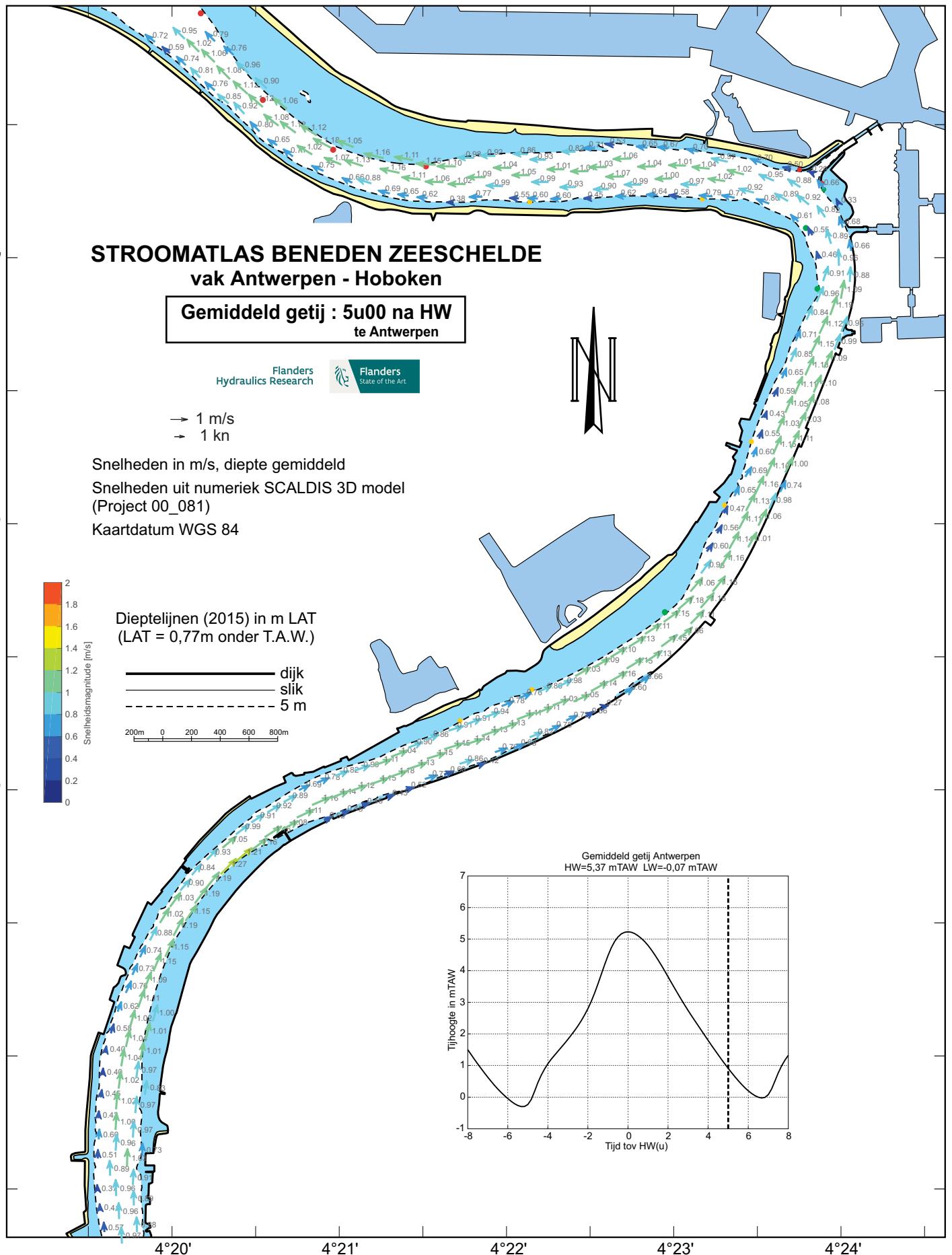


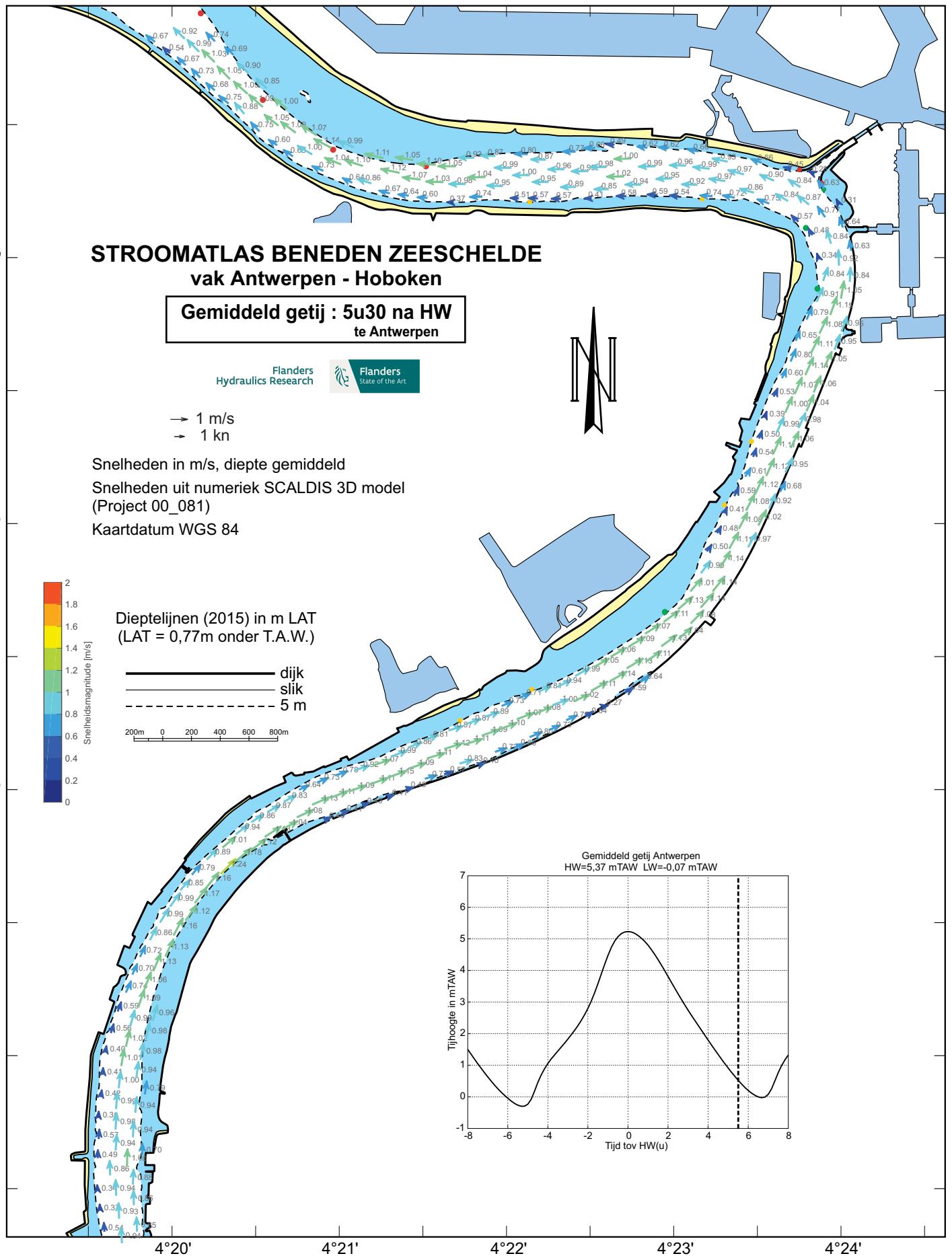


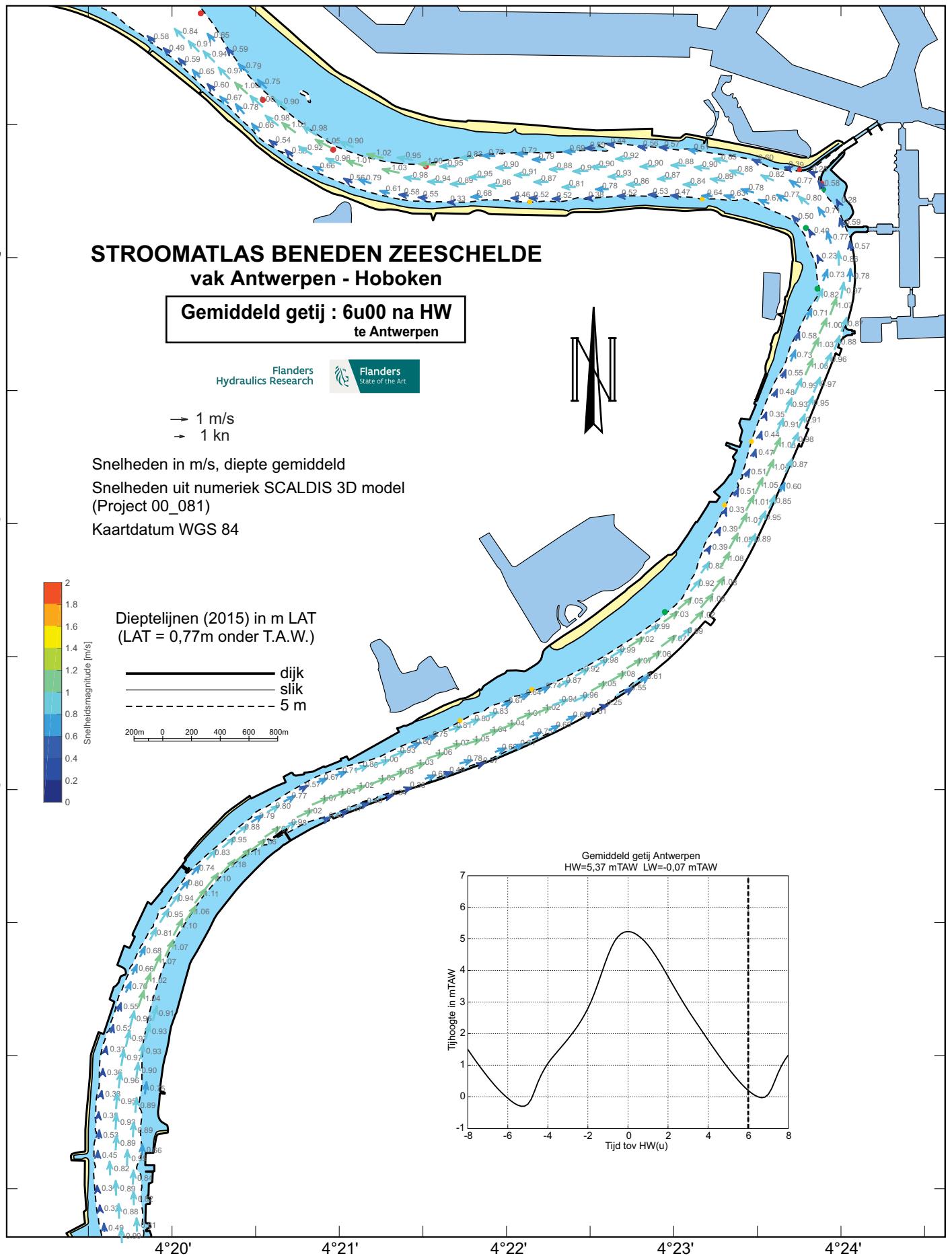


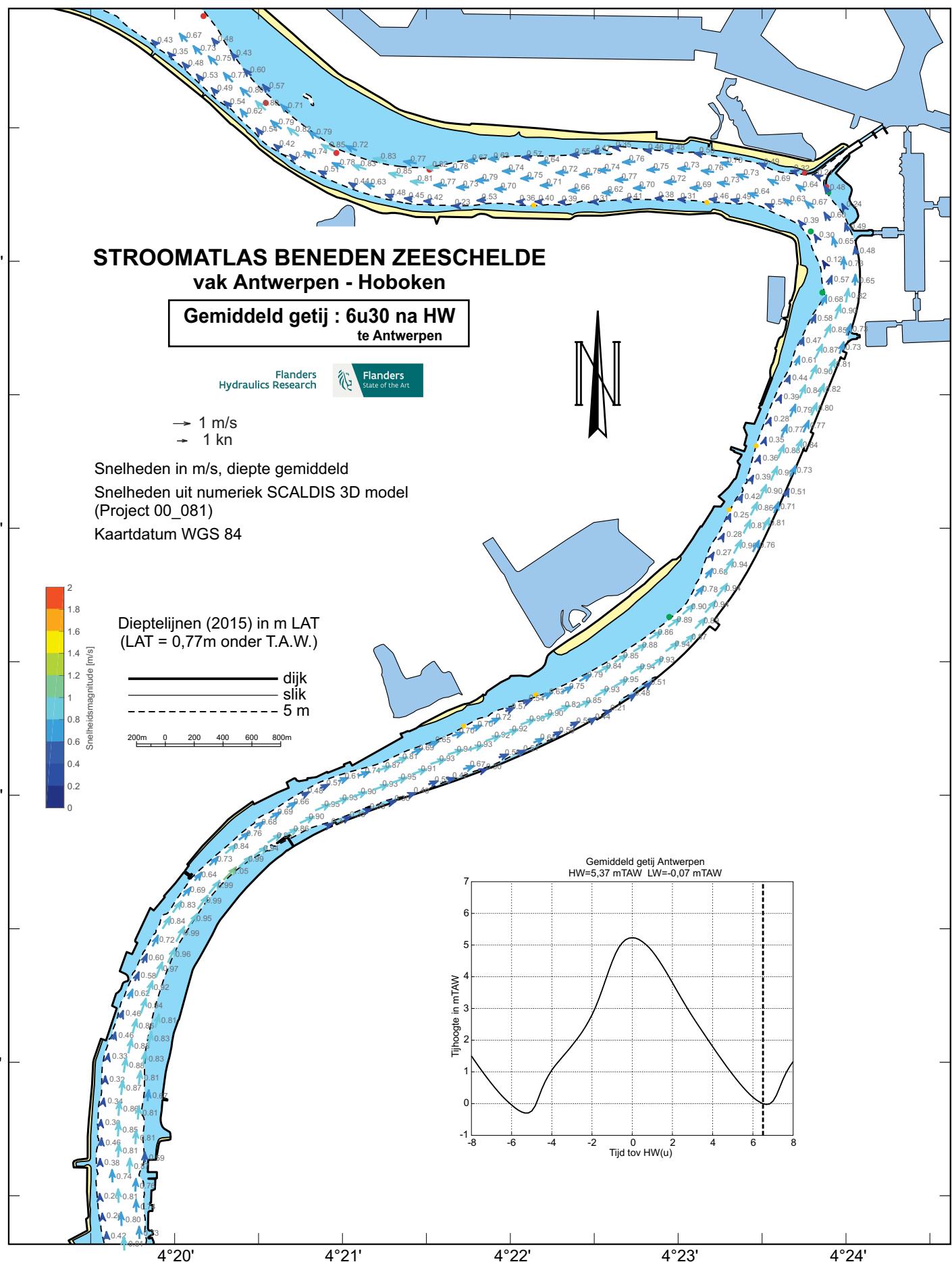












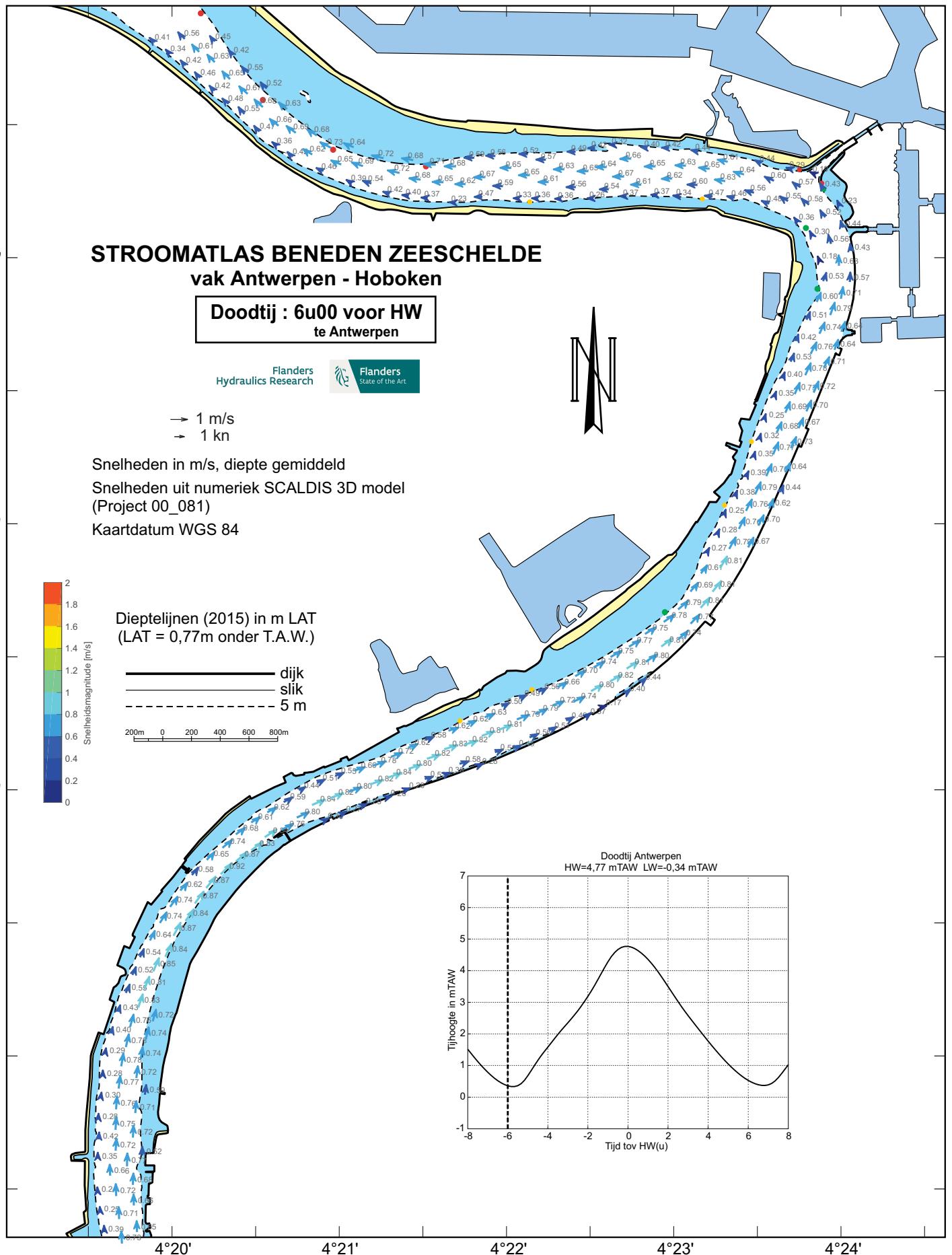


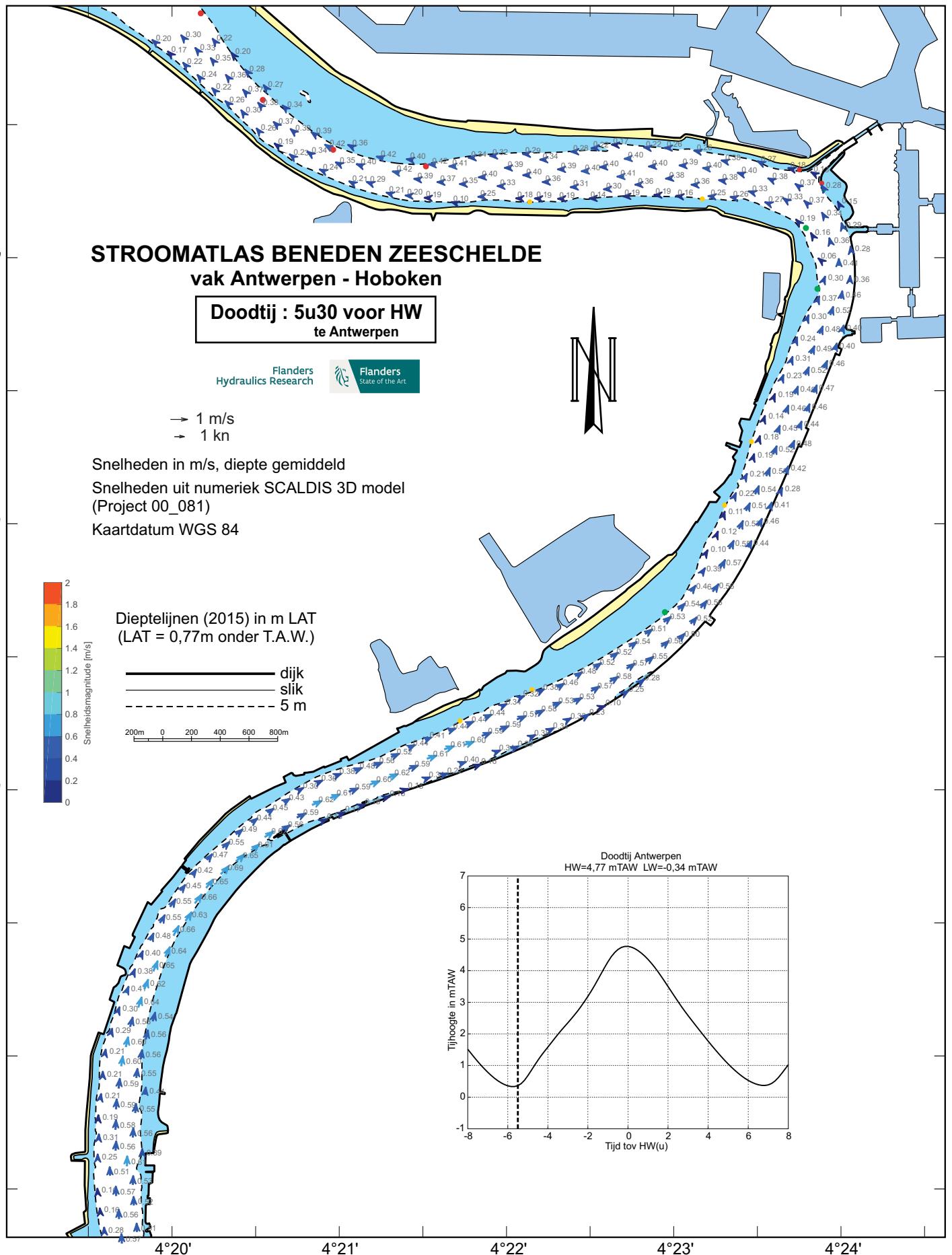
# **STROOMATLAS BENEDEN ZEESCHELDE**

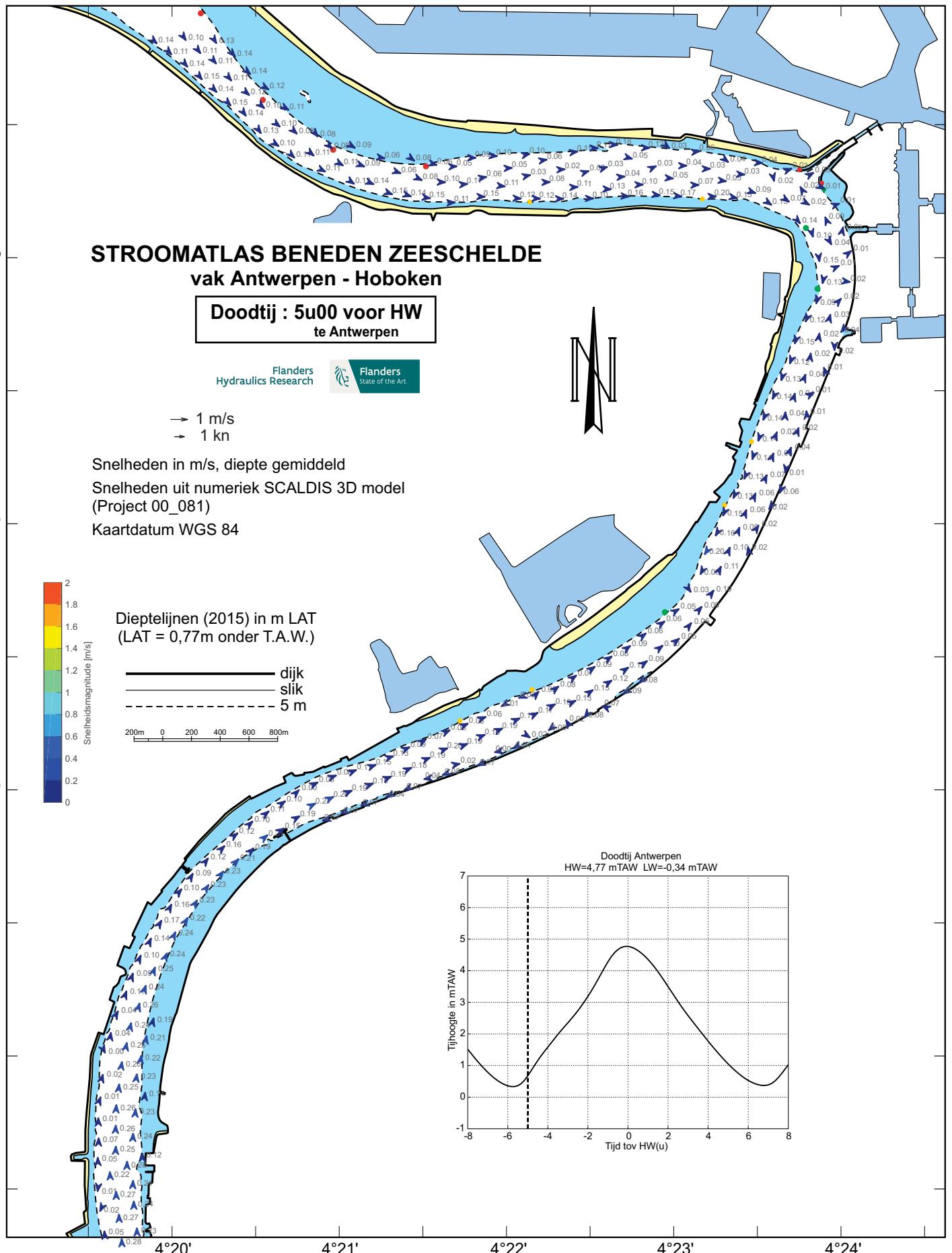
vak Antwerpen - Hoboken

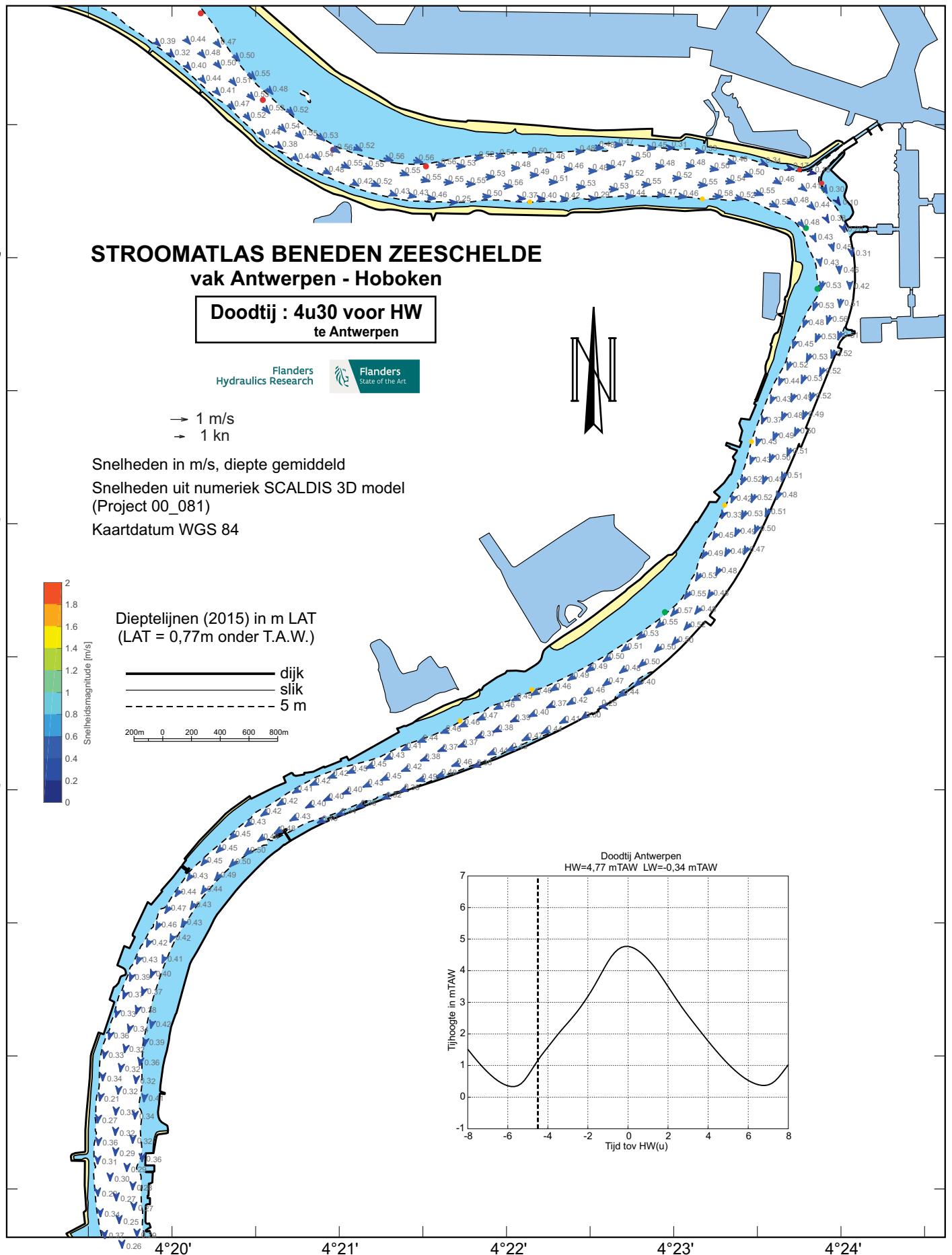
**DOODTIJ**

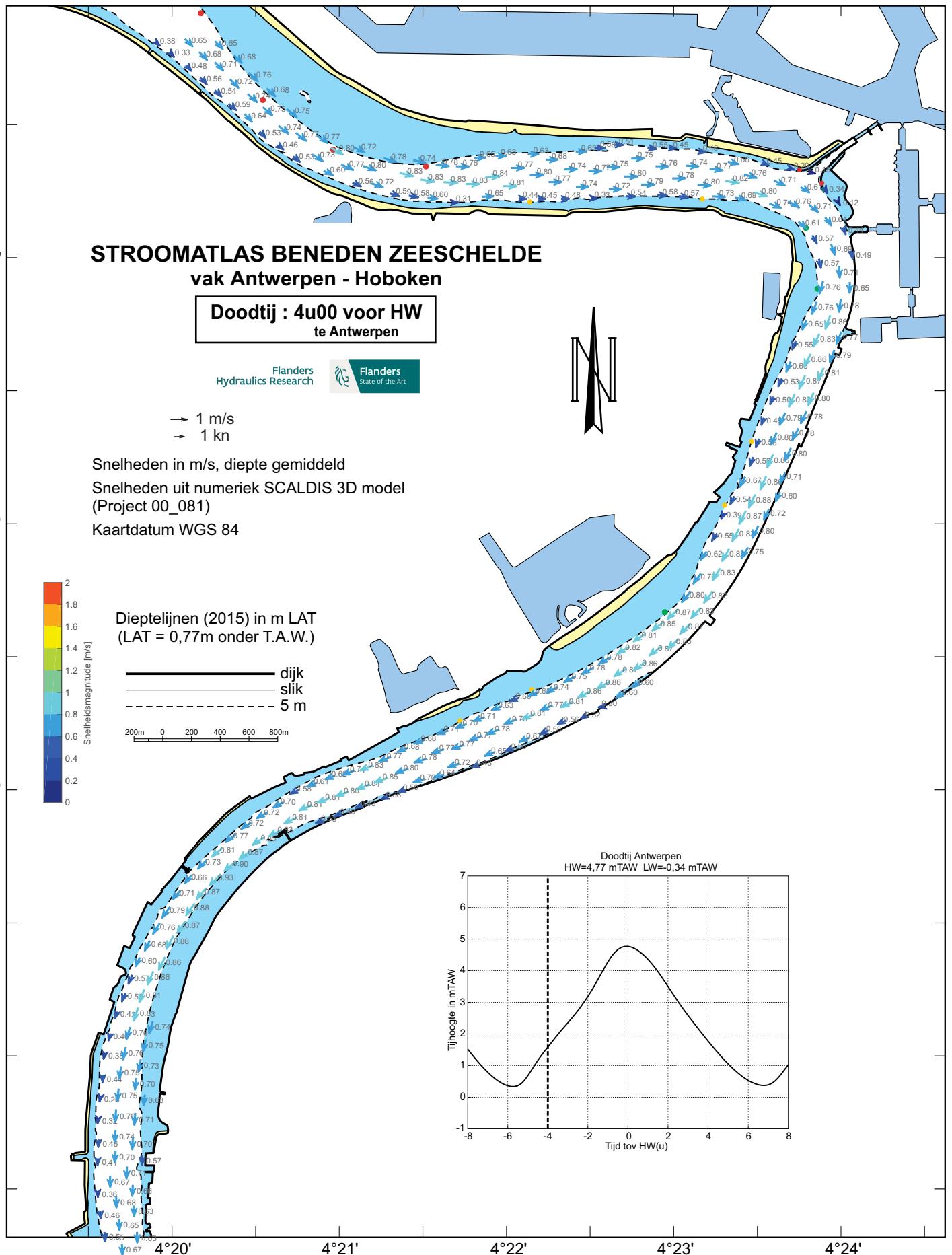
*Vlaamse overheid  
Departement Mobiliteit en Openbare Werken  
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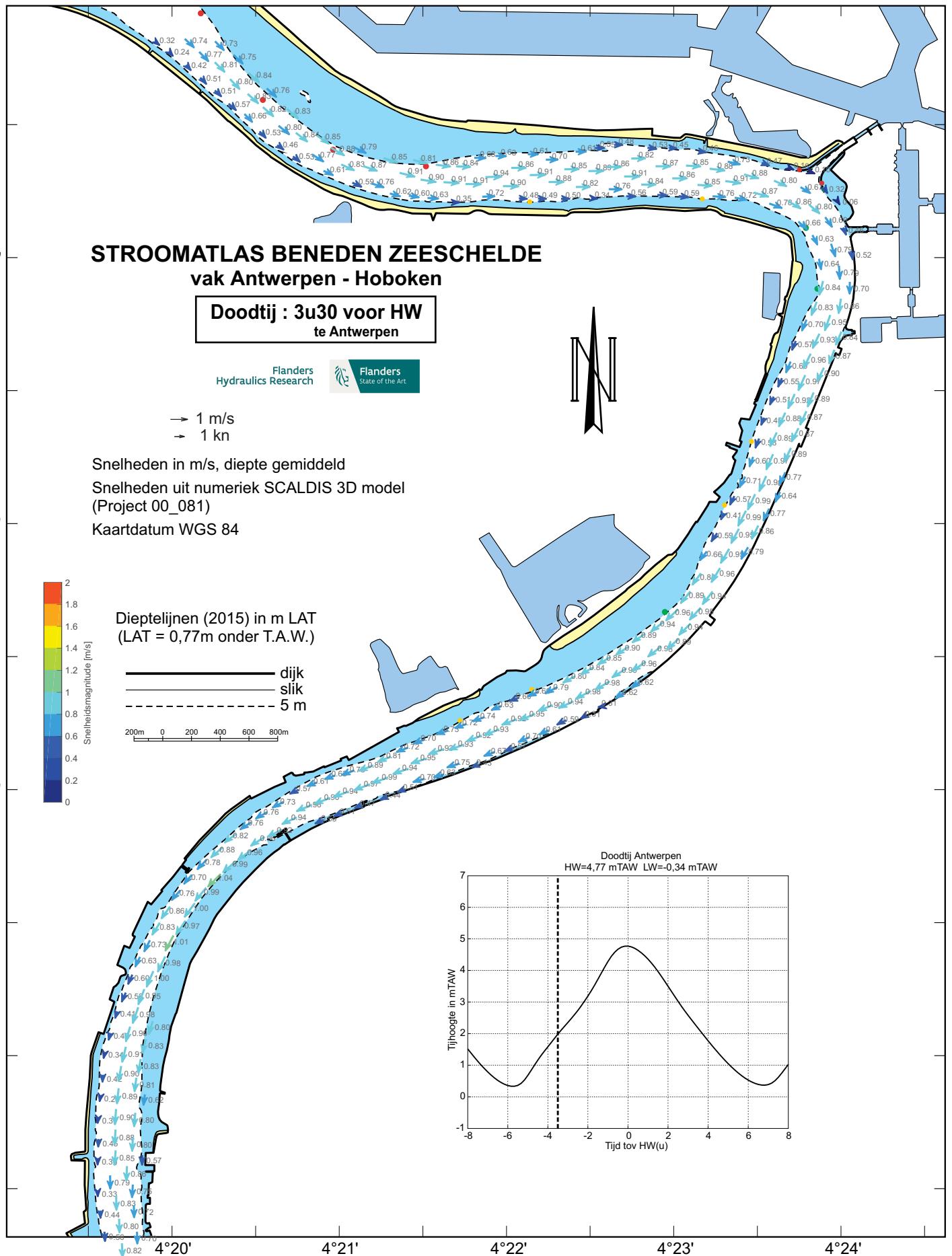


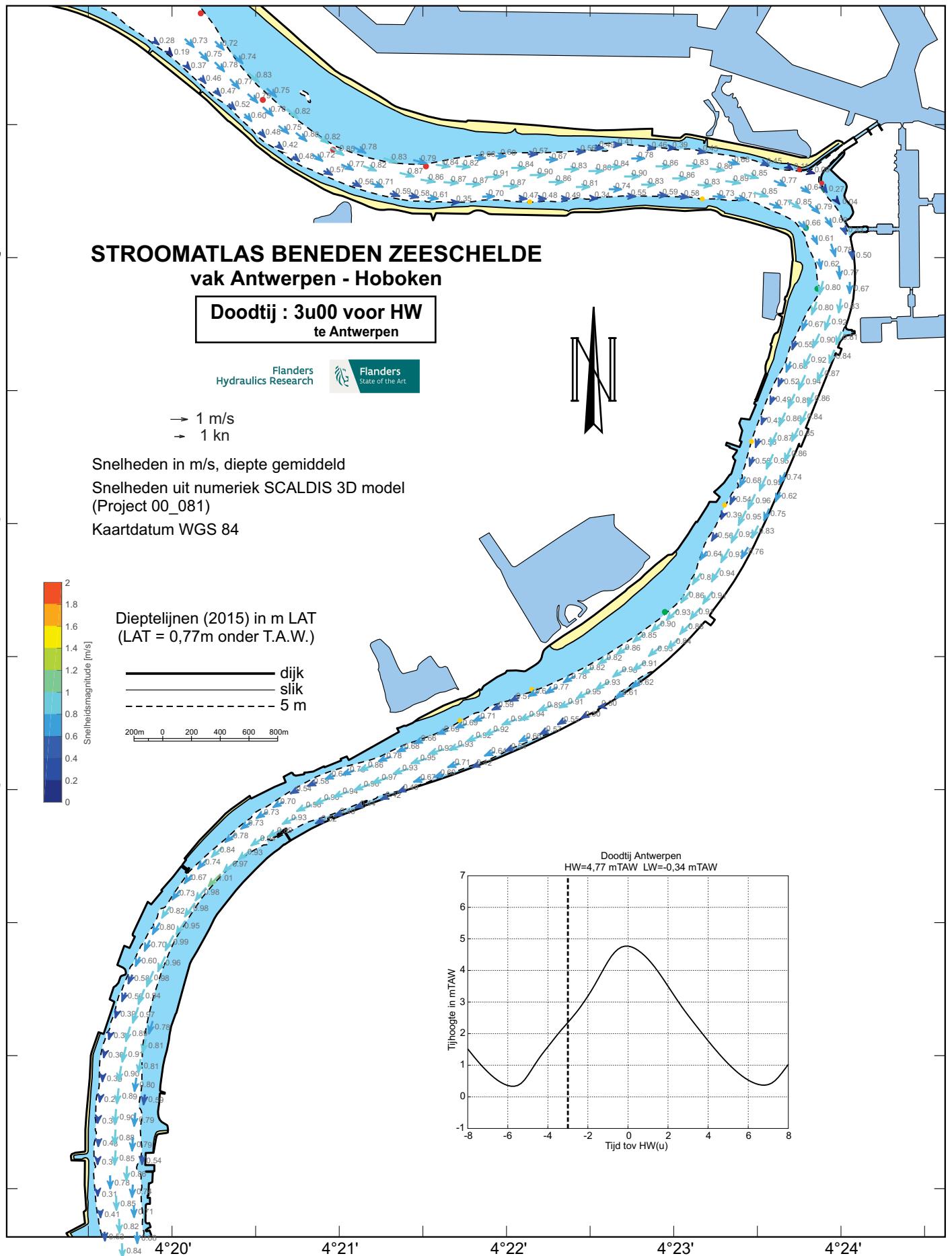


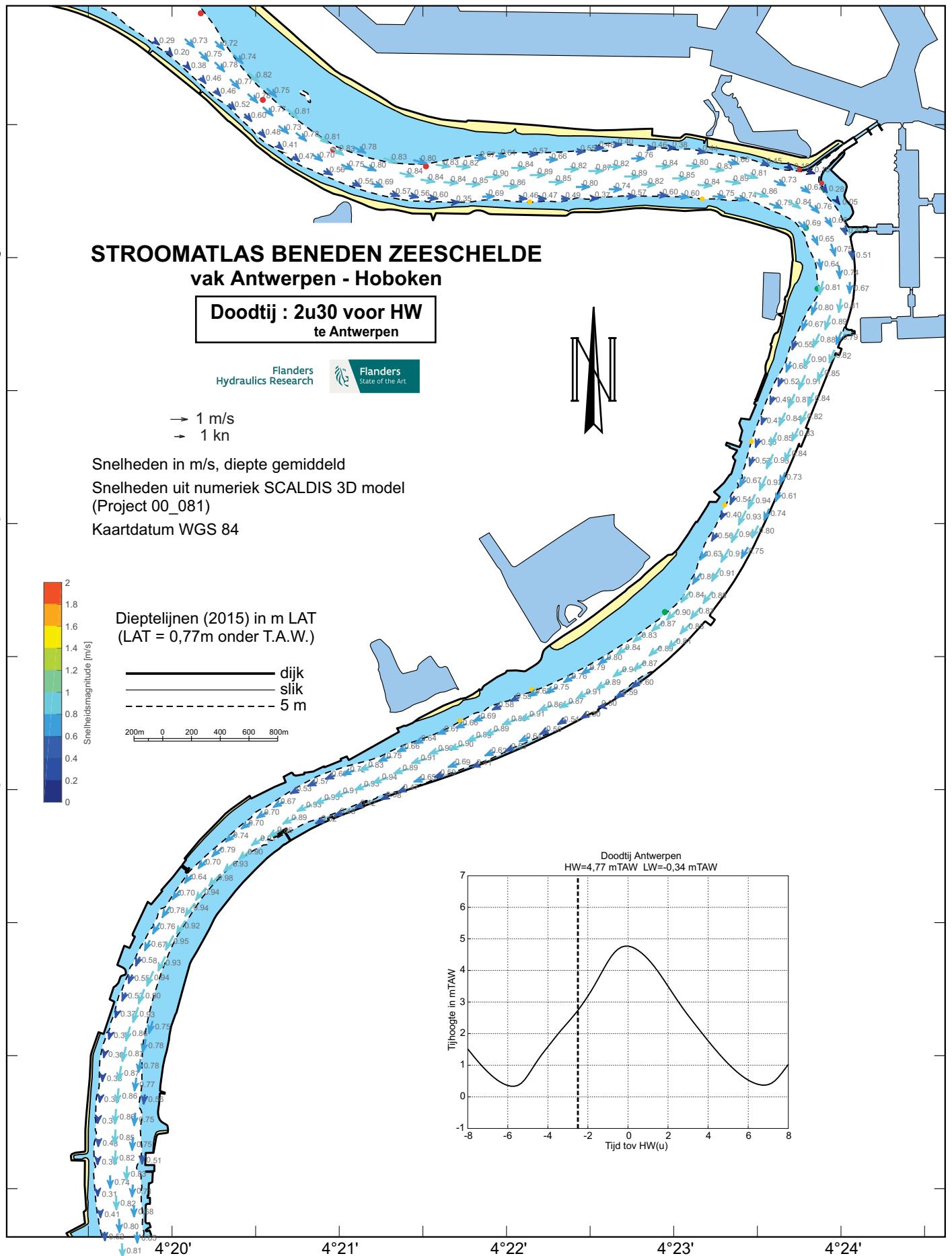


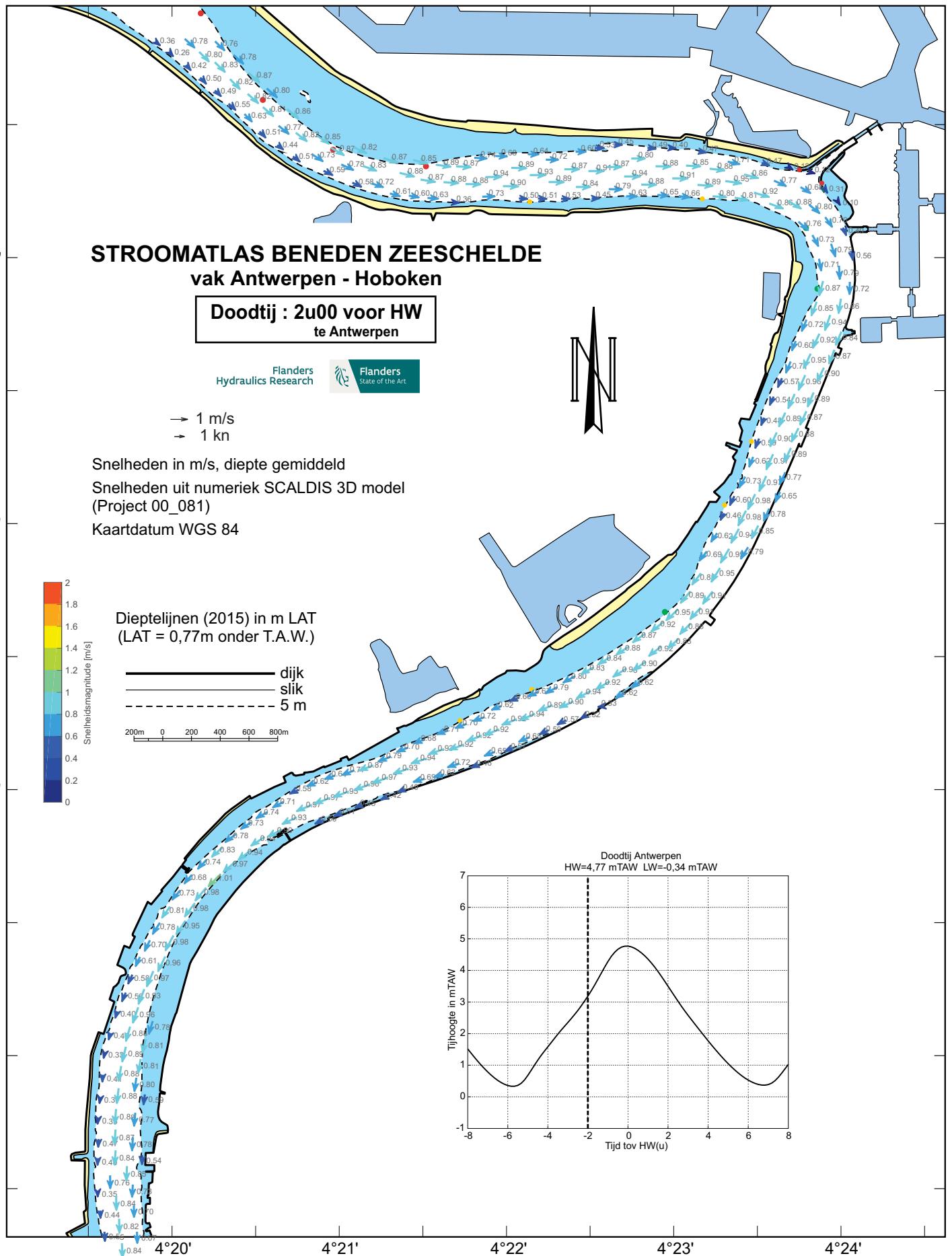


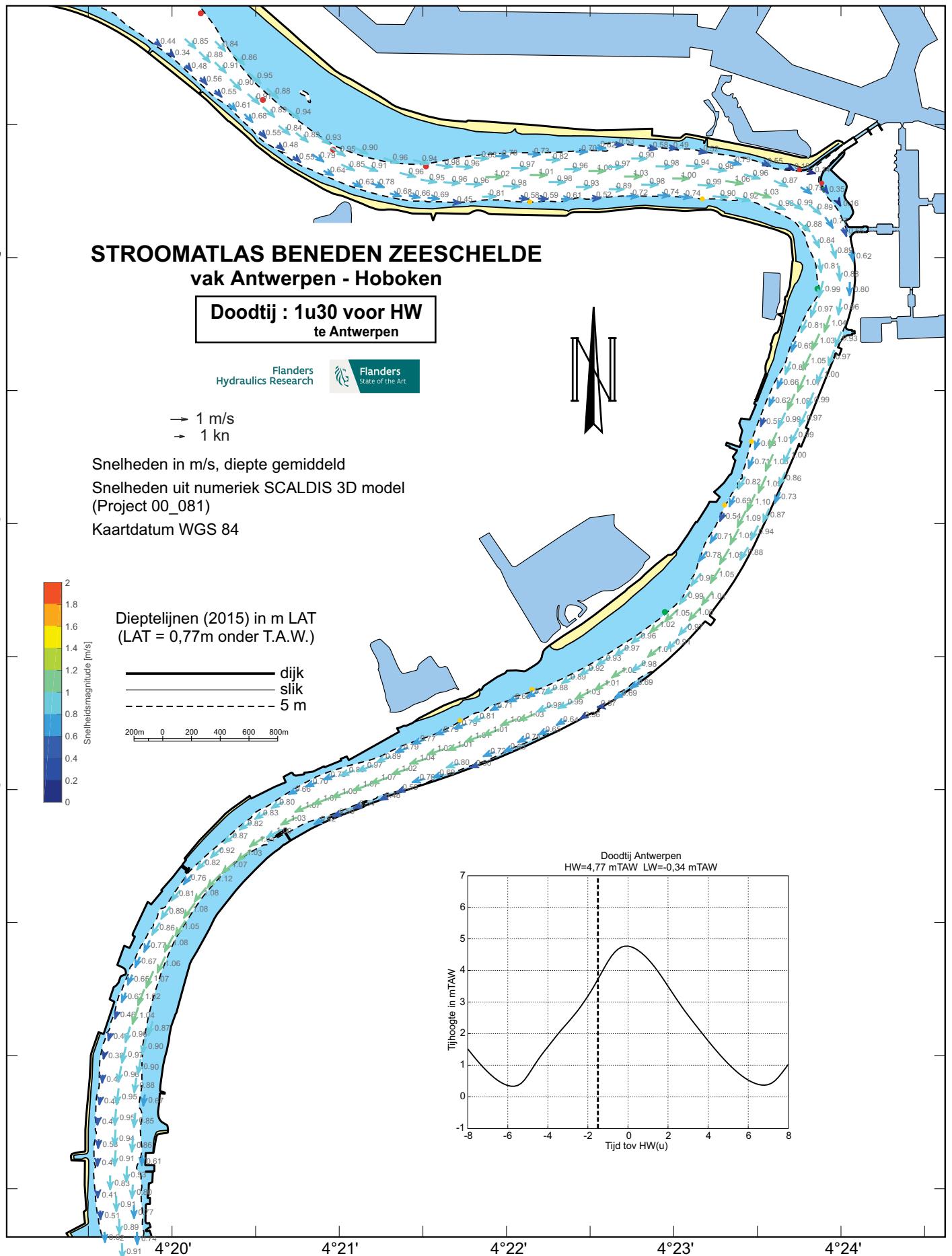


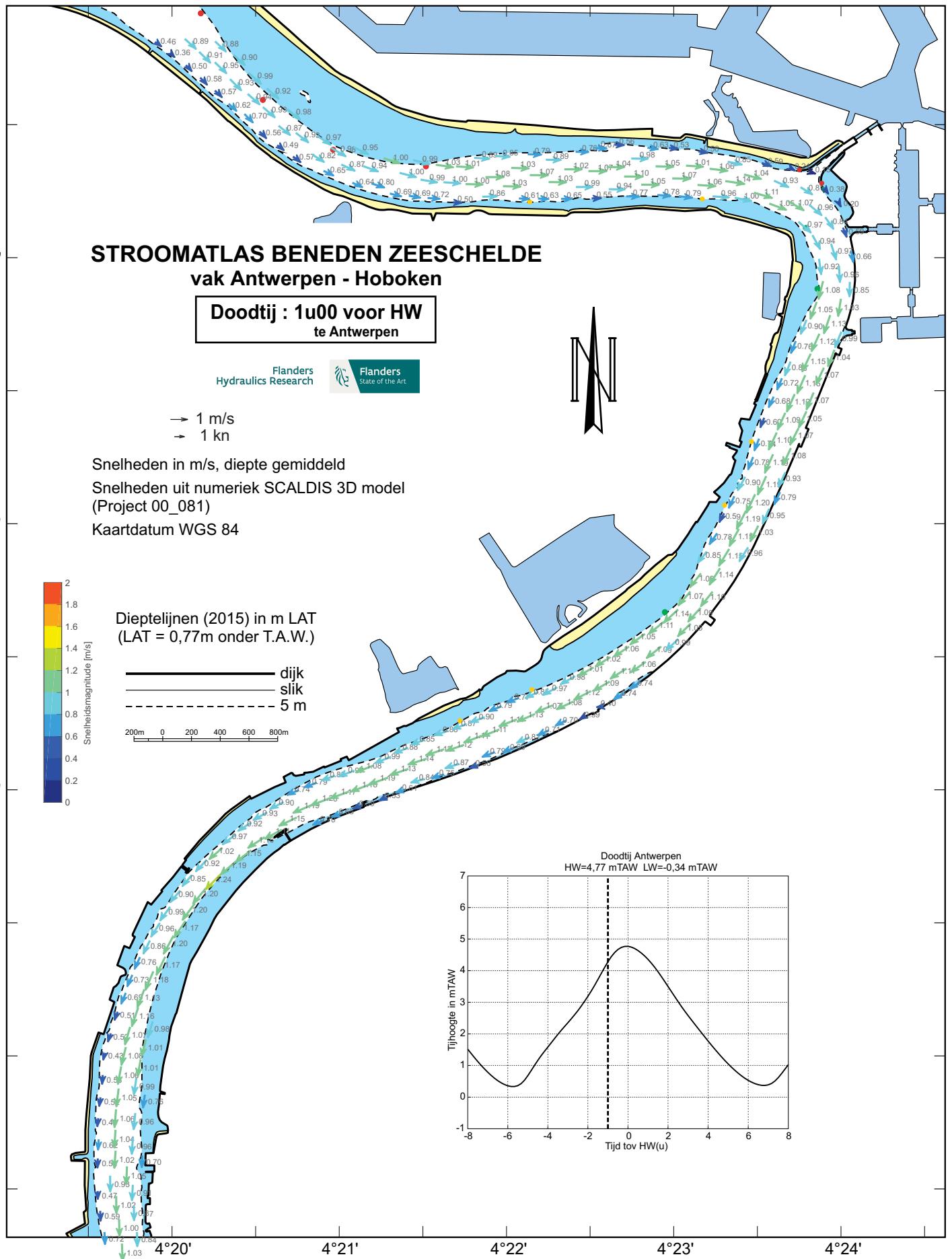


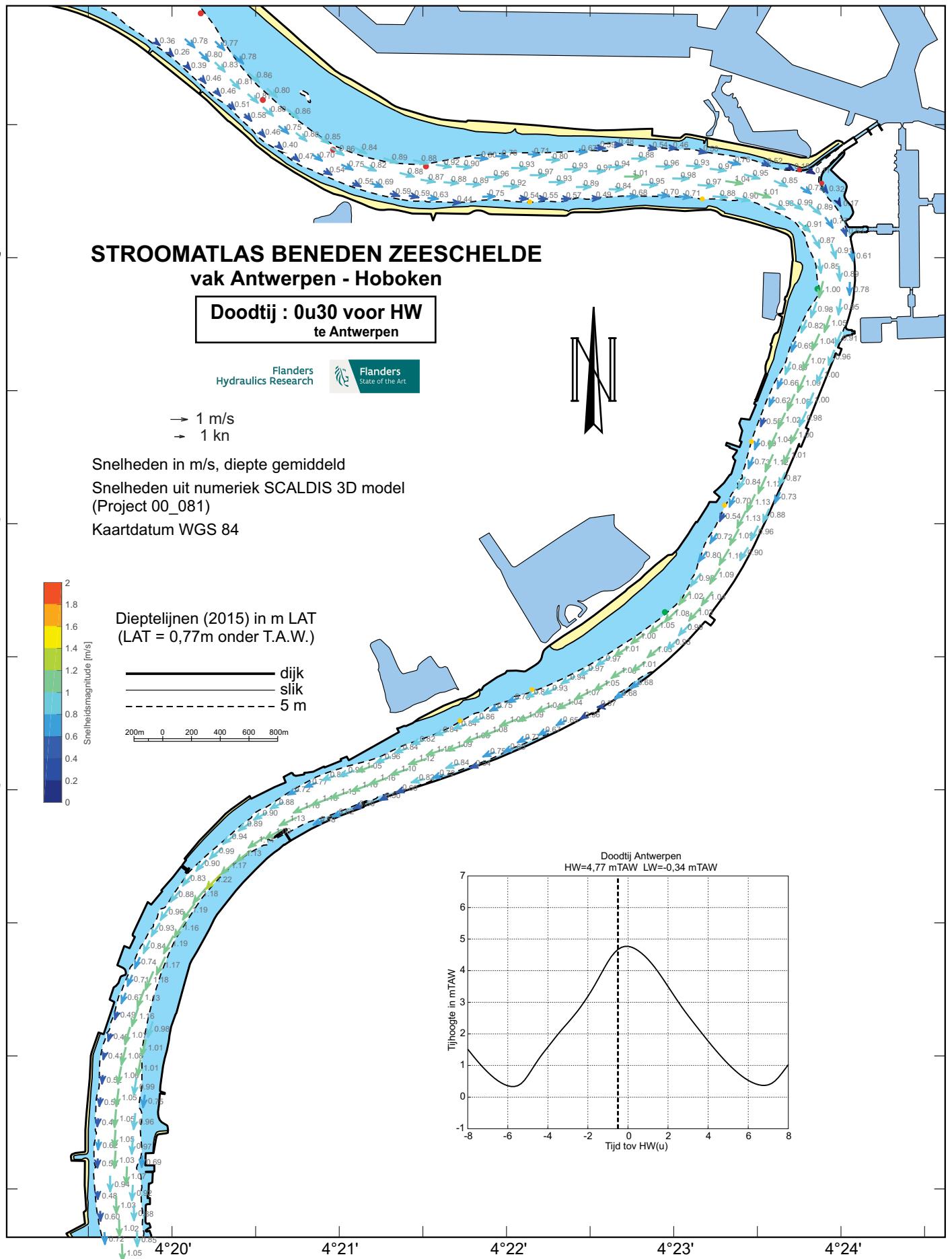


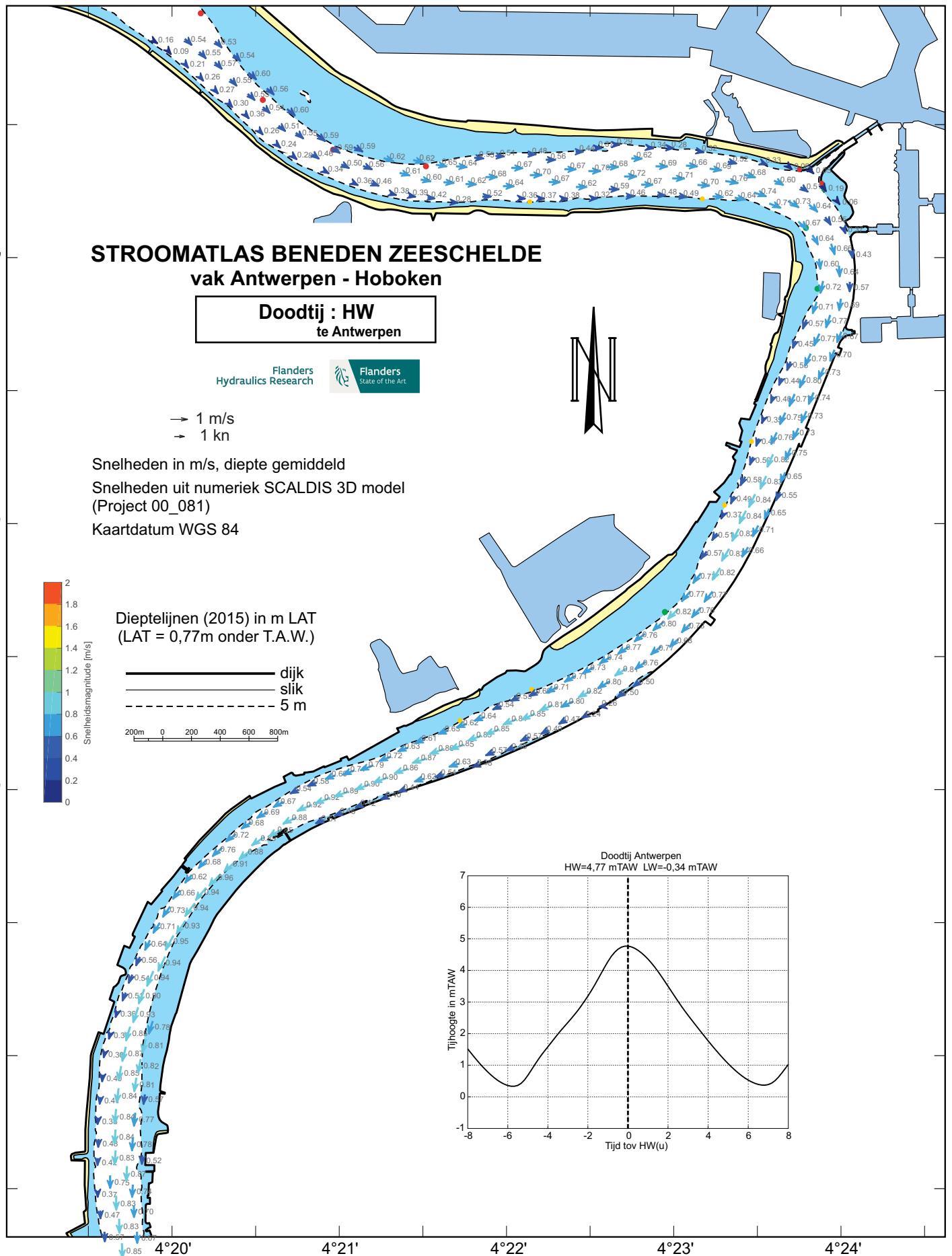


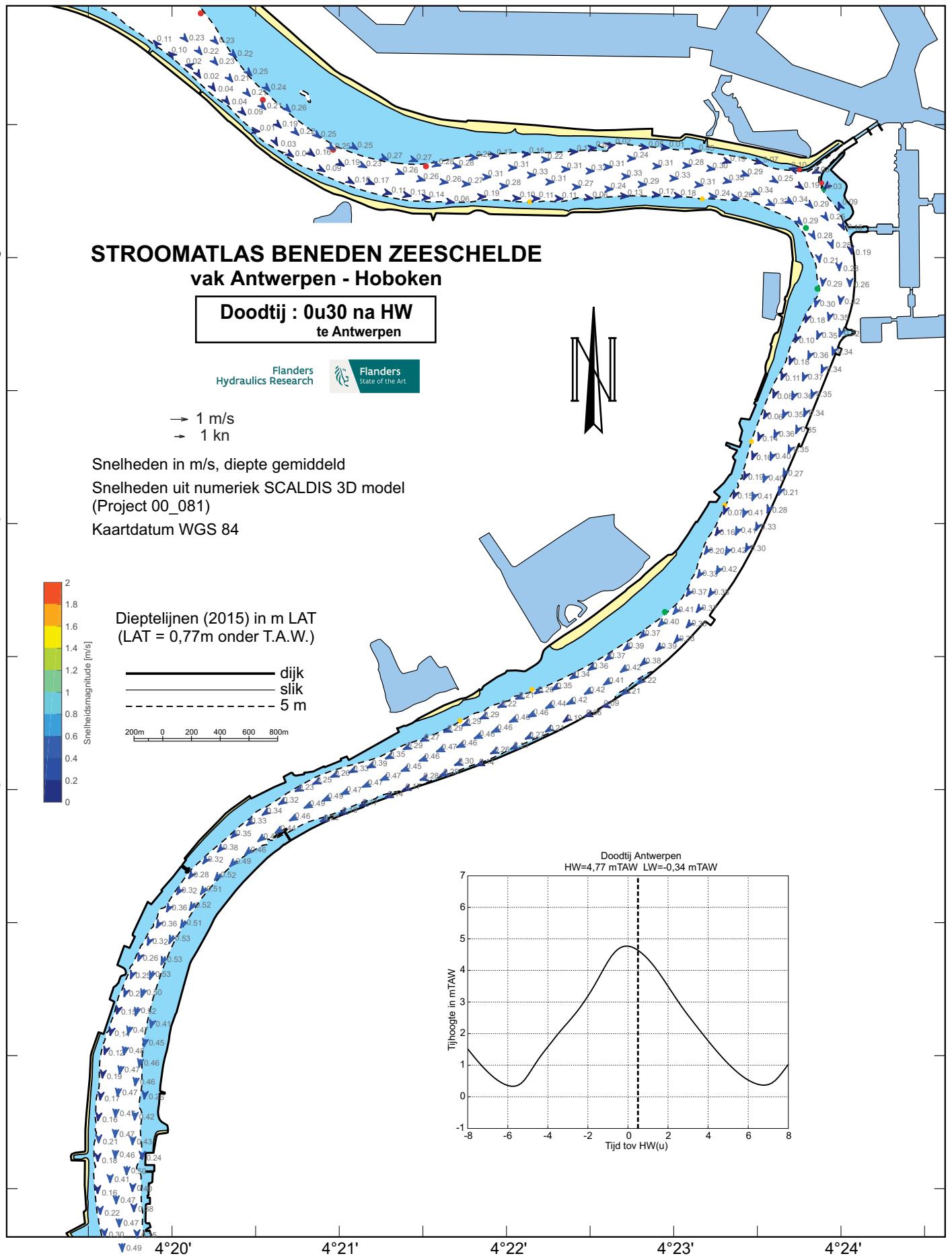


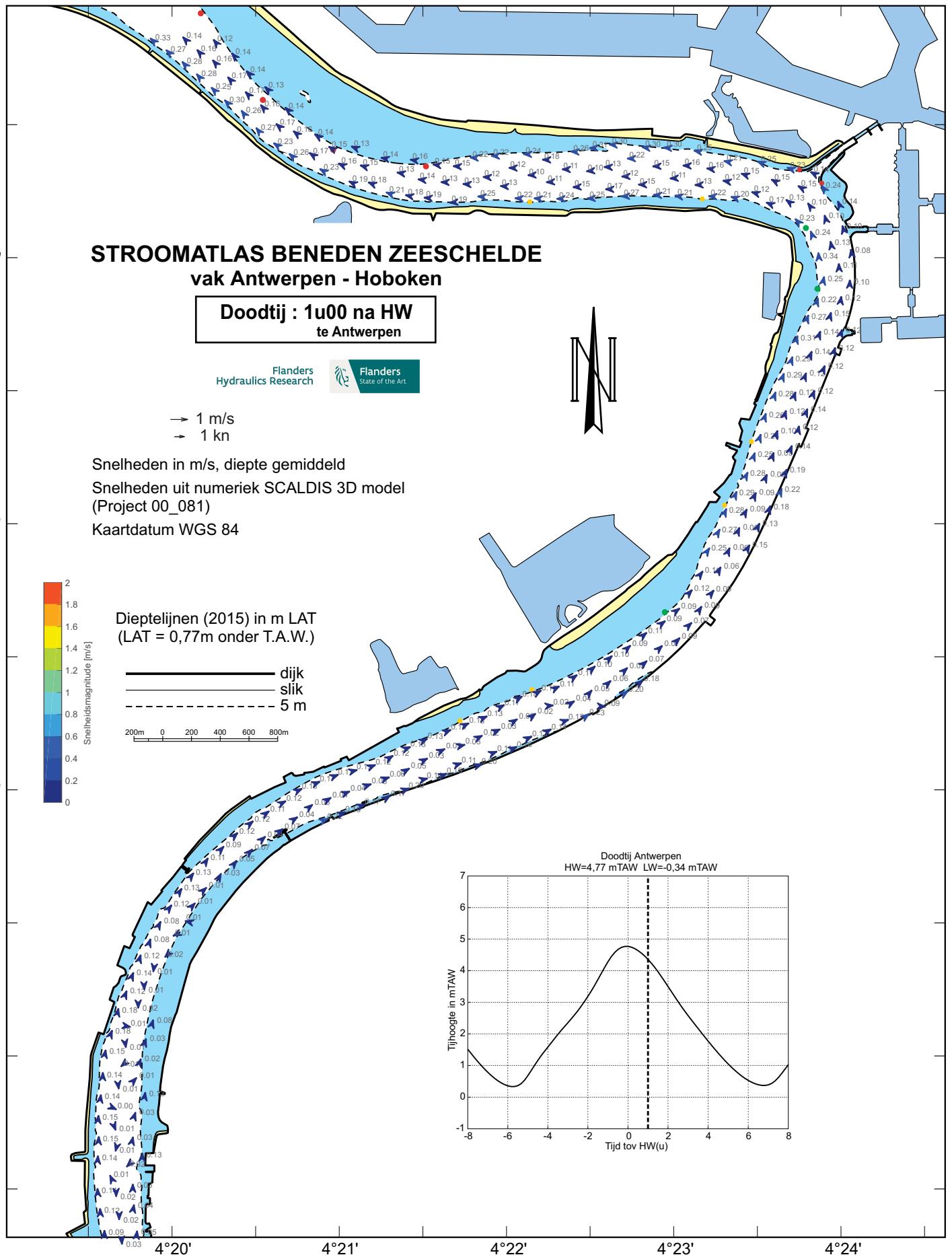


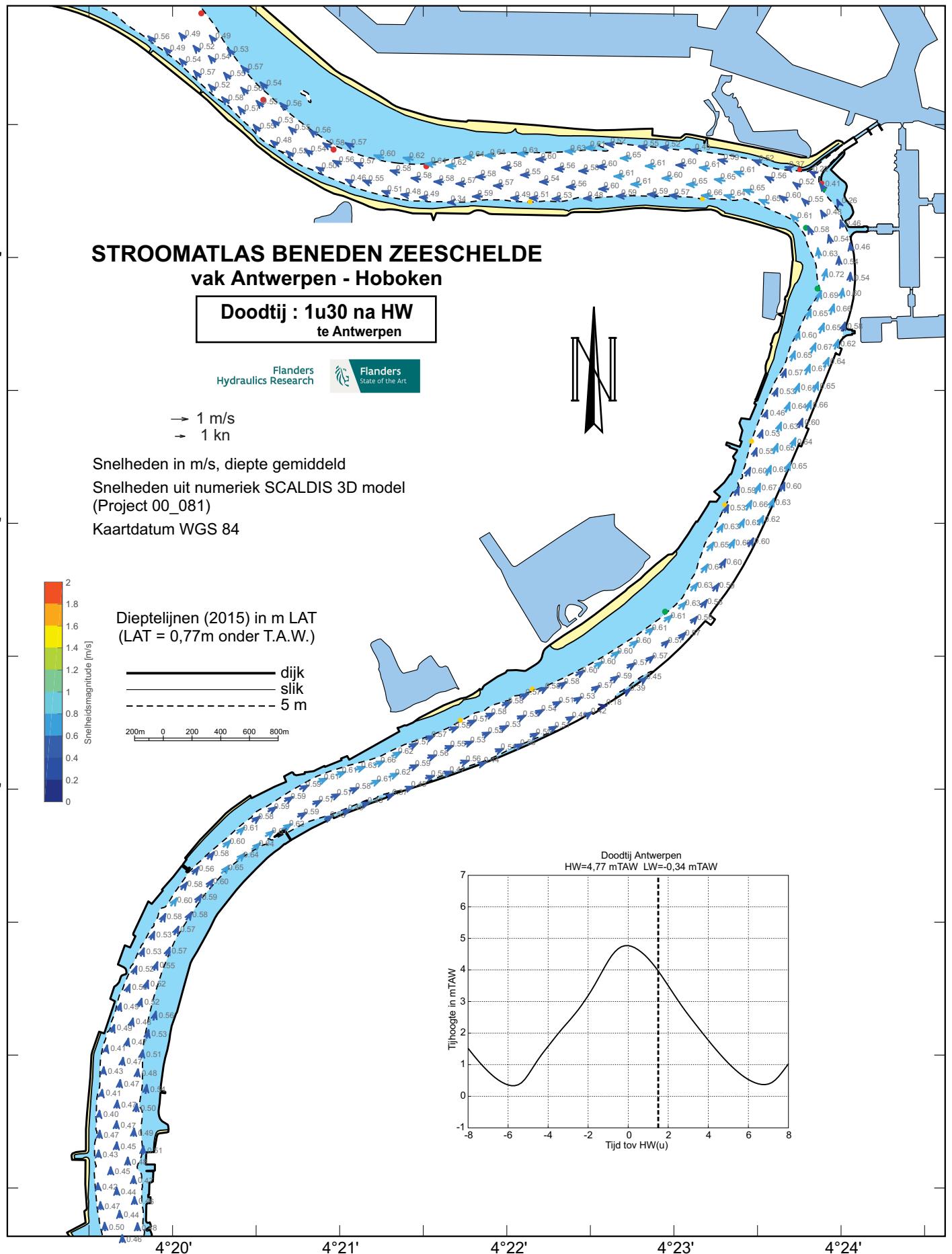


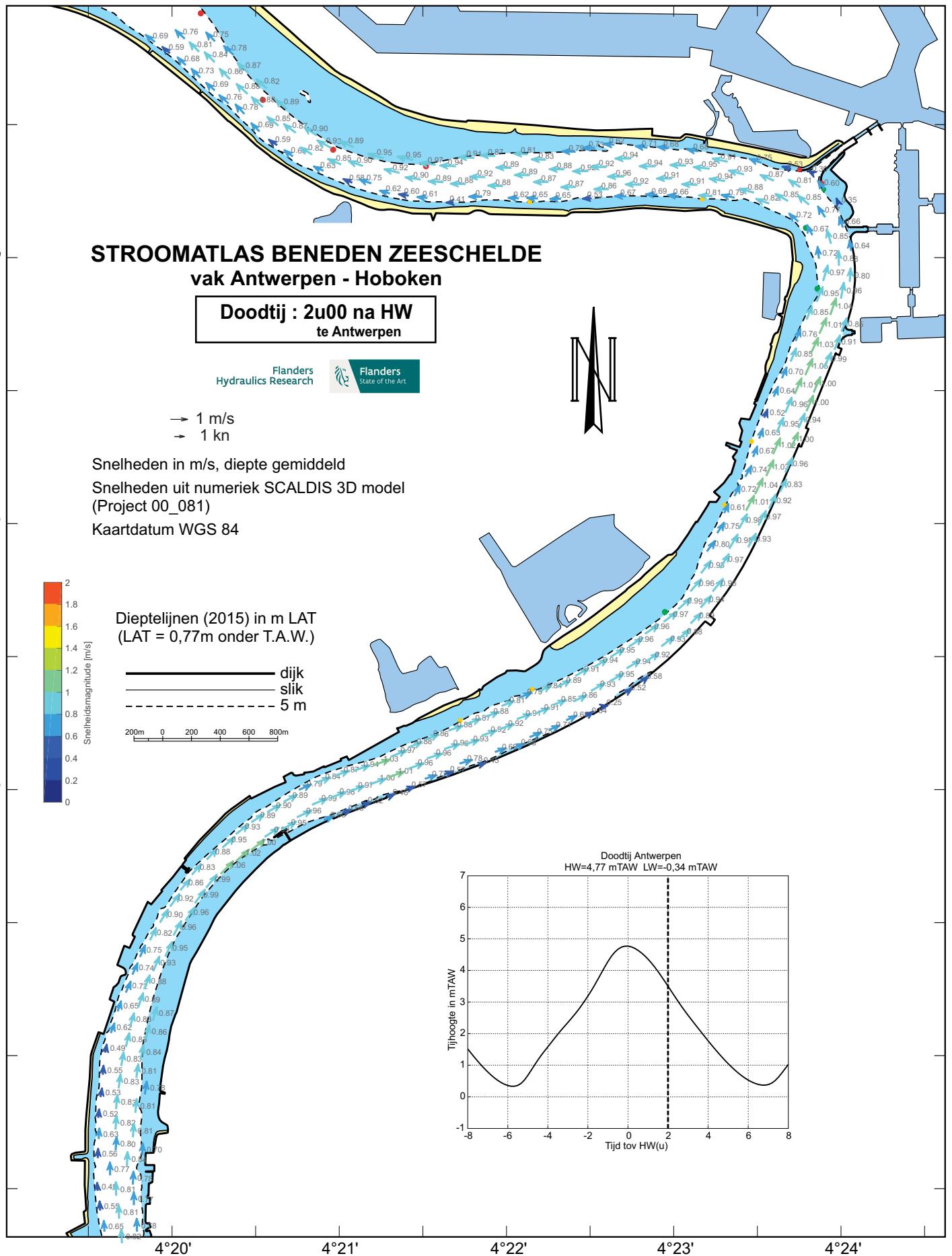


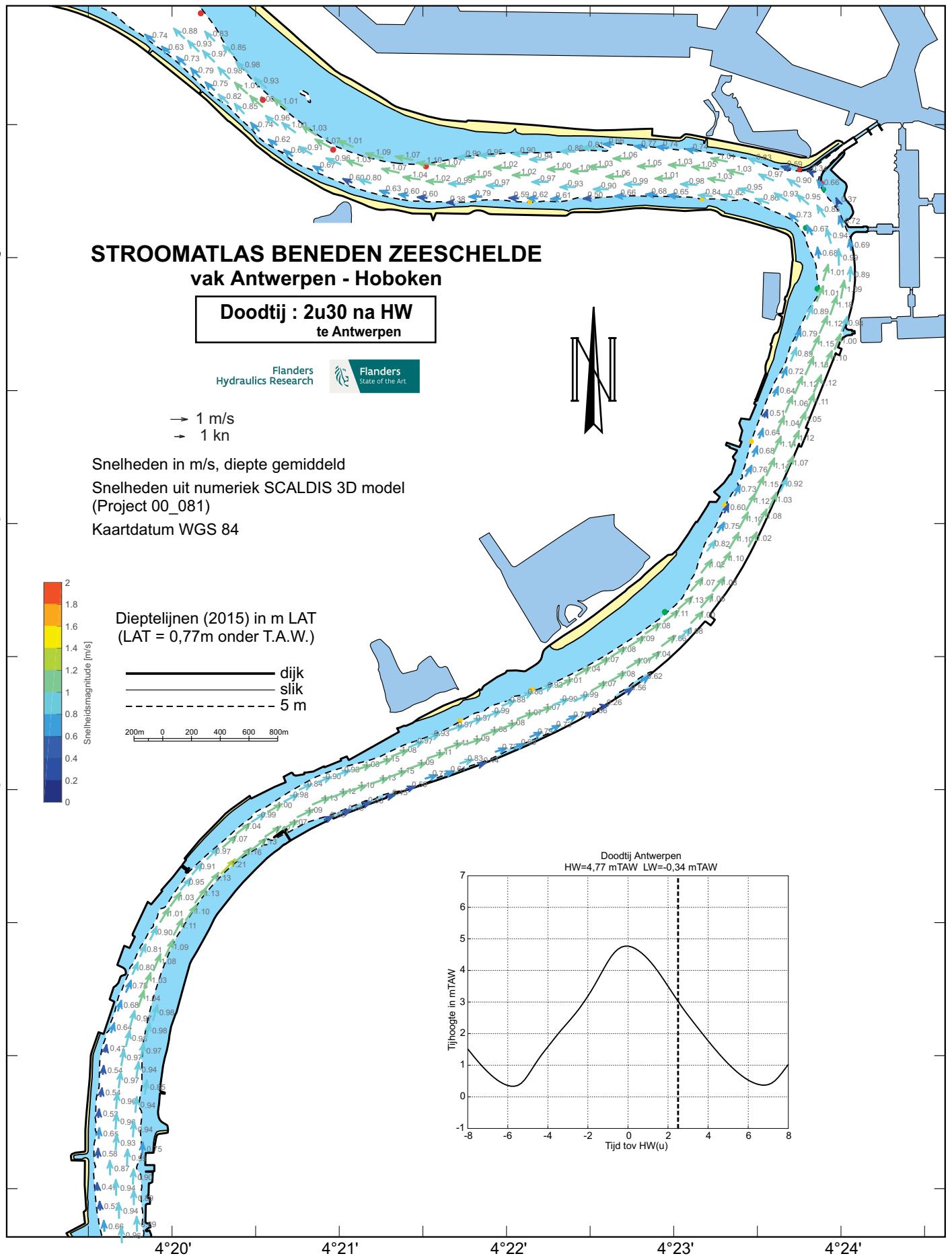


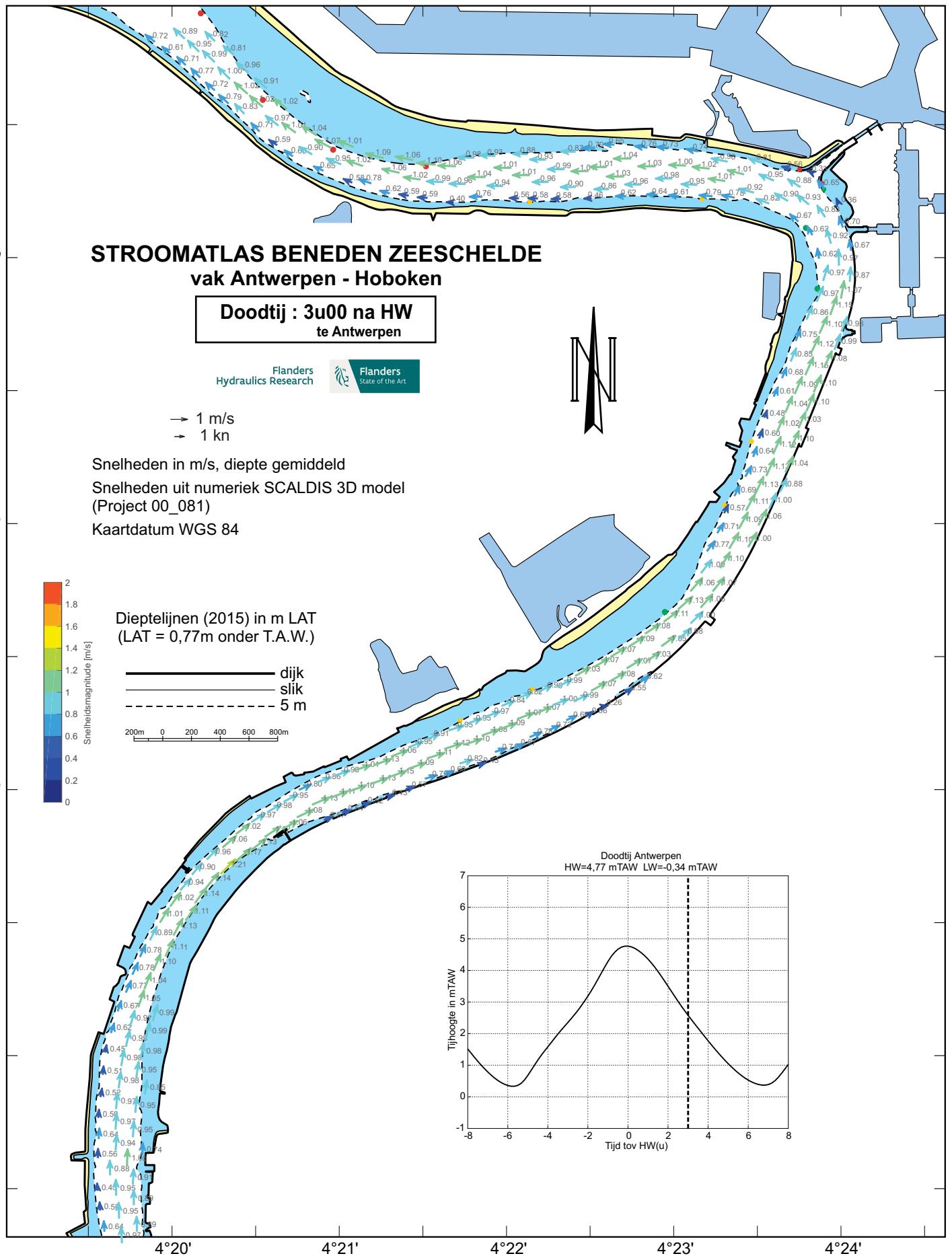


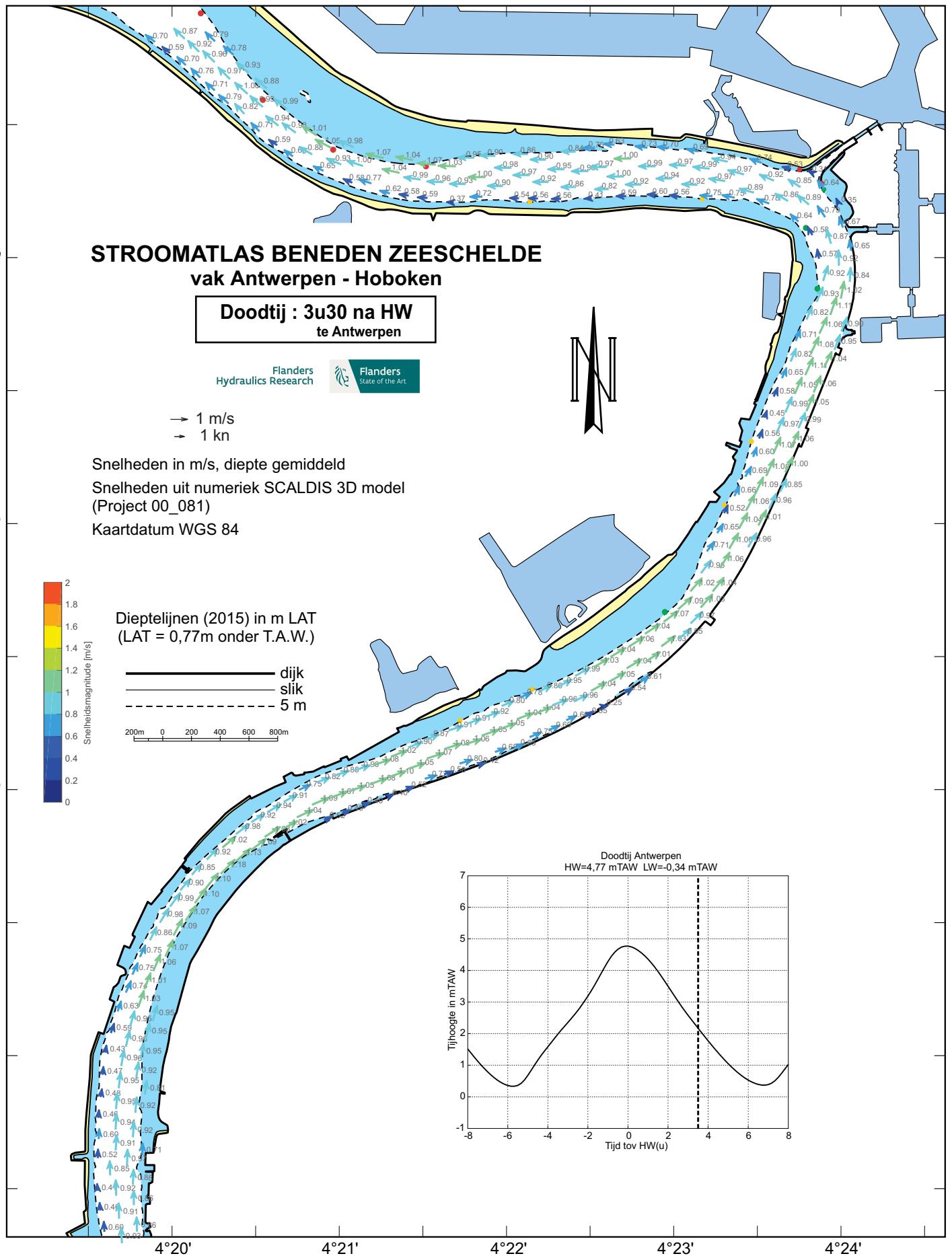


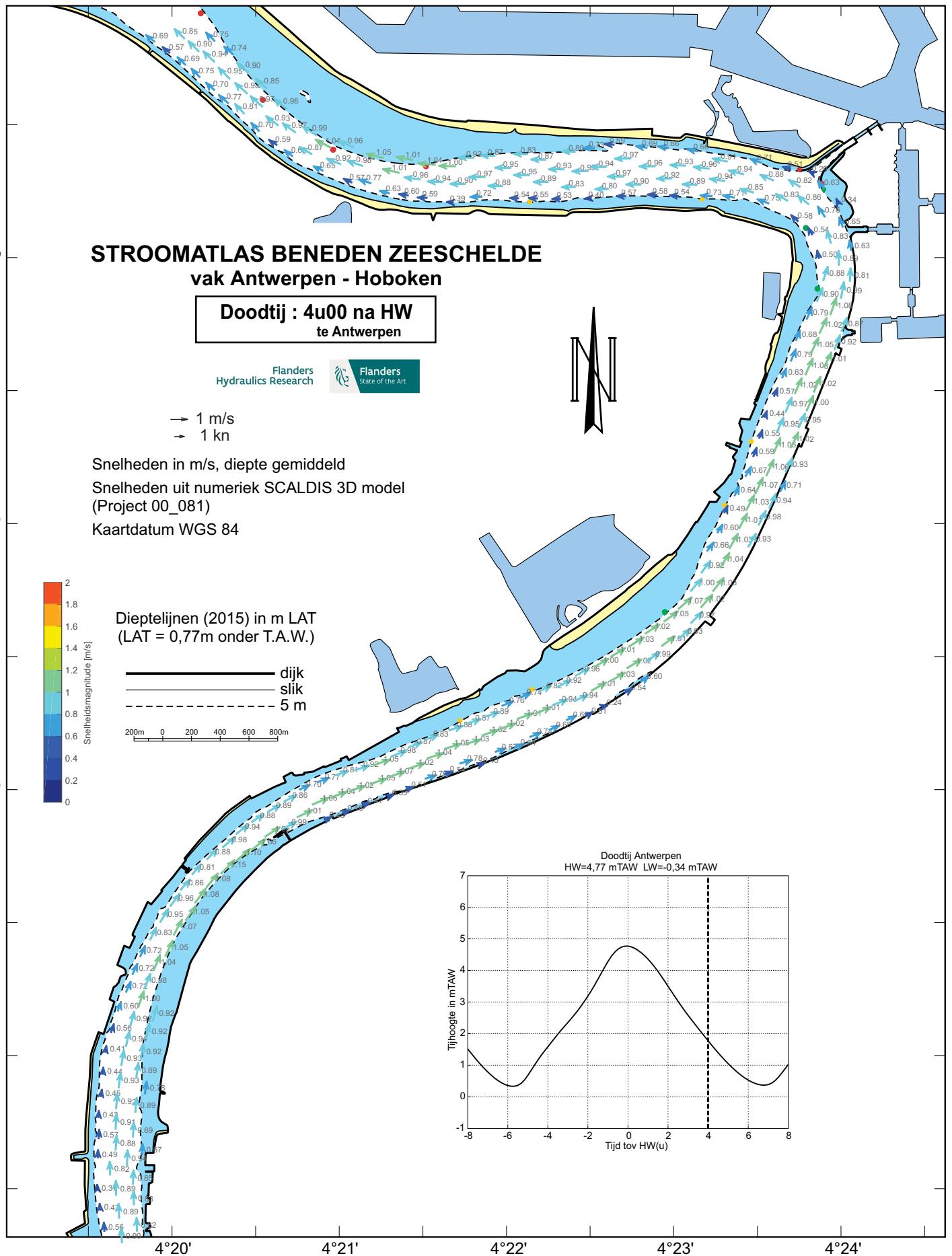


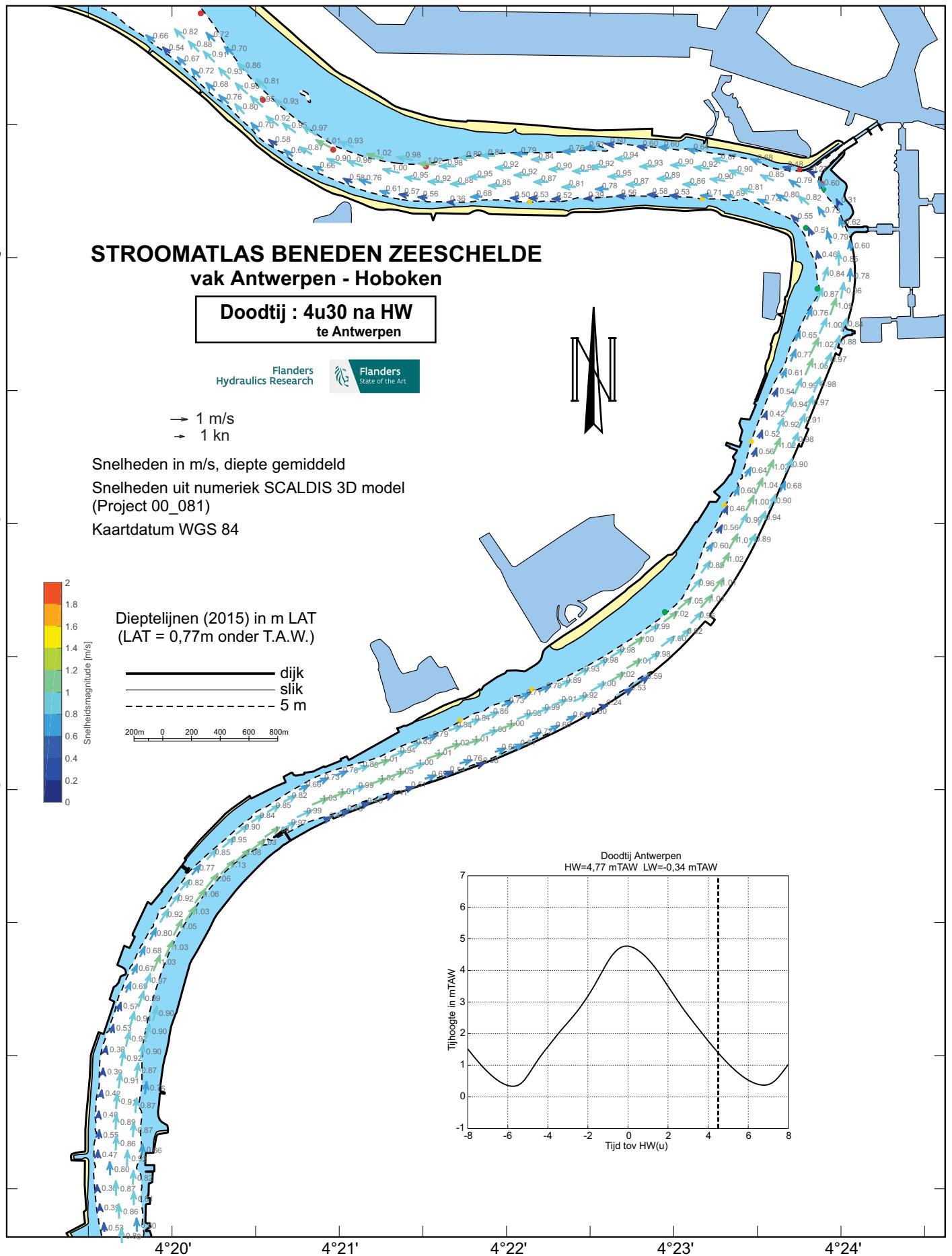


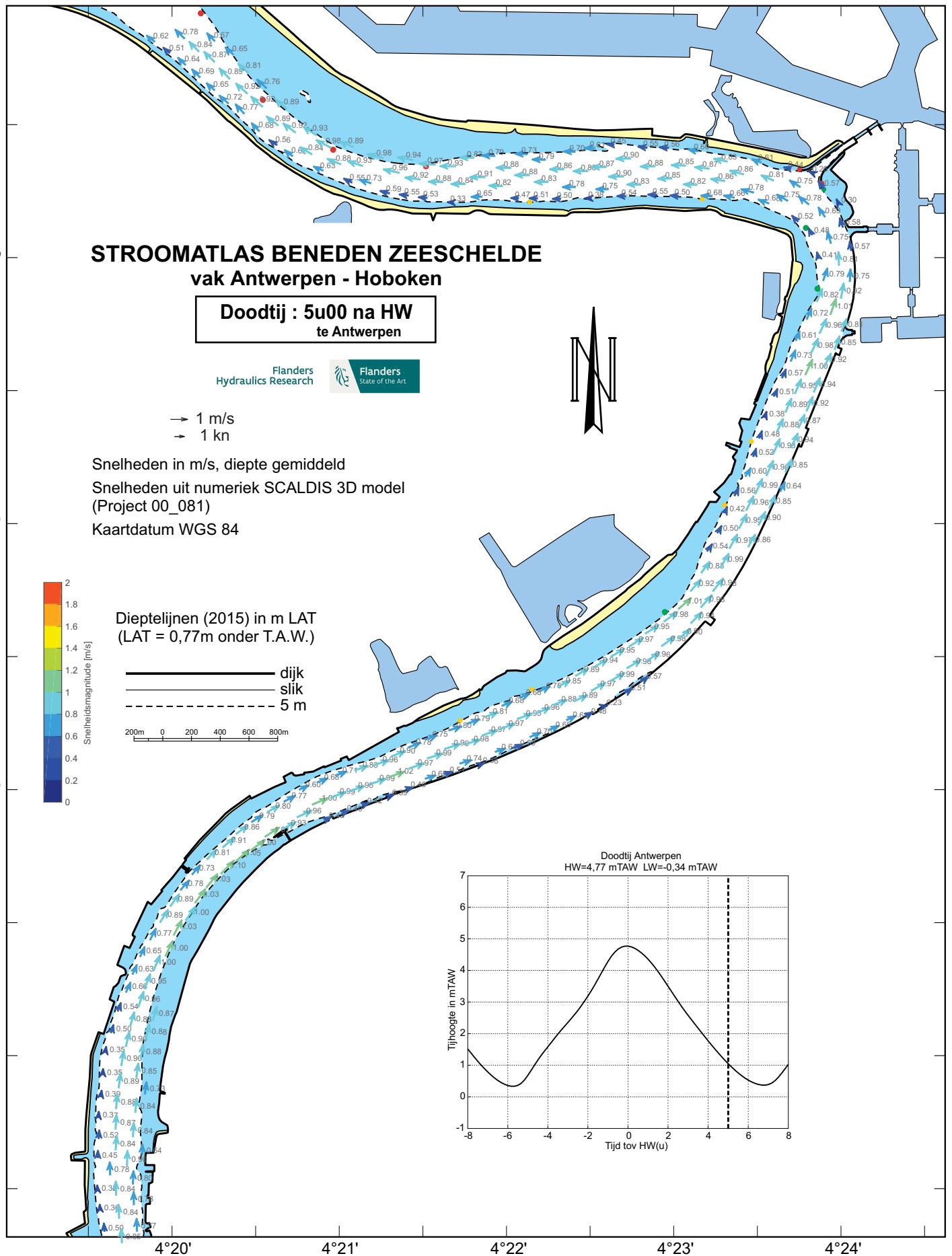


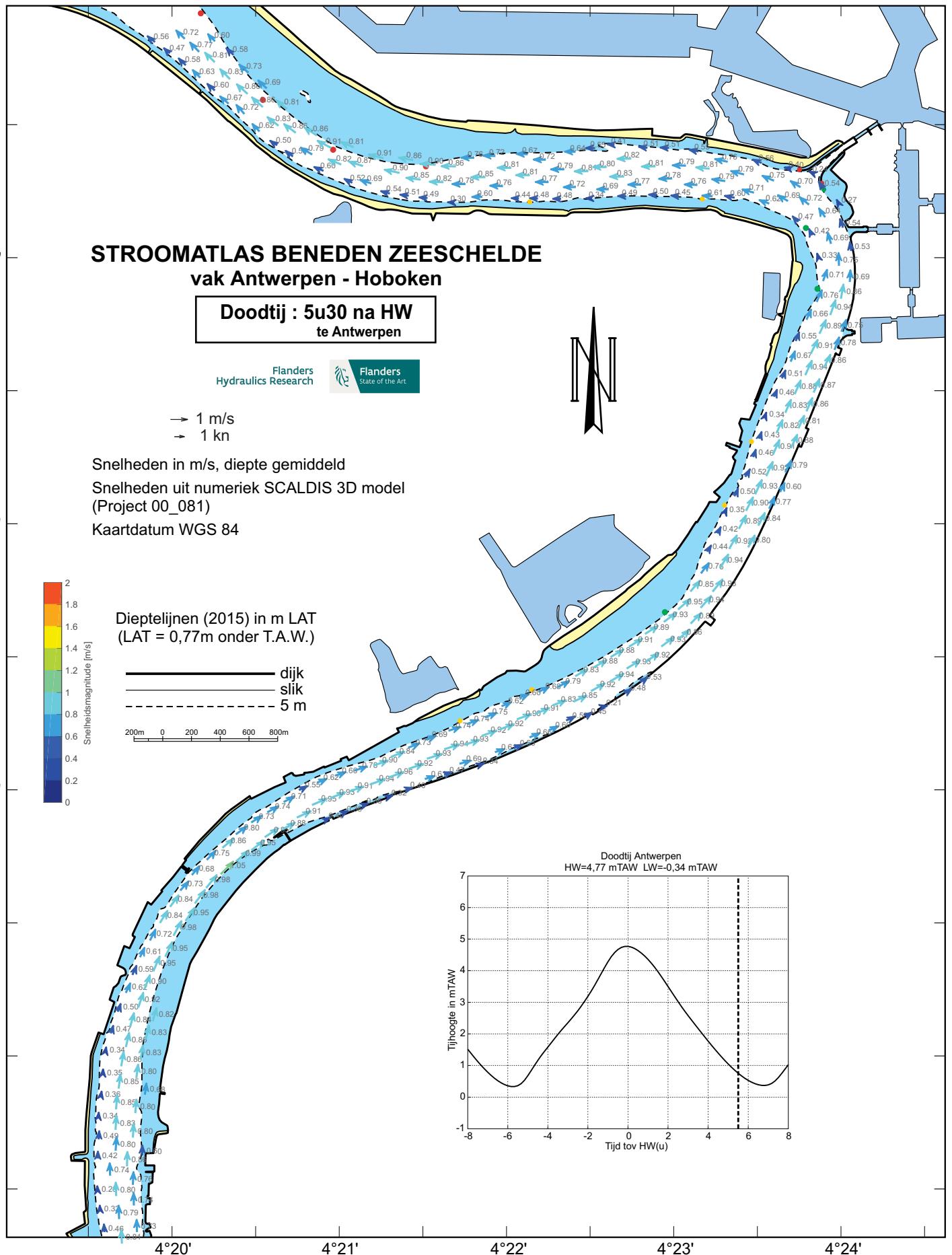


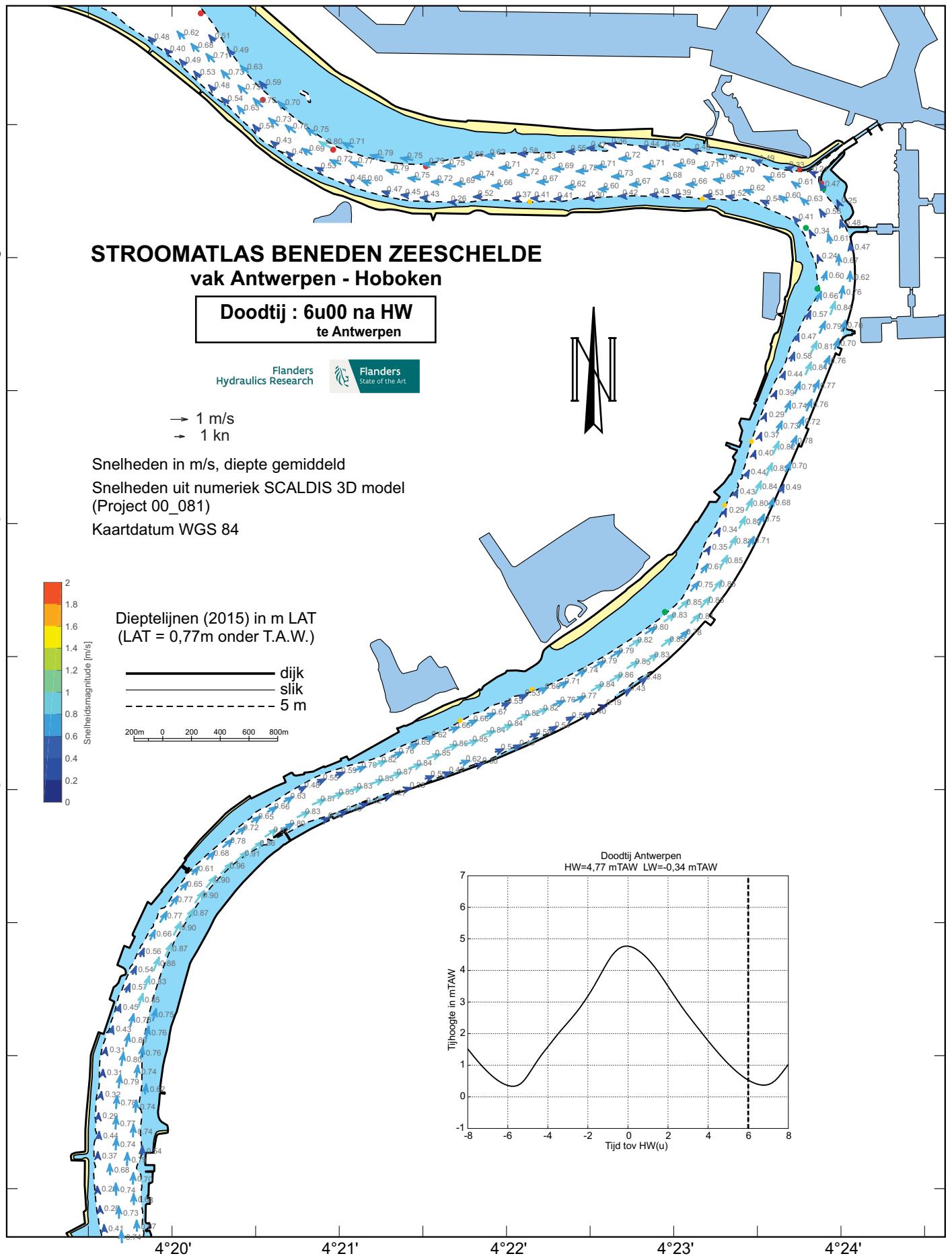


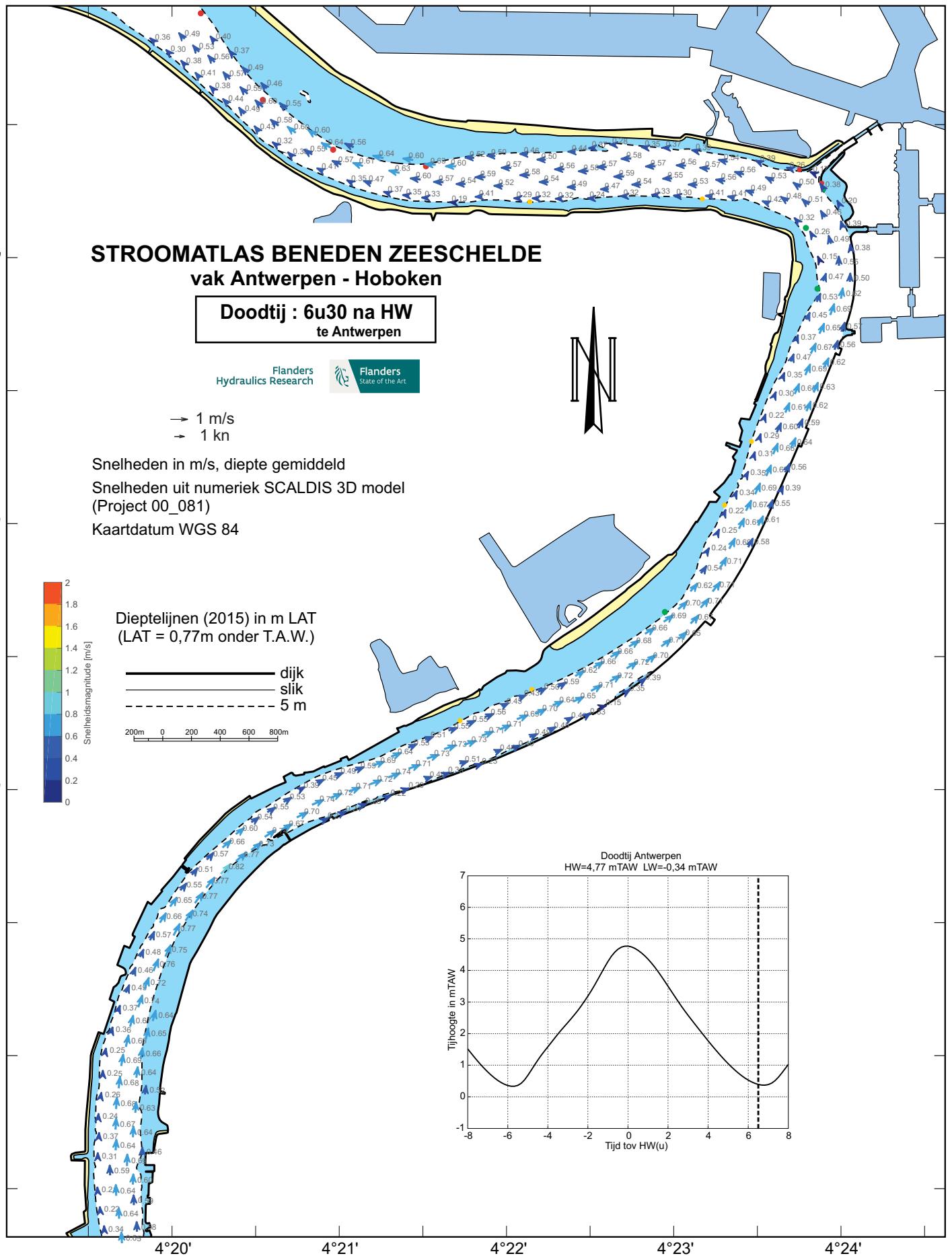














# **STROOMATLAS BENEDEN ZEESCHELDE**

## vak Hoboken - Monding Rupel

**SPRINGTIJ**

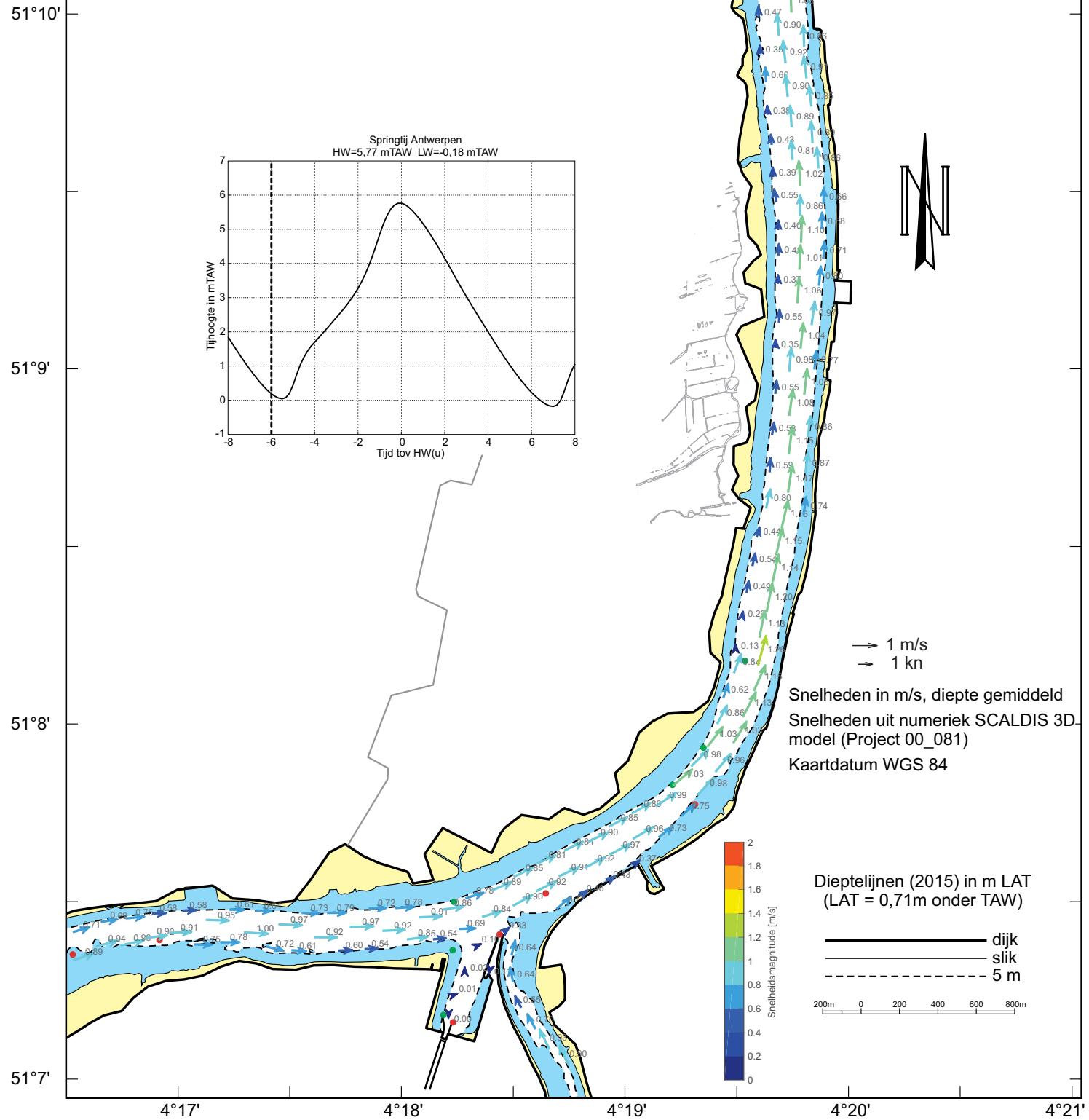
*Vlaamse overheid  
Departement Mobiliteit en Openbare Werken  
Waterbouwkundig Laboratorium*

# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Springtij : 6u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

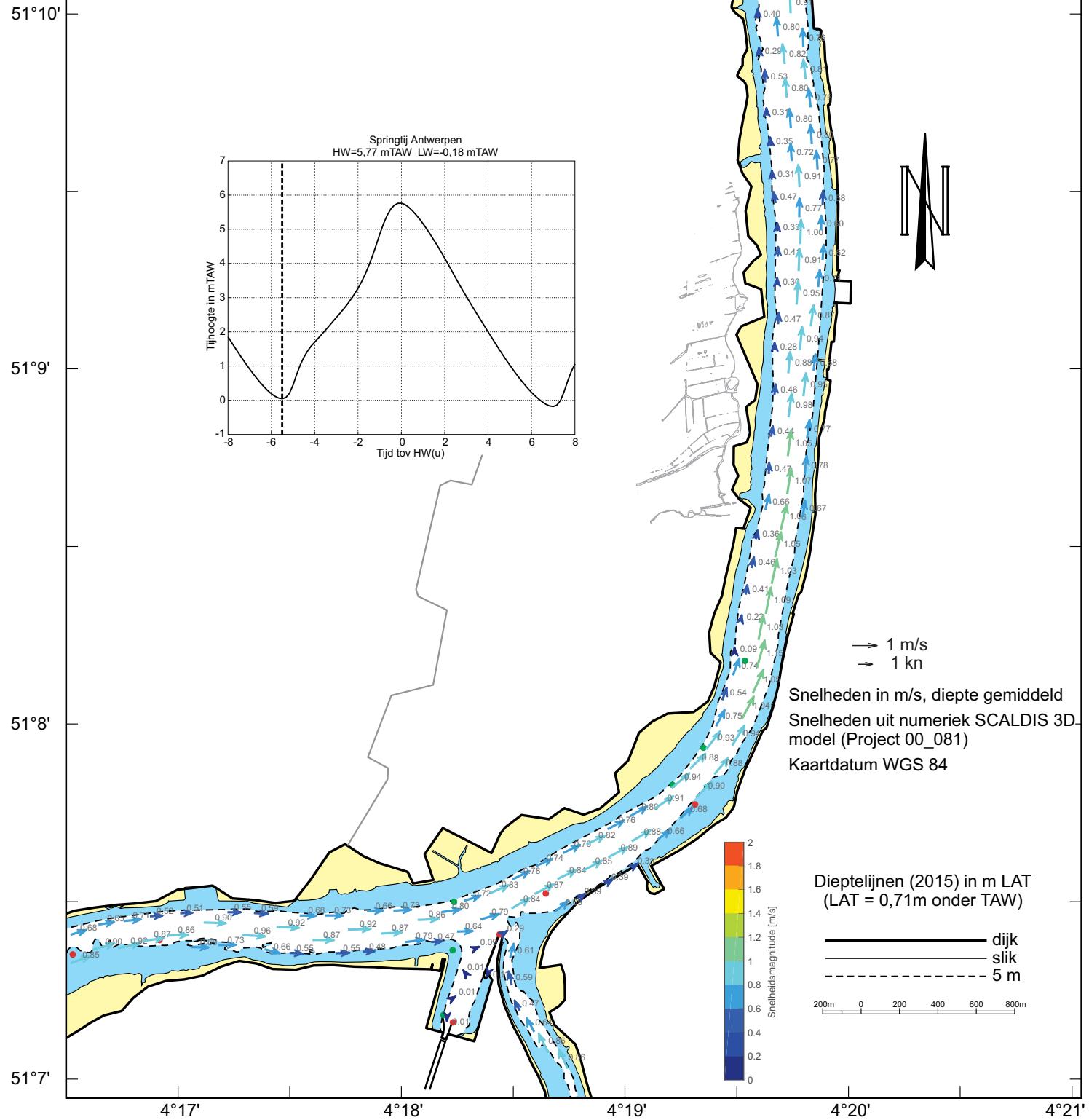


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Springtij : 5u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

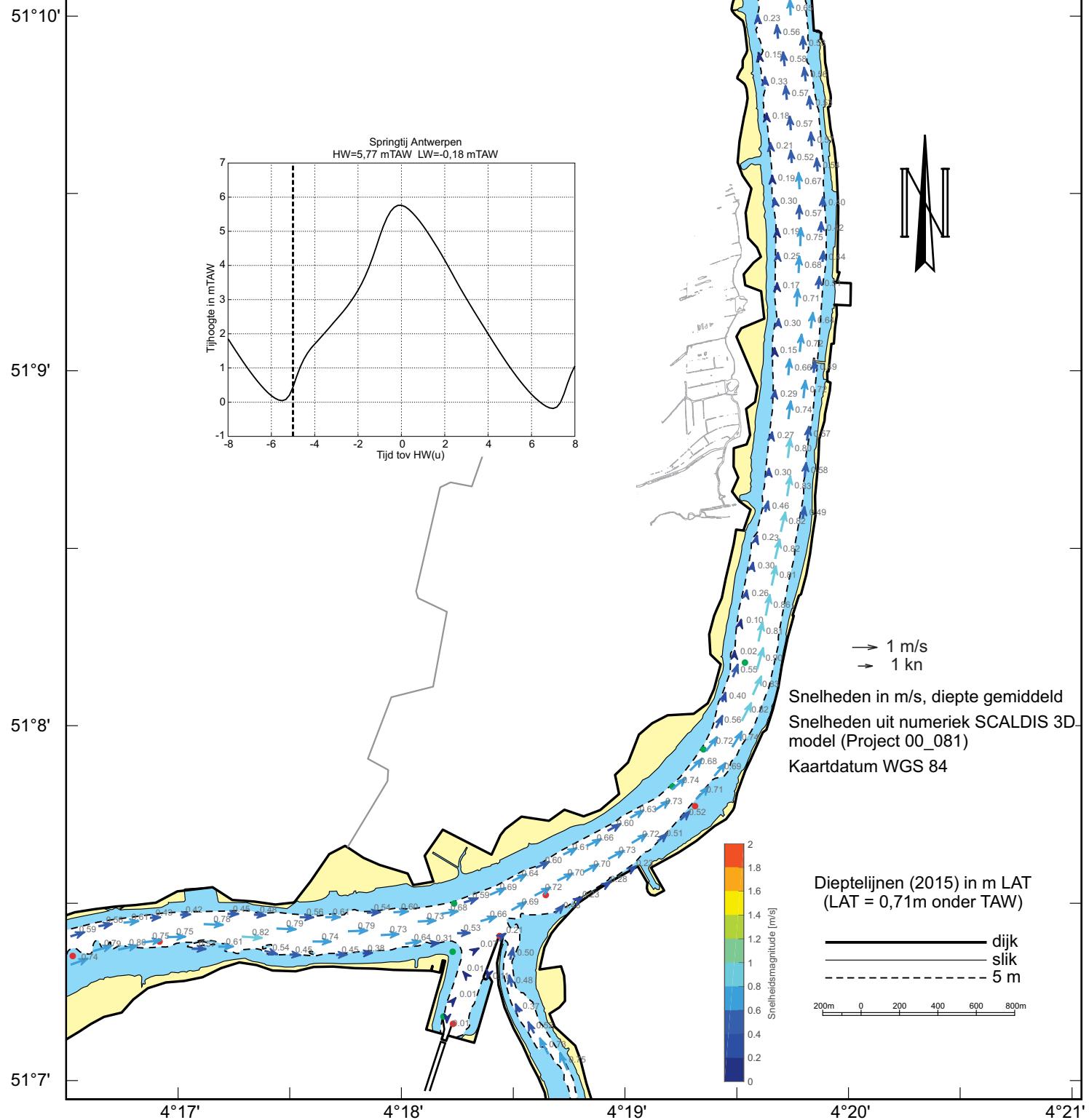


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Springtij : 5u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

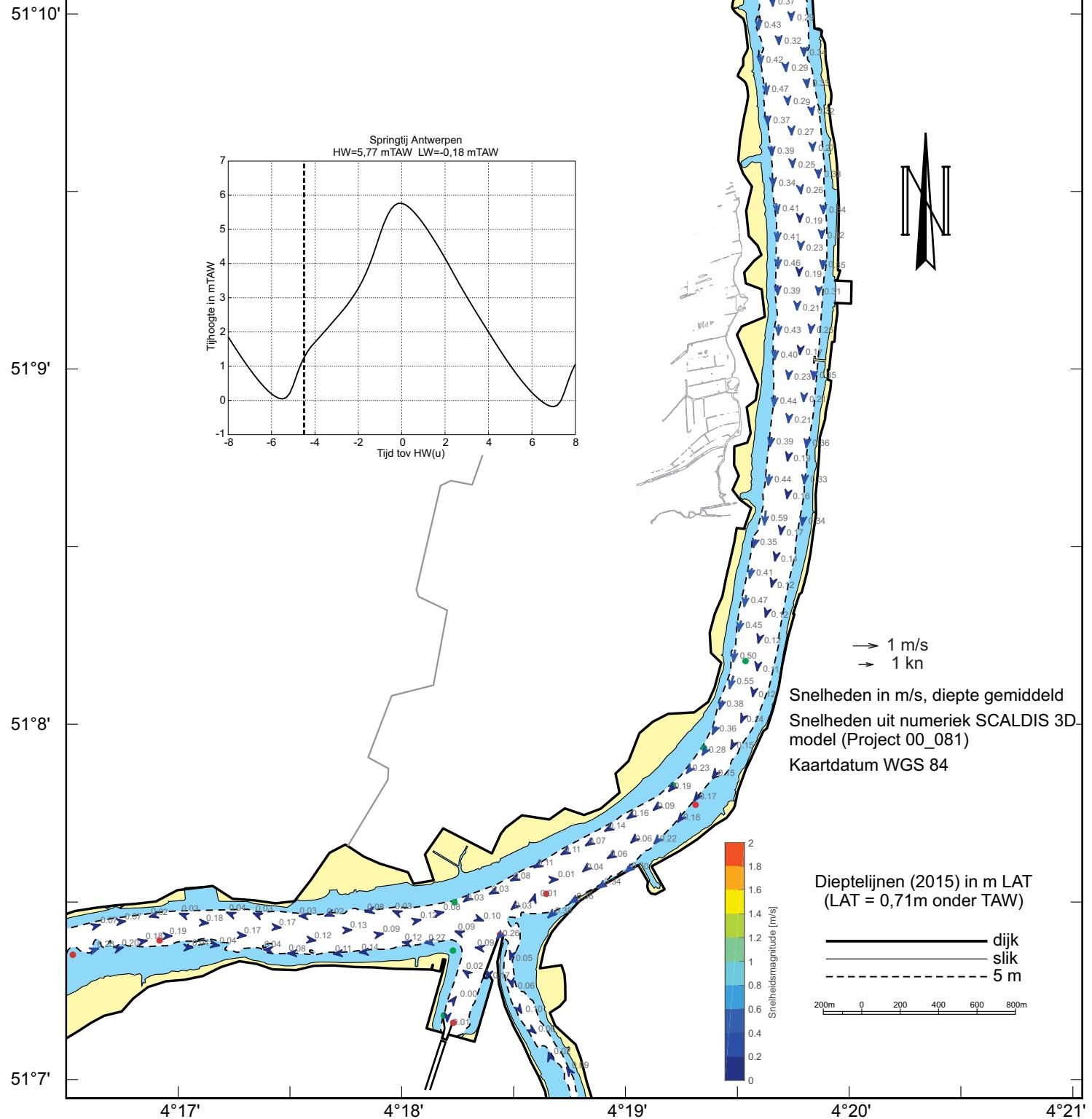


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Springtij : 4u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

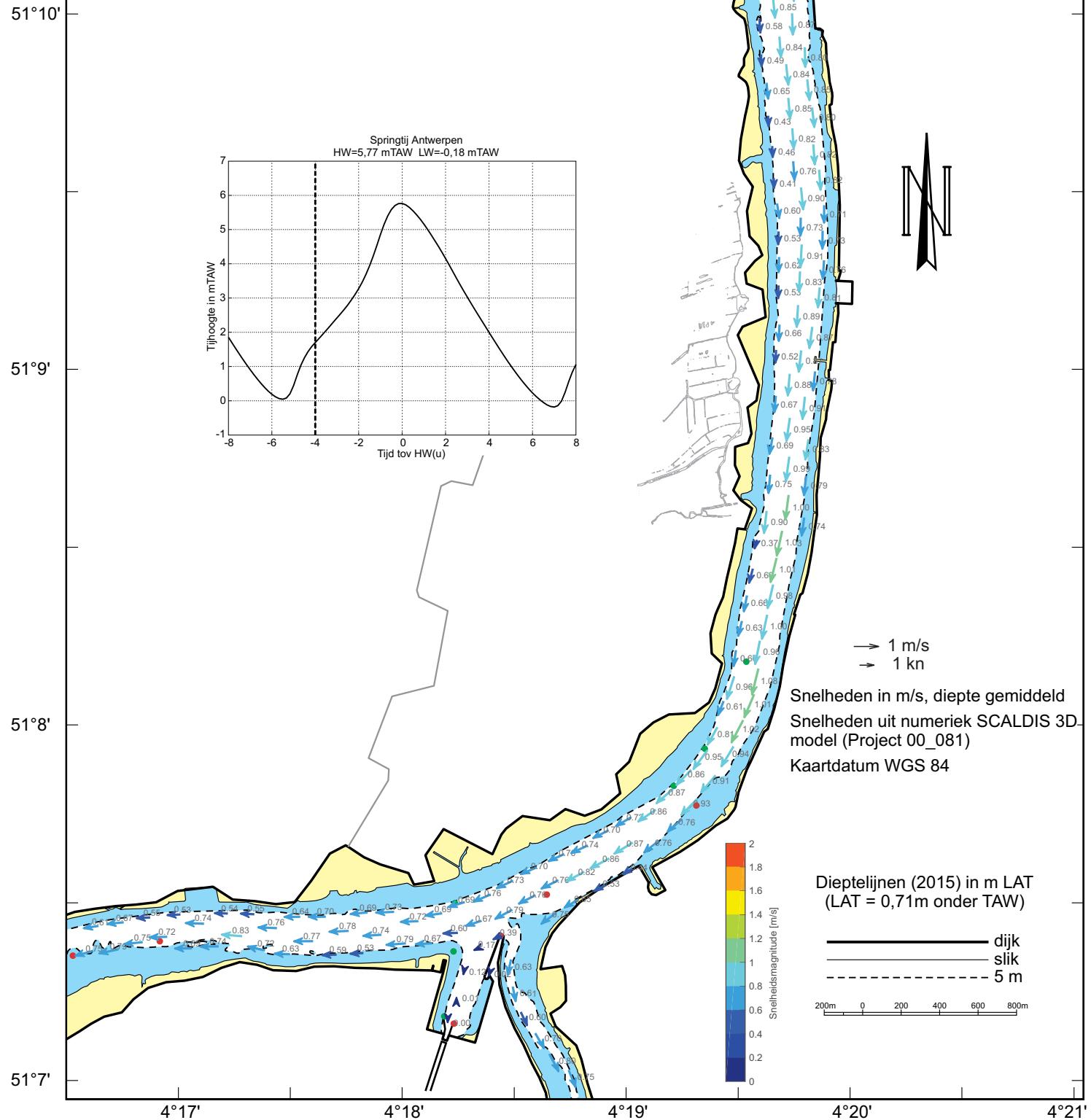


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Springtij : 4u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

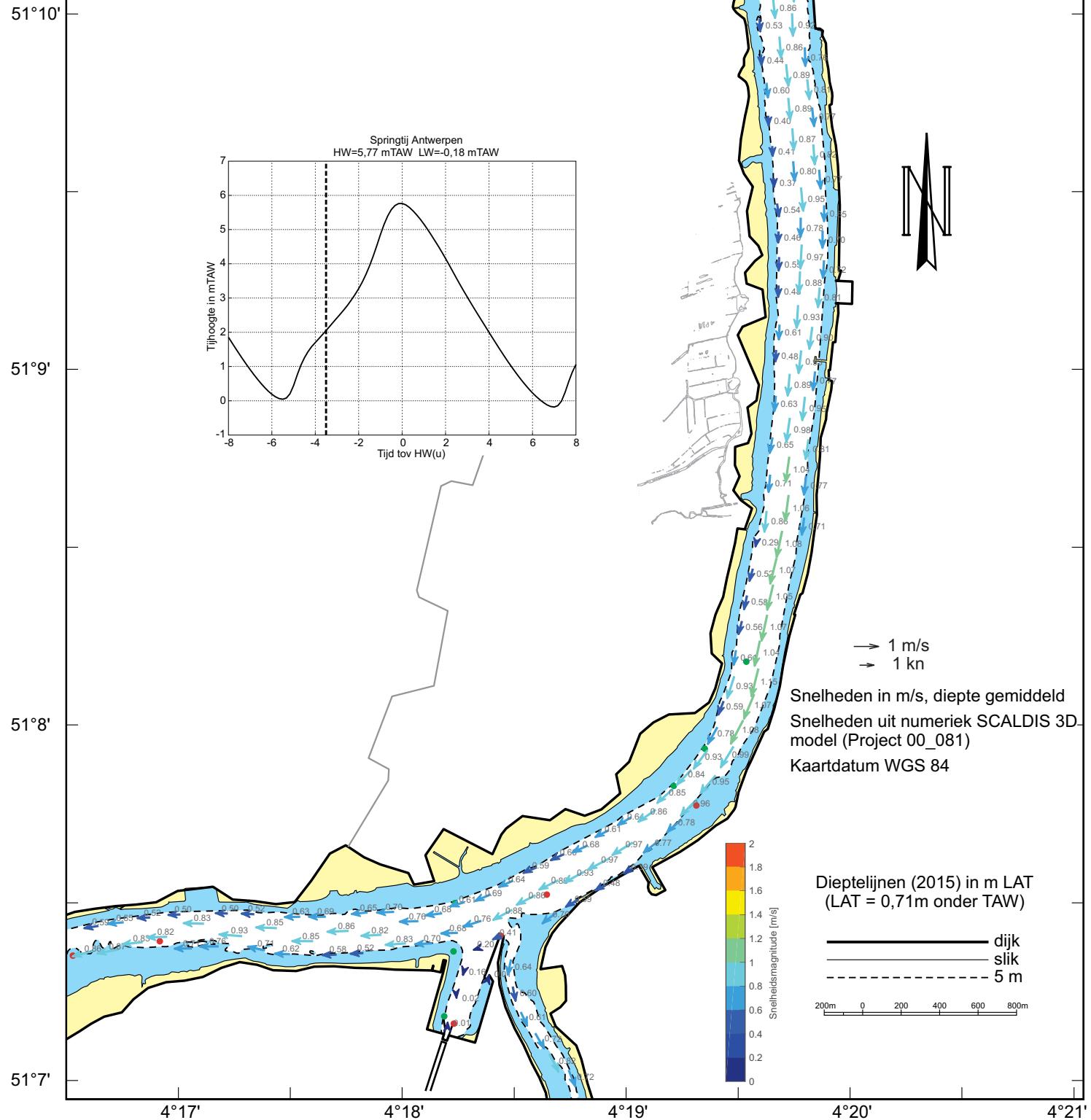


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Springtij : 3u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

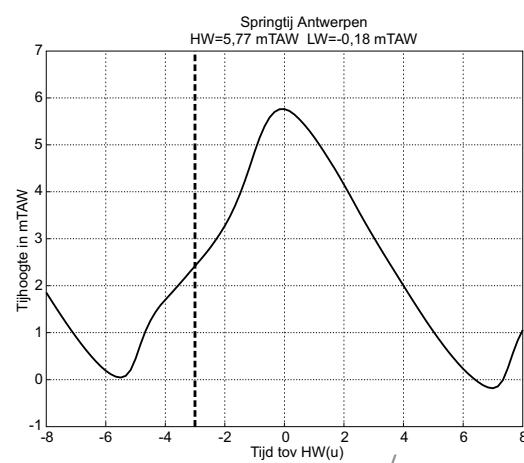
vak Monding Hoboken - Rupel

Springtij : 3u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

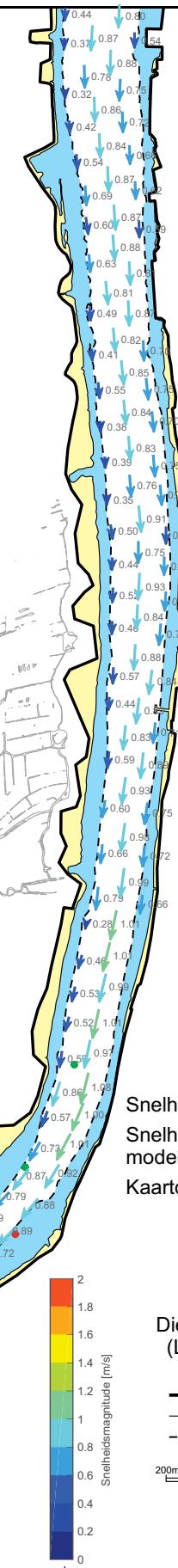
4°17'

4°18'

4°19'

4°20'

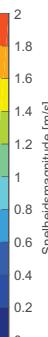
4°21'



→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D-  
model (Project 00\_081)  
Kaartdatum WGS 84

Dieptelijnen (2015) in m LAT  
(LAT = 0,71m onder TAW)



dijk  
slik  
5 m

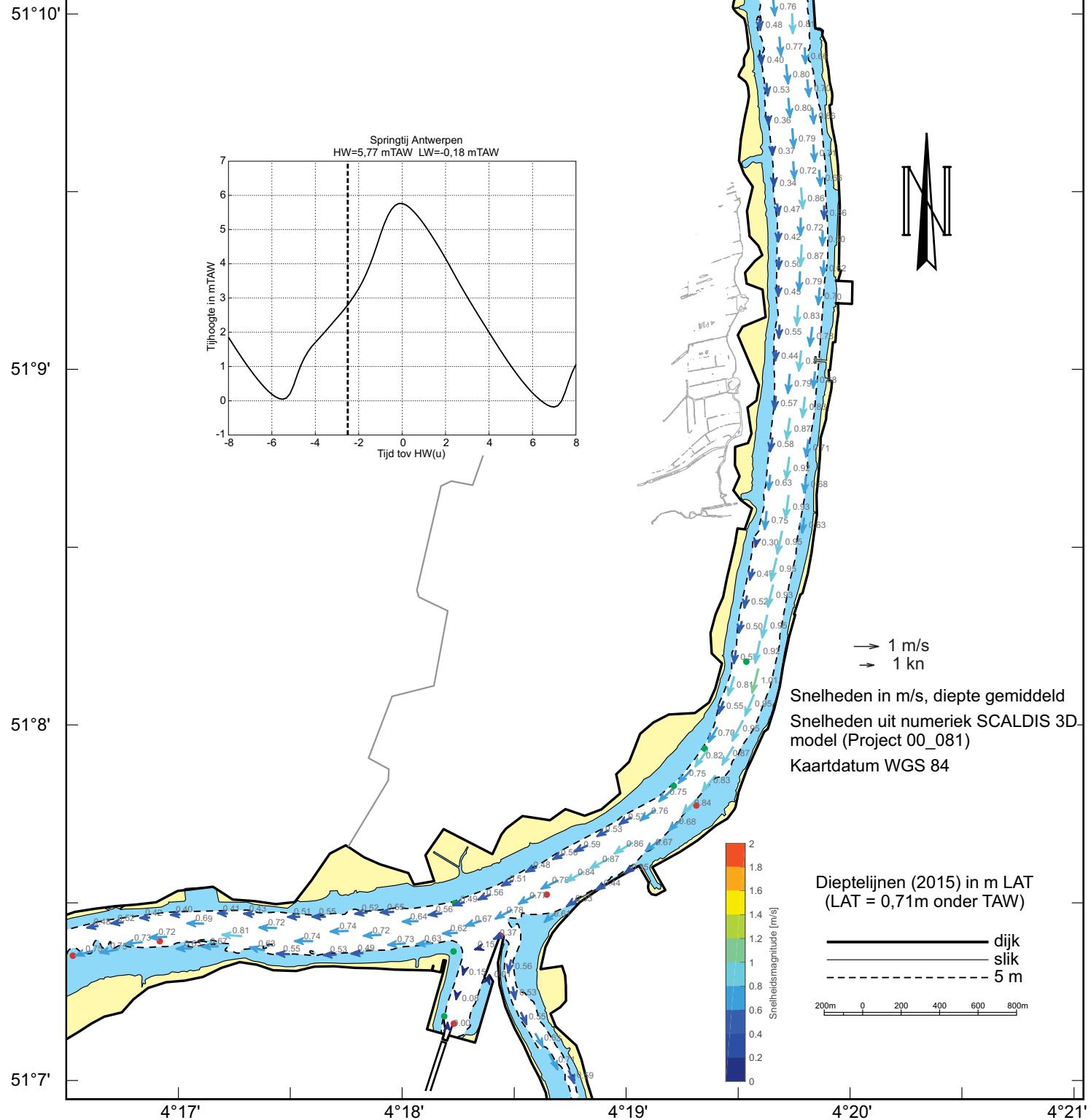
200m 0 200 400 600 800m

# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Springtij : 2u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

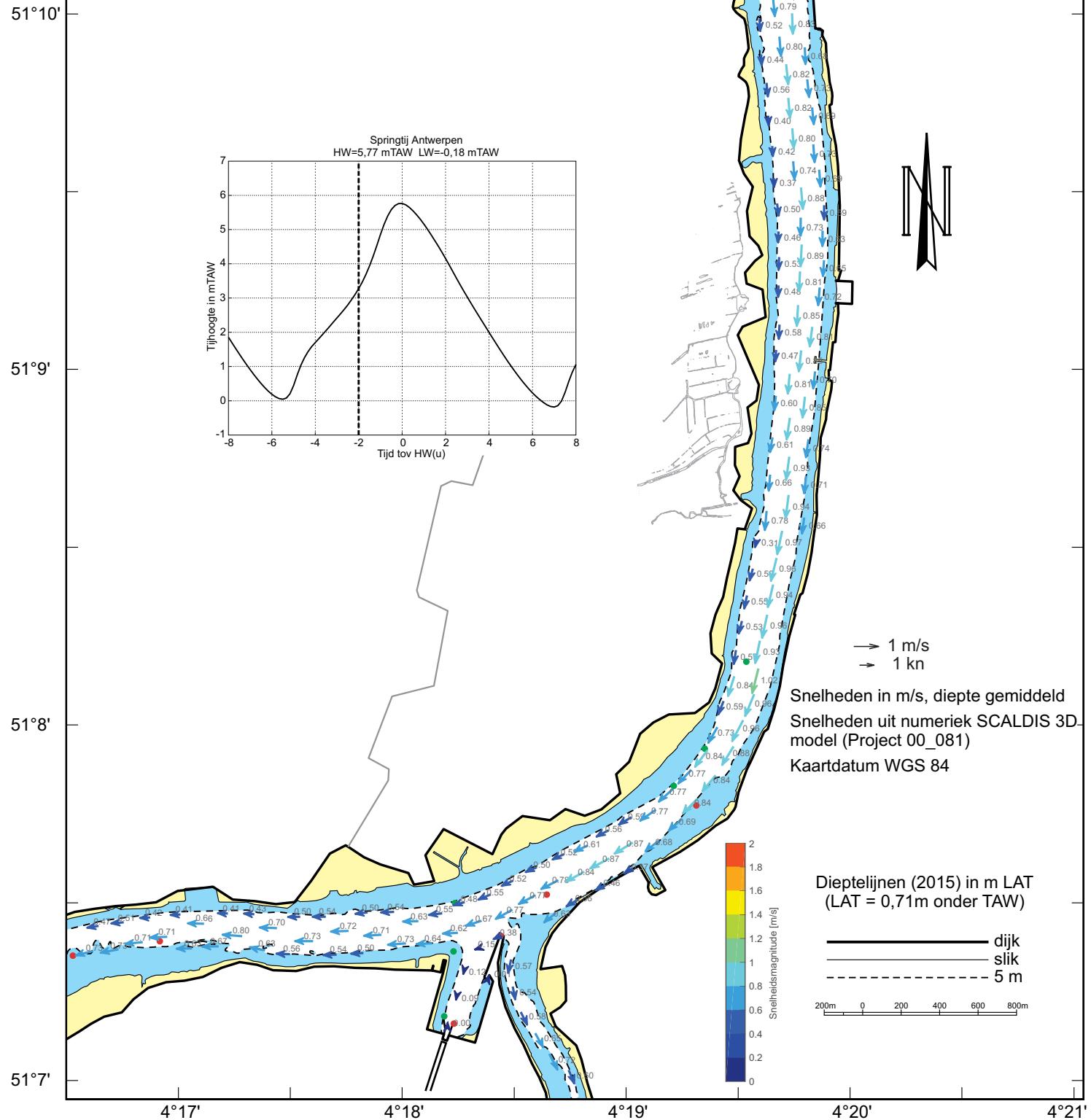


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Springtij : 2u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

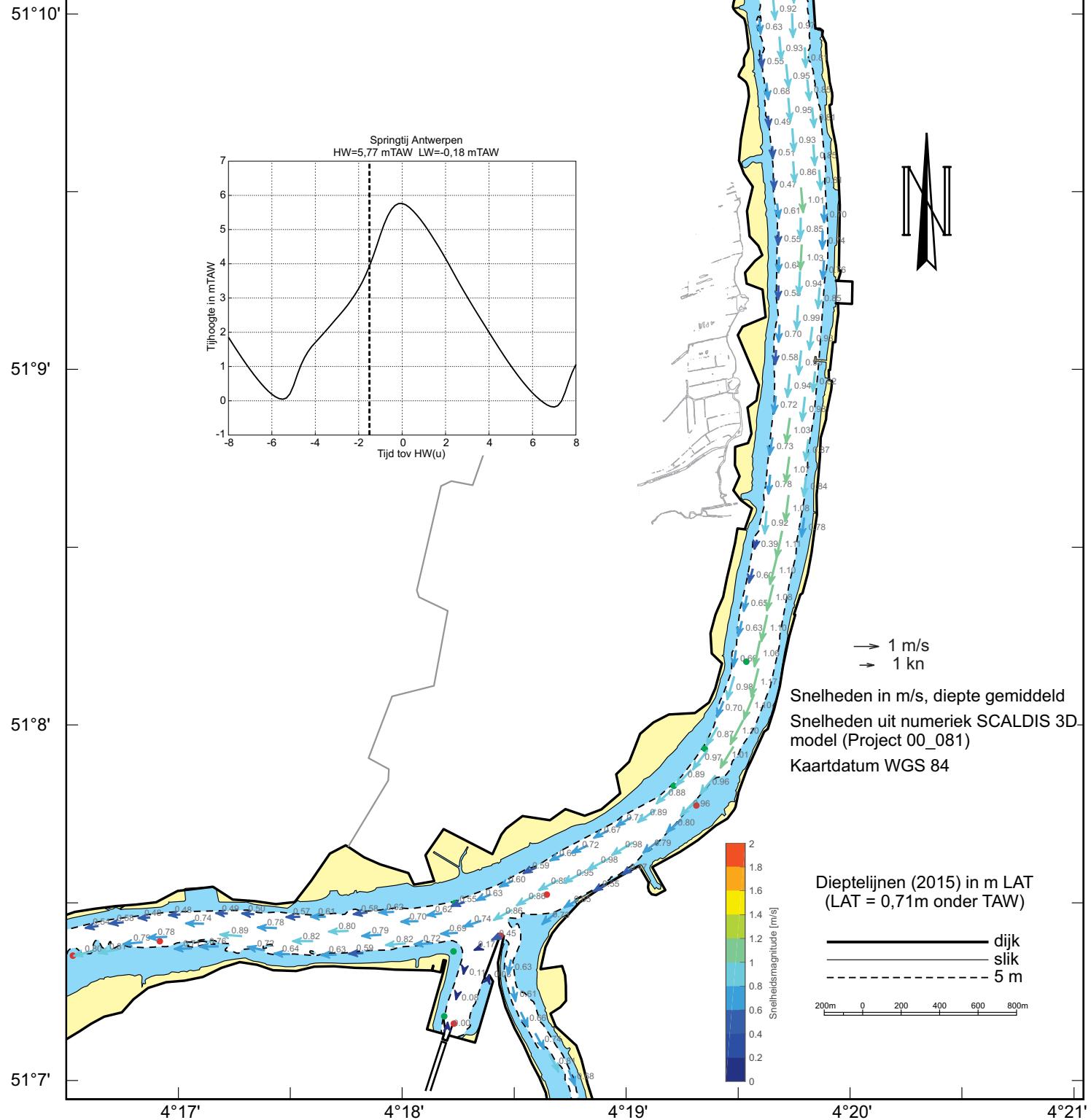


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Springtij : 1u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

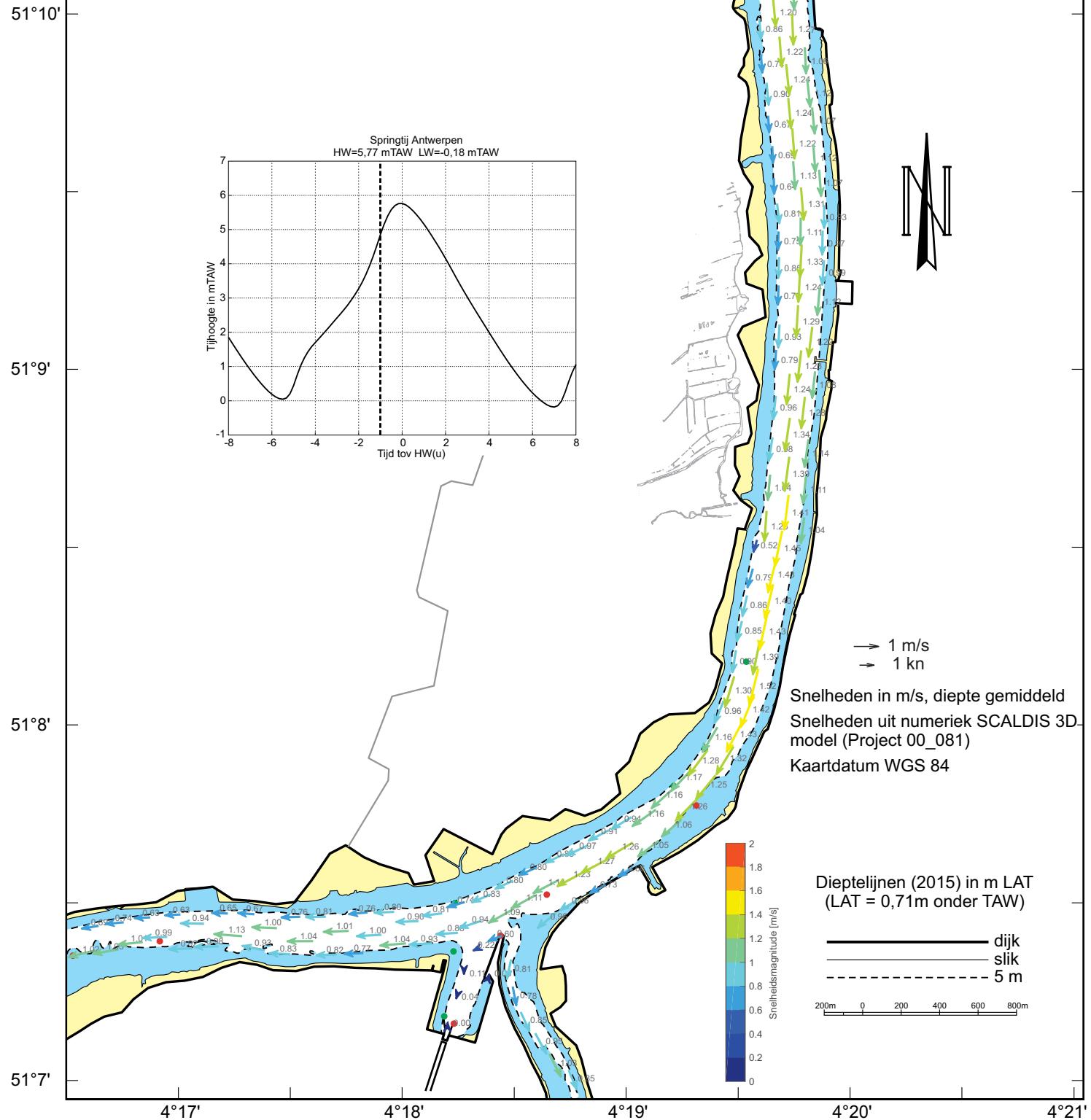


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Springtij : 1u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

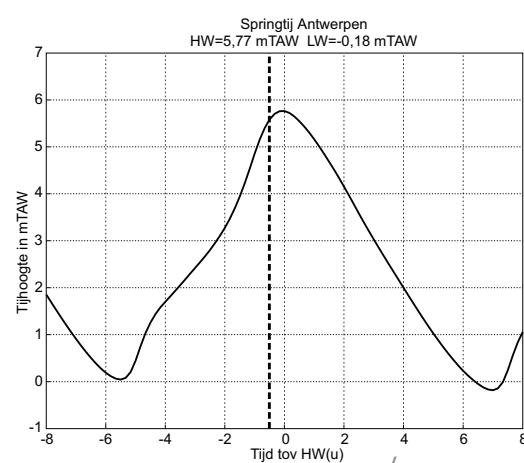
## vak Monding Hoboken - Rupel

Springtij : 0u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

4°17'

4°18'

4°19'

4°20'

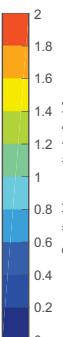
4°21'



→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D-  
model (Project 00\_081)  
Kaartdatum WGS 84

Dieptelijnen (2015) in m LAT  
(LAT = 0,71m onder TAW)



dijk  
slik  
5 m

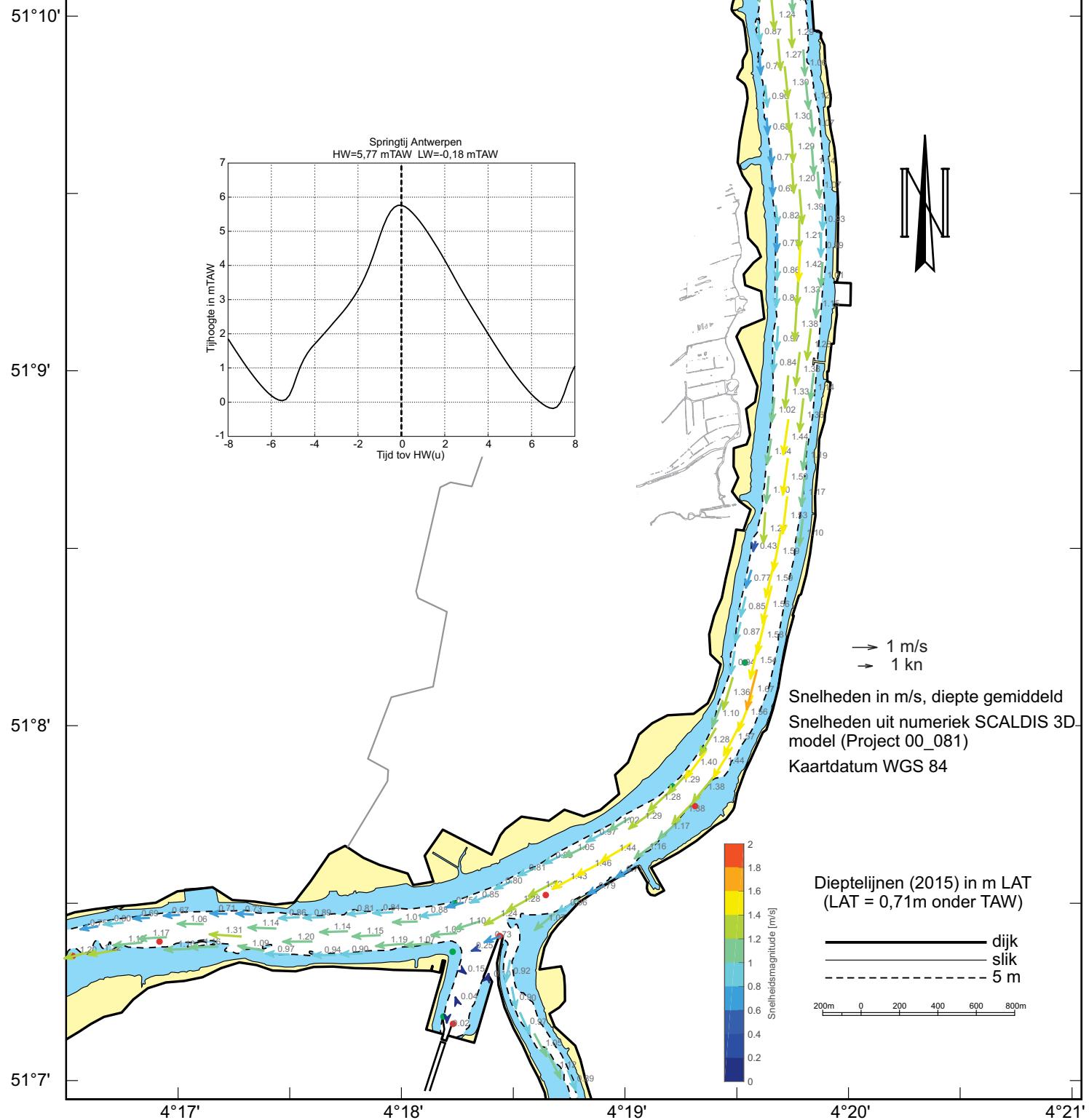
200m 0 200 400 600 800m

# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

**Springtij : HW**  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

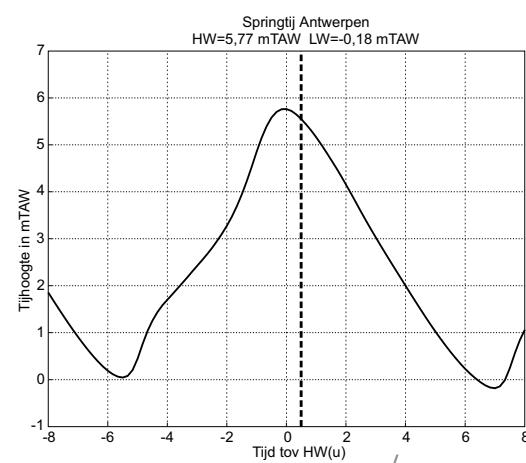
## vak Monding Hoboken - Rupel

**Springtij : 0u30 na HW  
te Antwerpen**

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

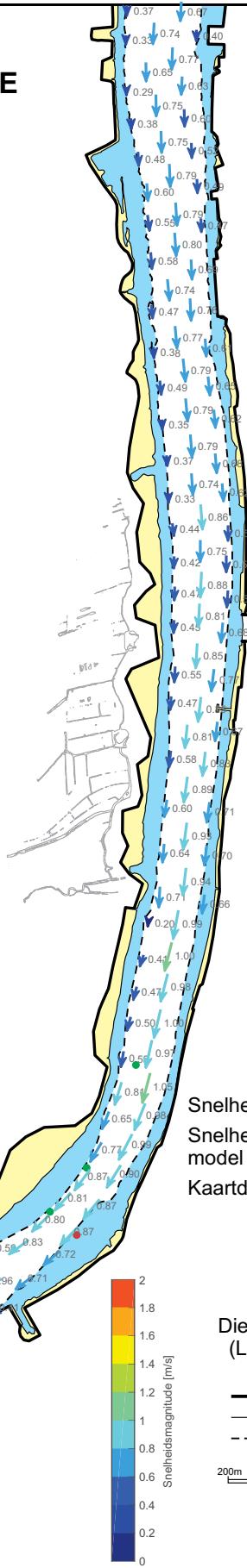
4°17'

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dijk  
slik  
5 m

200m 0 200 400 600 800m

# STROOMATLAS BENEDEN ZEESCHELDE

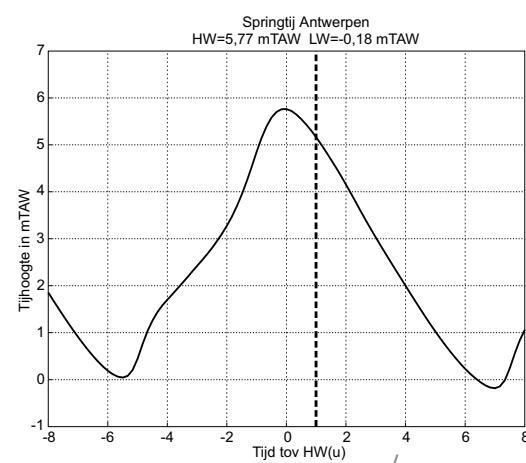
## vak Monding Hoboken - Rupel

**Springtij : 1u00 na HW  
te Antwerpen**

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

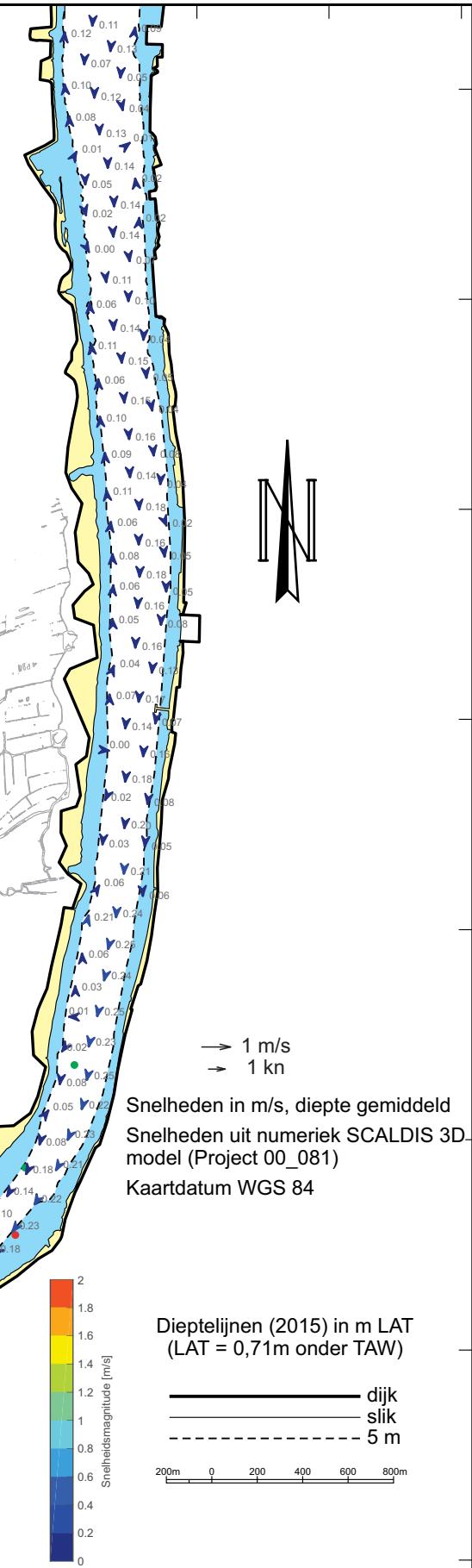
4°17'

4°18'

4°19'

4°20'

4°21'



# STROOMATLAS BENEDEN ZEESCHELDE

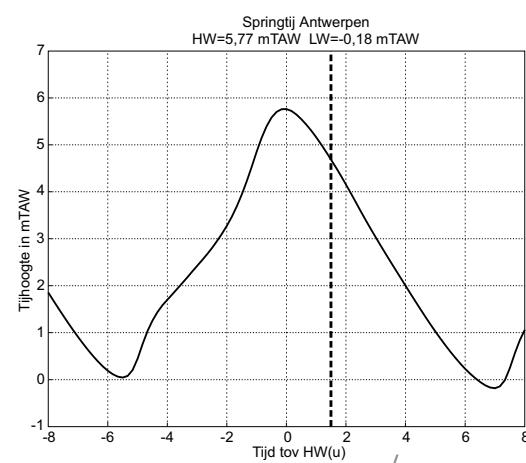
## vak Monding Hoboken - Rupel

**Springtij : 1u30 na HW  
te Antwerpen**

Flanders  
Hydraulics Research



51°10'



51°9'

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51°7'

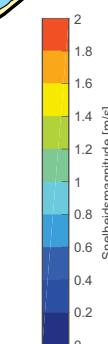
4°17'

4°18'

4°19'

4°20'

4°21'



Dieptelijnen (2015) in m LAT  
(LAT = 0,71m onder TAW)

— dijk  
— slik  
- - - 5 m

200m 0 200 400 600 800m

→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D-  
model (Project 00\_081)  
Kaartdatum WGS 84

# STROOMATLAS BENEDEN ZEESCHELDE

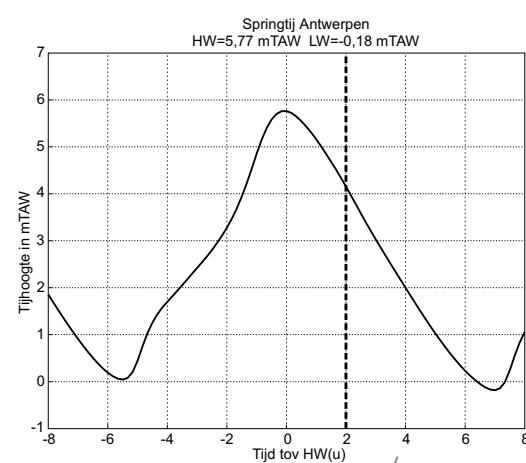
## vak Monding Hoboken - Rupel

**Springtij : 2u00 na HW  
te Antwerpen**

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

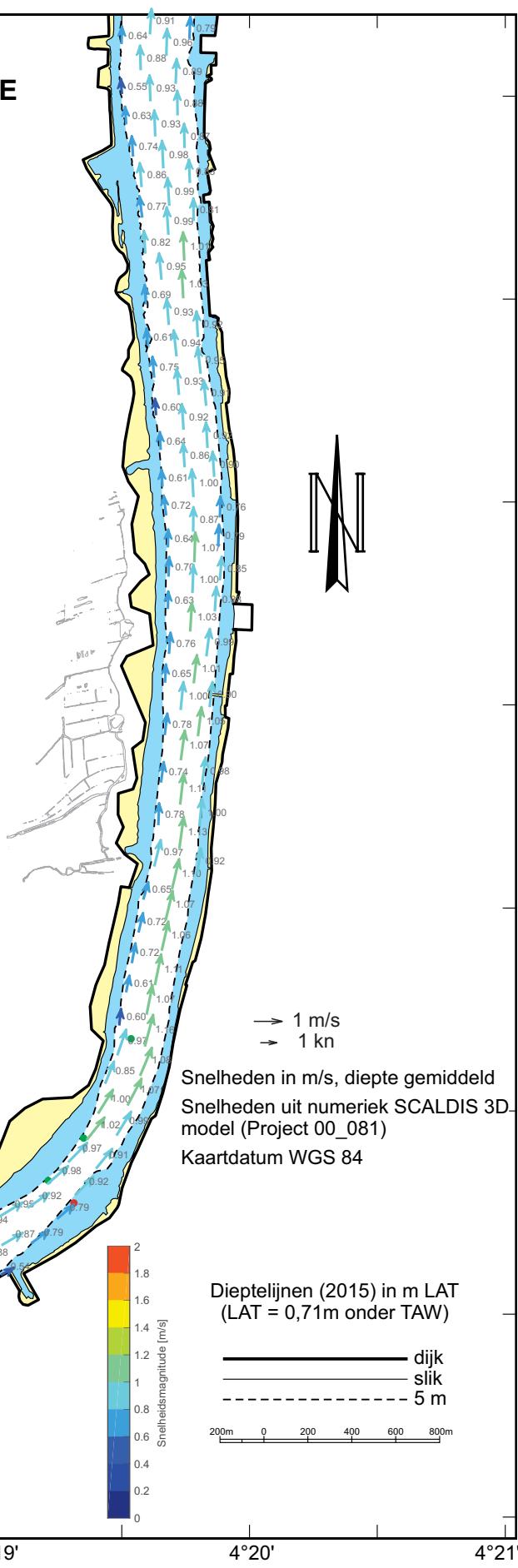
4°17'

4°18'

4°19'

4°20'

4°21'



# STROOMATLAS BENEDEN ZEESCHELDE

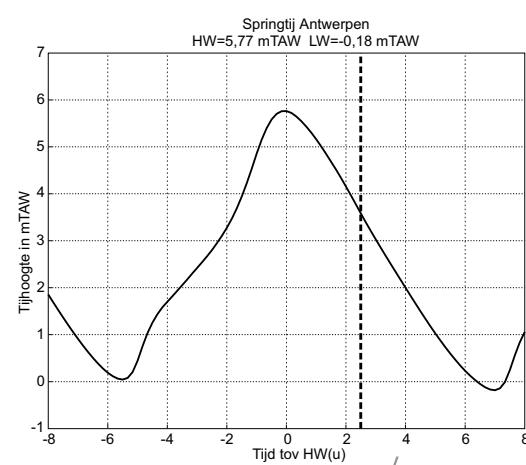
## vak Monding Hoboken - Rupel

**Springtij : 2u30 na HW  
te Antwerpen**

Flanders  
Hydraulics Research



51°10'



51°9'

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51°7'

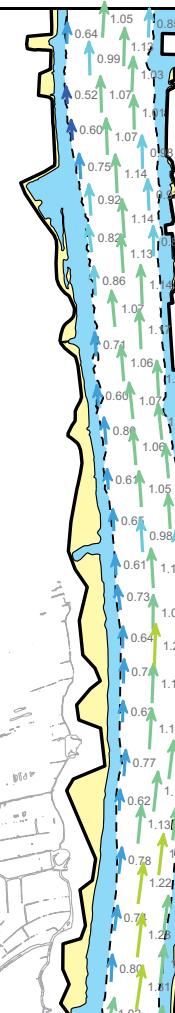
4°17'

4°18'

4°19'

4°20'

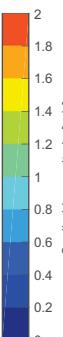
4°21'



→ 1 m/s  
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Snelheden in m/s, diepte gemiddeld  
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Dieptelijnen (2015) in m LAT  
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dijk  
slik  
5 m

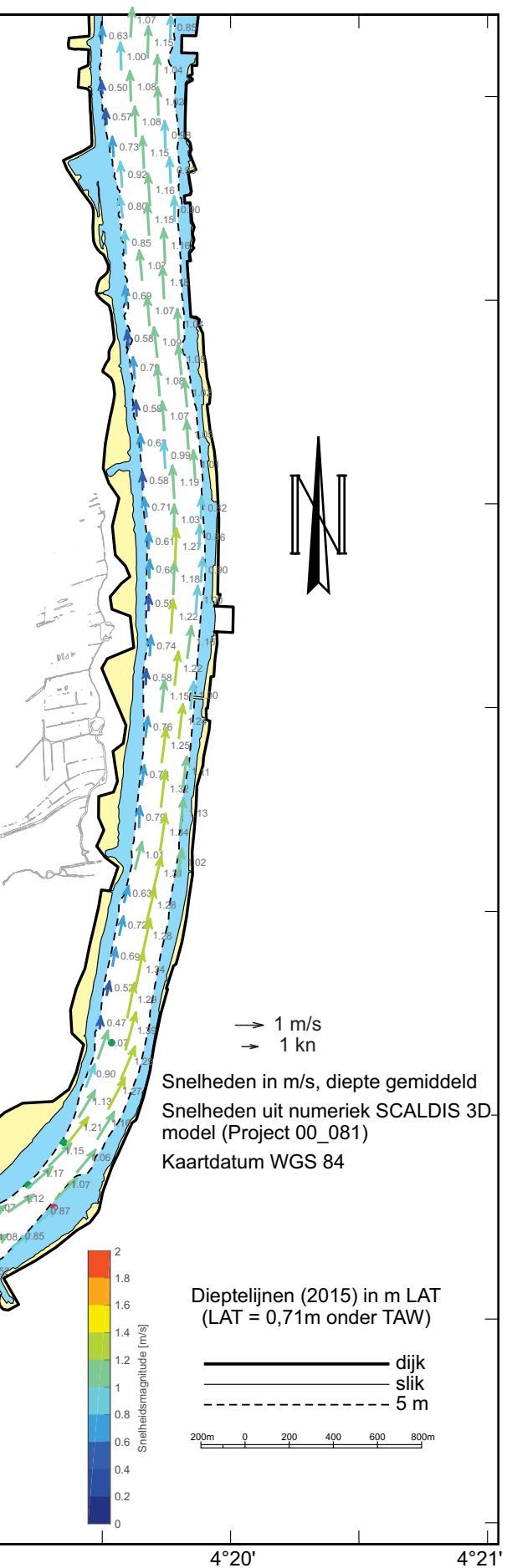
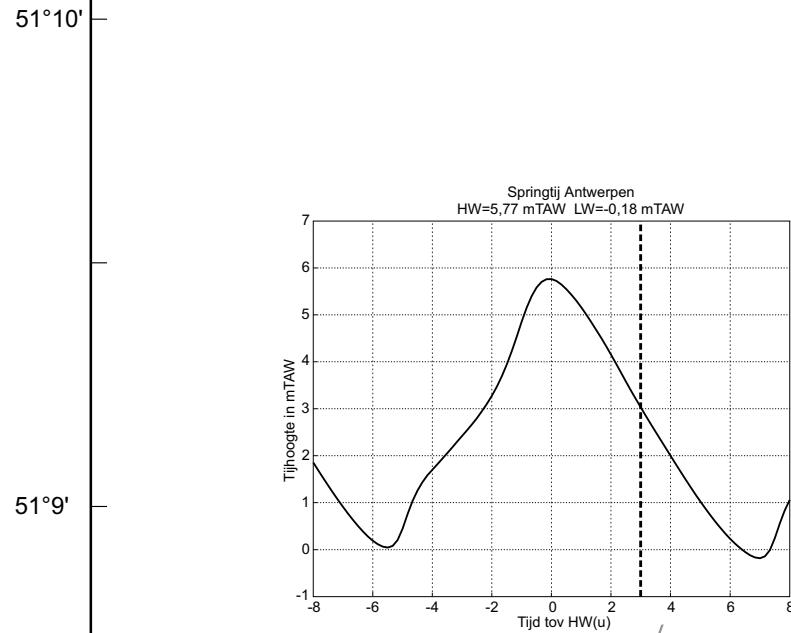
200m 0 200 400 600 800m

# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Springtij : 3u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

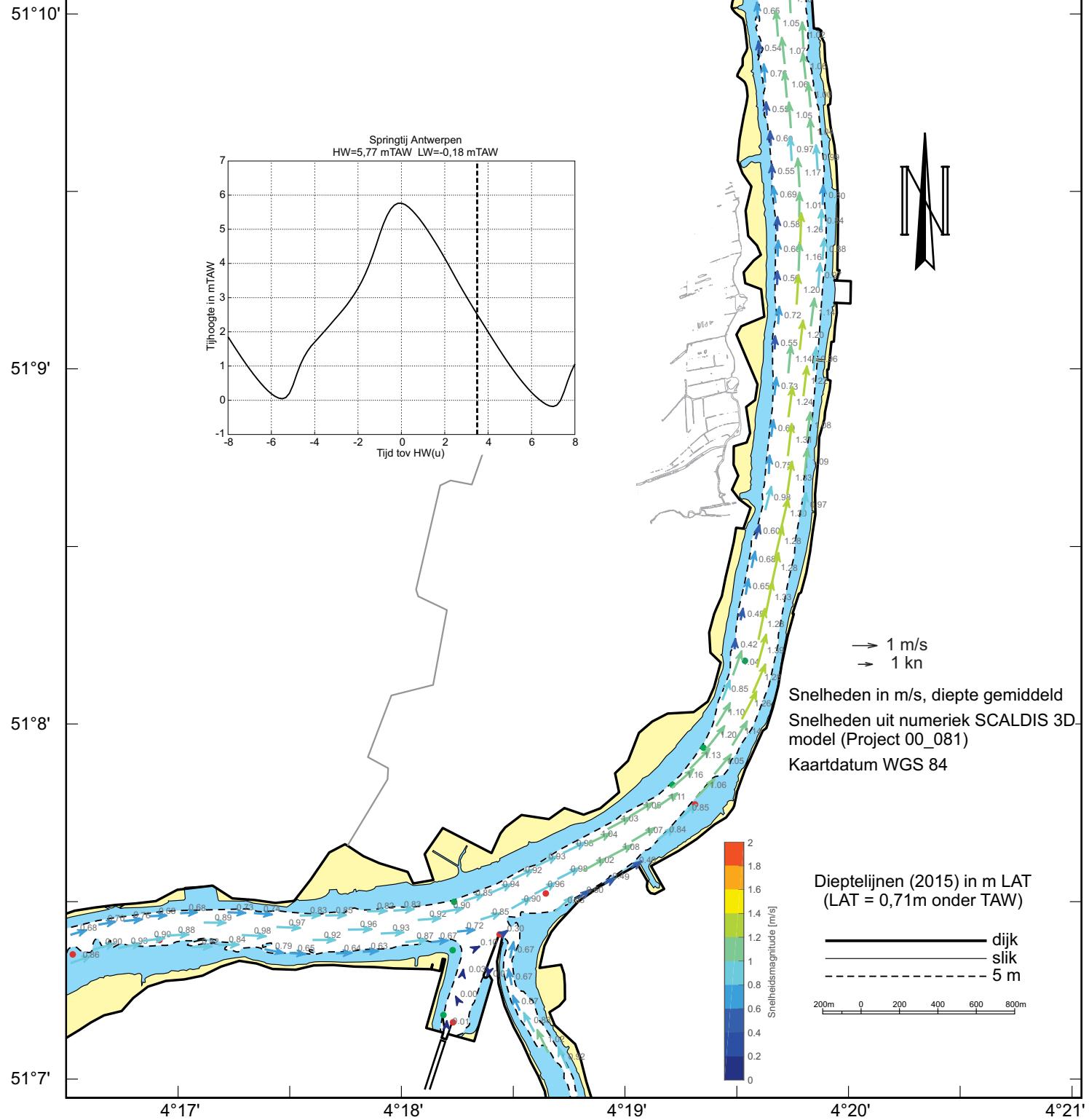


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

**Springtij : 3u30 na HW  
te Antwerpen**

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

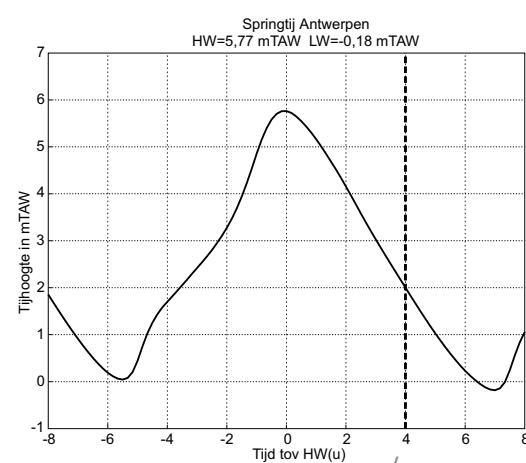
vak Monding Hoboken - Rupel

Springtij : 4u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

4°17'

4°18'

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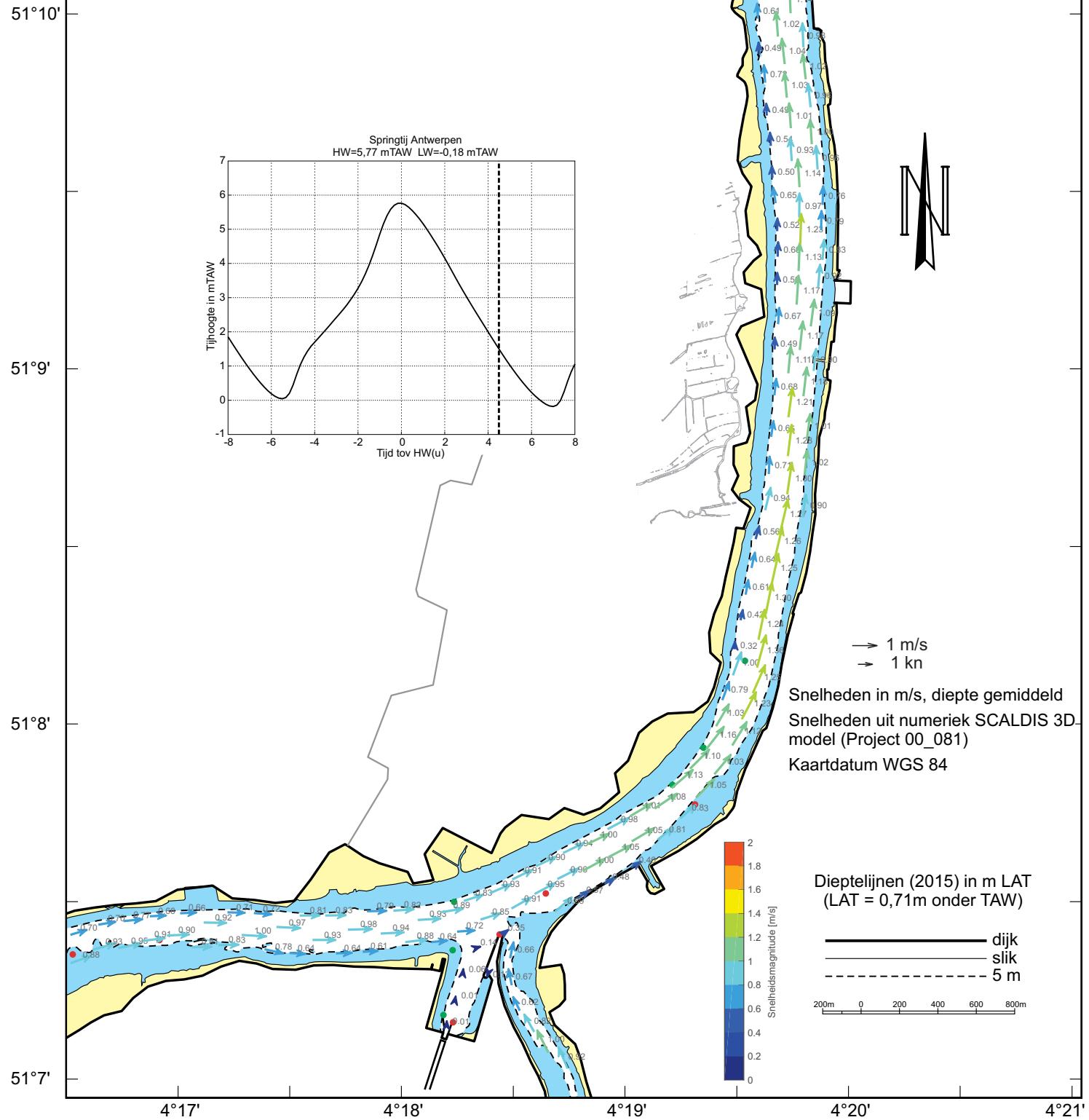


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Springtij : 4u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

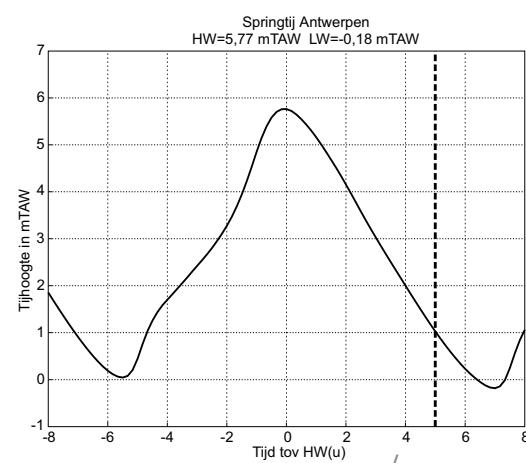
## vak Monding Hoboken - Rupel

**Springtij : 5u00 na HW  
te Antwerpen**

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

4°17'

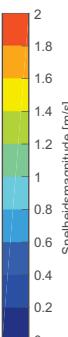
4°18'

4°19'

4°20'

4°21'

Dieptelijnen (2015) in m LAT  
(LAT = 0,71m onder TAW)



dijk  
slik  
5 m

200m 0 200 400 600 800m

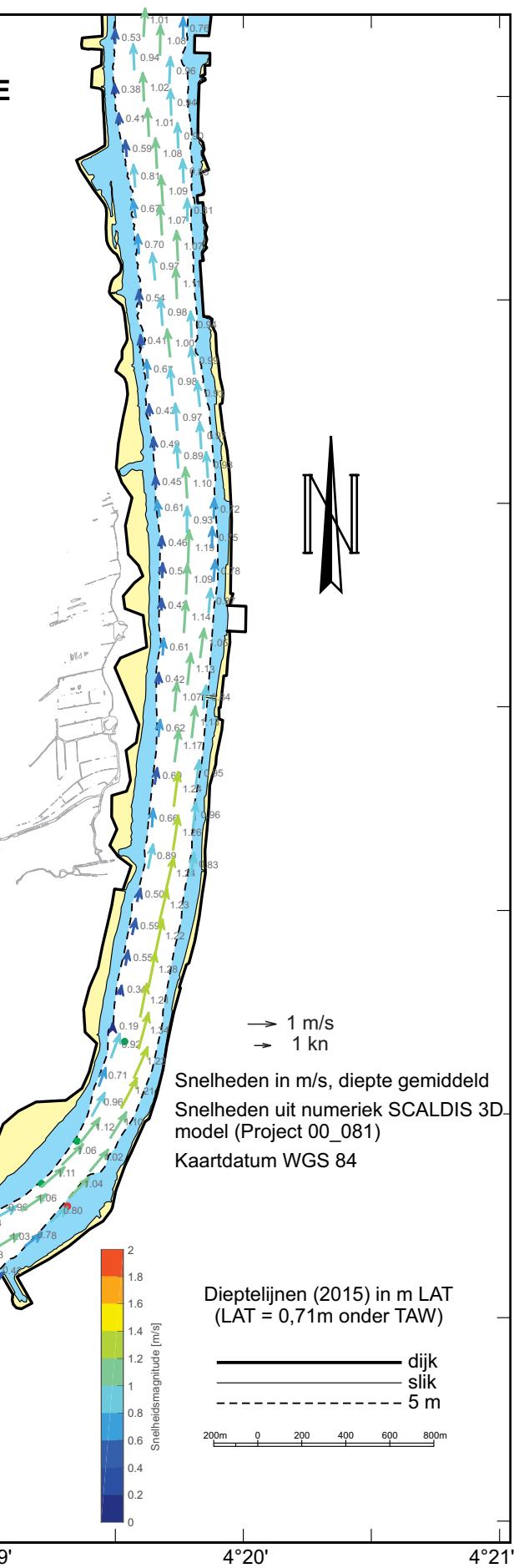
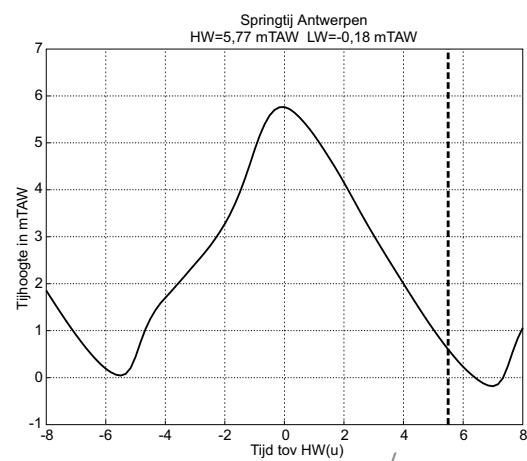
→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D-  
model (Project 00\_081)  
Kaartdatum WGS 84

# **STROOMATLAS BENEDEN ZEESCHELDE**

## **vak Monding Hoboken - Rupel**

## **Springtij : 5u30 na HW te Antwerpen**

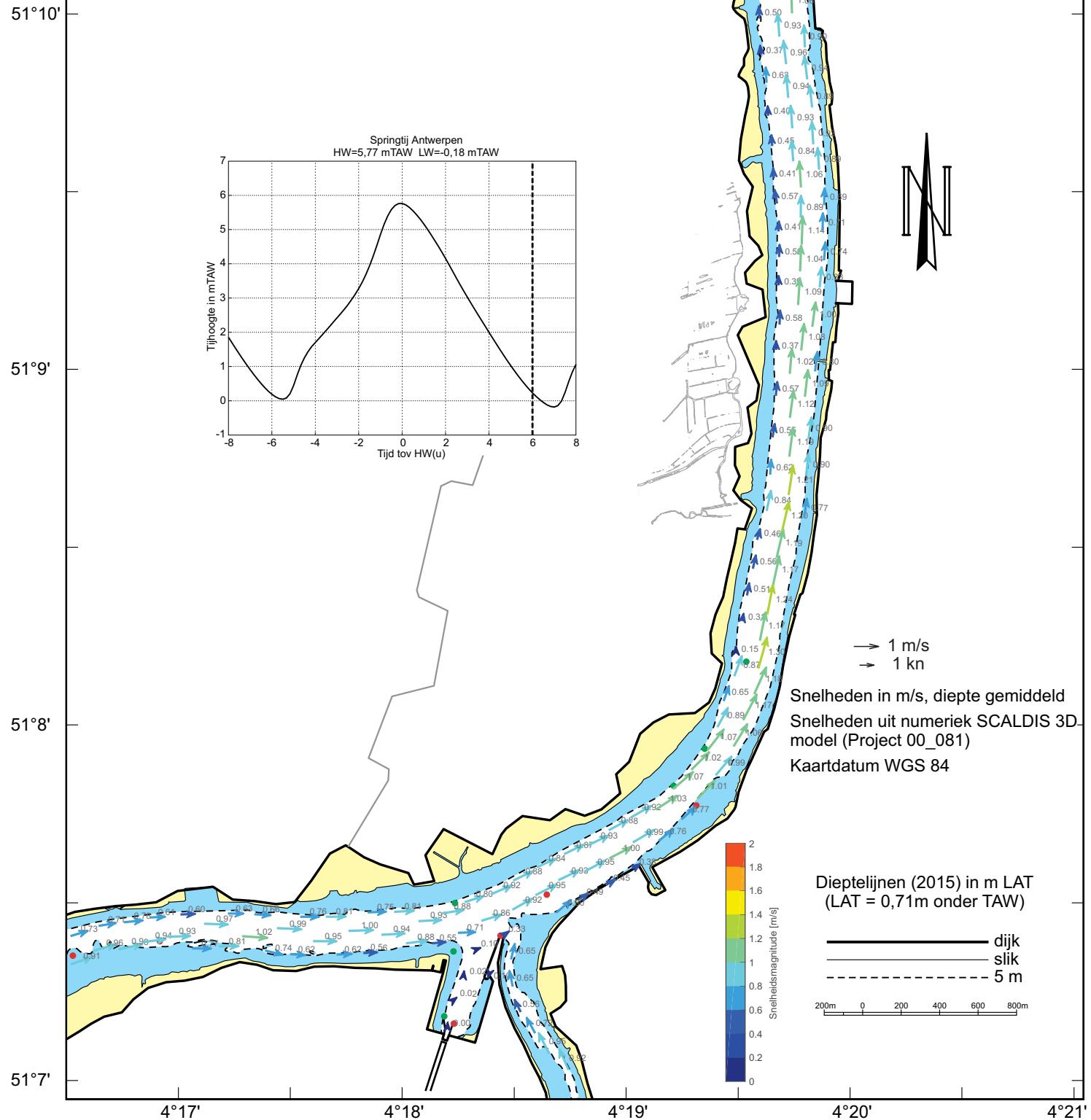


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Springtij : 6u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

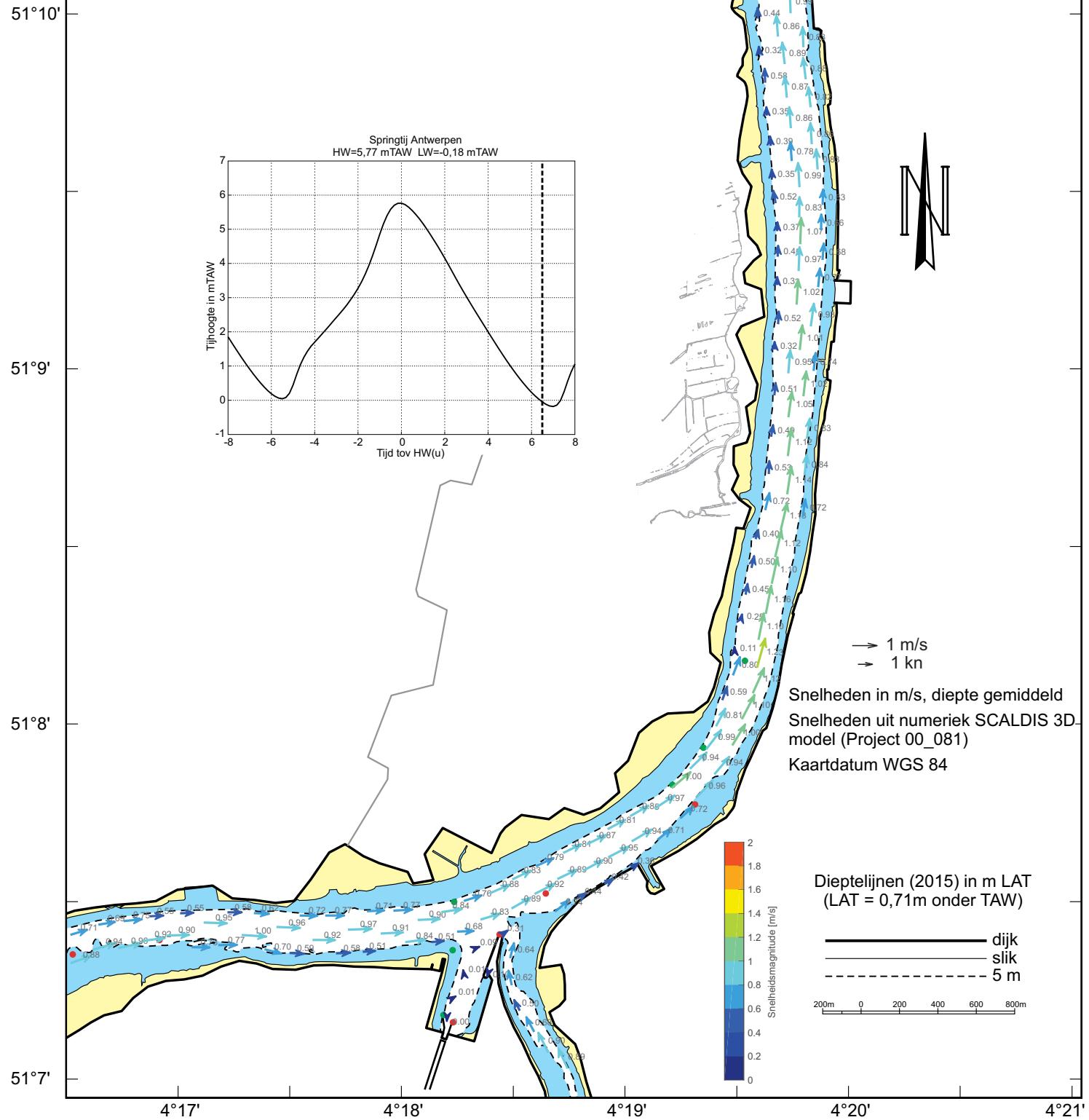


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Springtij : 6u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research





# **STROOMATLAS BENEDEN ZEESCHELDE**

## vak Hoboken - Monding Rupel

**GEMIDDELD GETIJ**

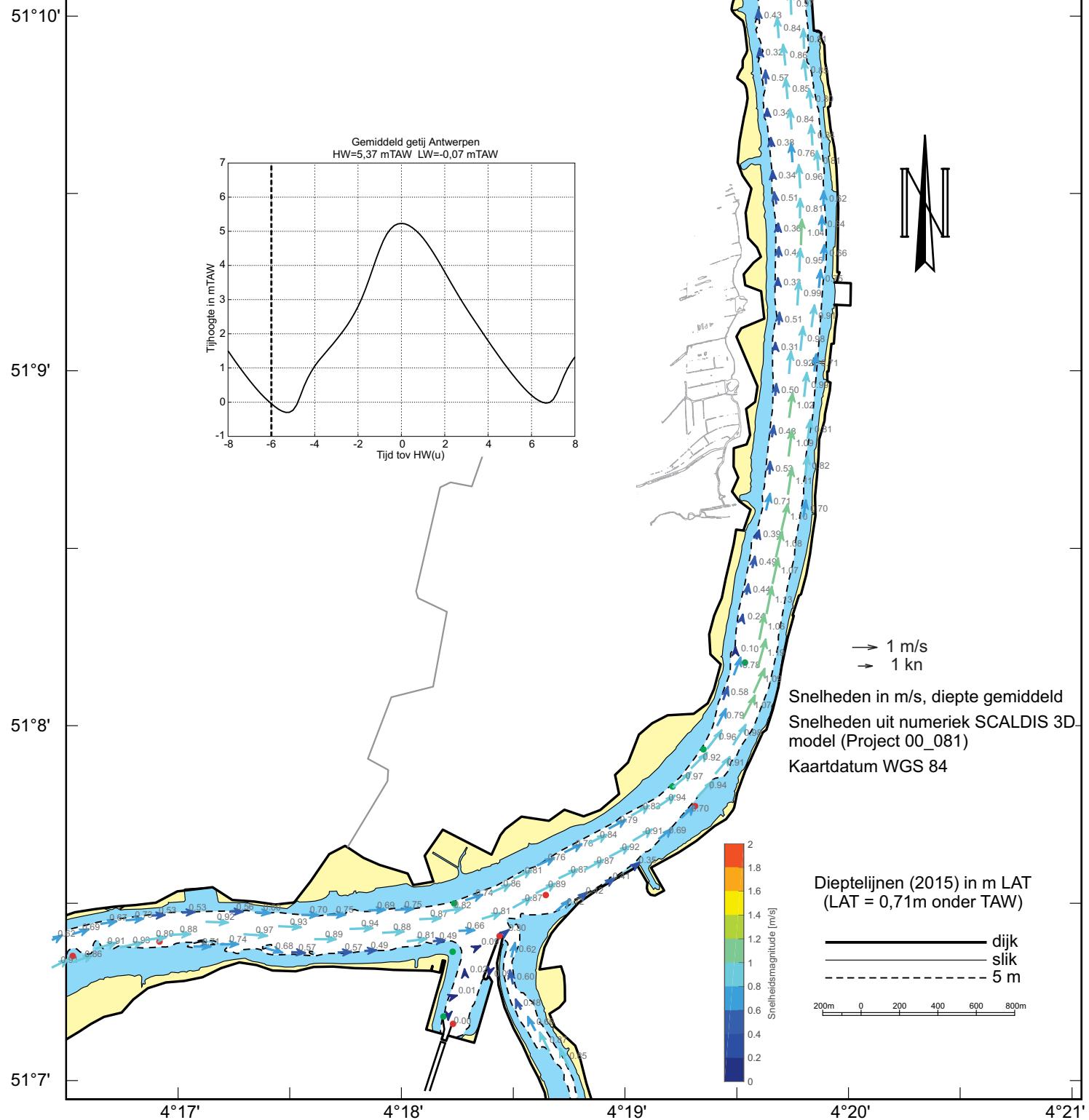
*Vlaamse overheid  
Departement Mobiliteit en Openbare Werken  
Waterbouwkundig Laboratorium*

# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Gemiddeld getij : 6u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

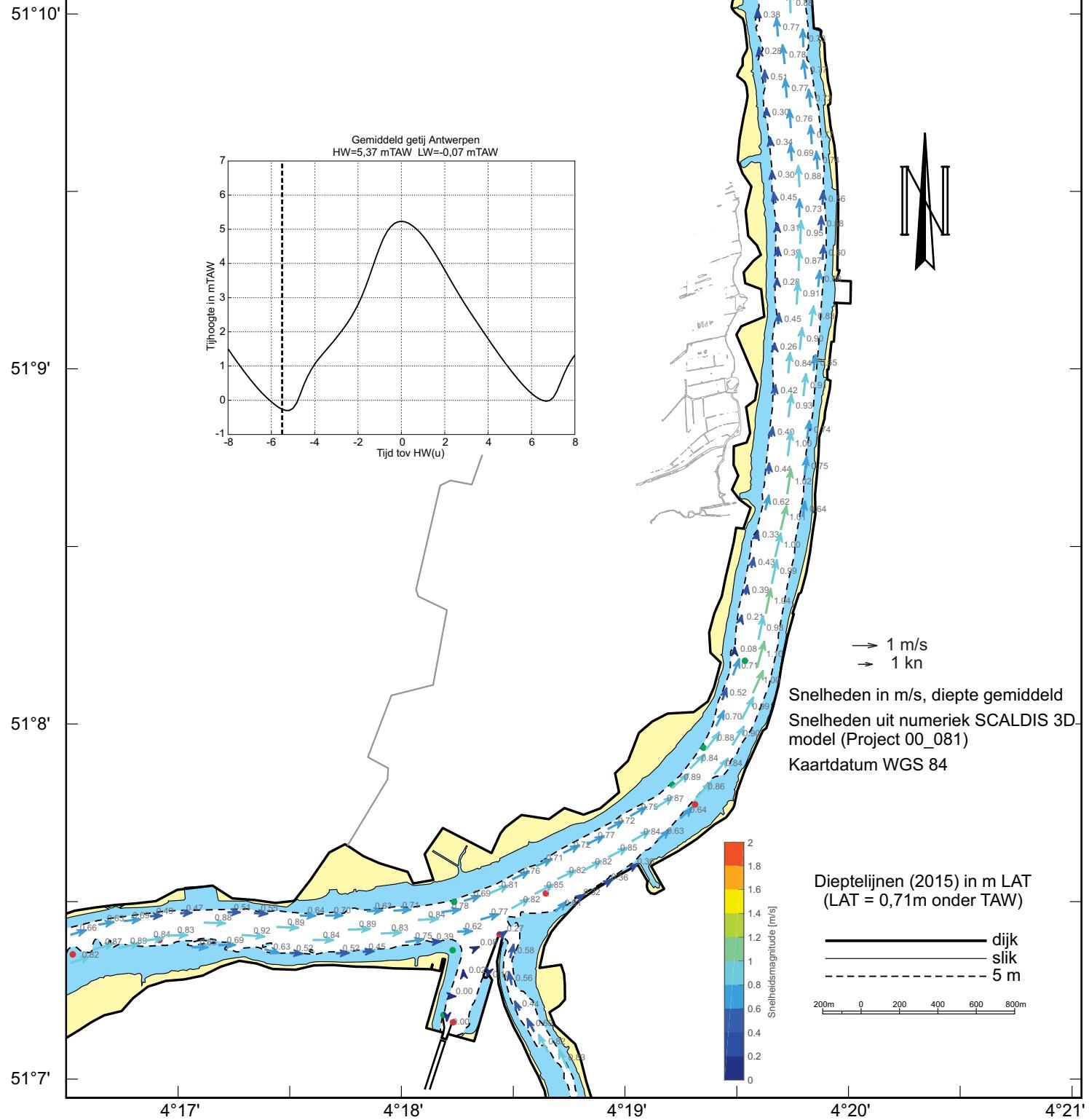


# STROOMATLAS BENEDEN ZEESCHELDE

vak Monding Hoboken - Rupel

Gemiddeld getij : 5u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

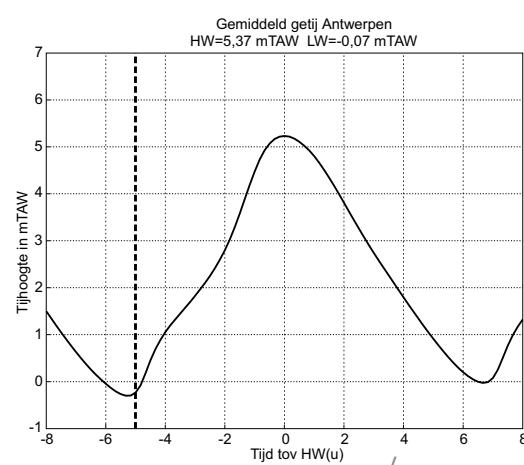
## vak Monding Hoboken - Rupel

**Gemiddeld getij : 5u00 voor HW  
te Antwerpen**

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

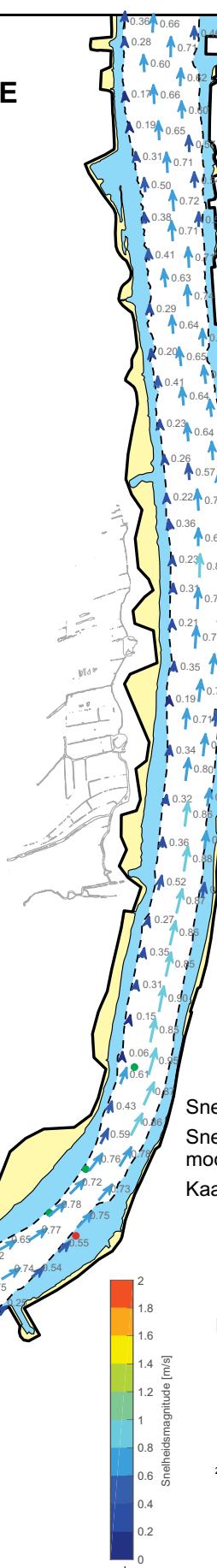
4°17'

4°18'

4°19'

4°20'

4°21'



Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D-  
model (Project 00\_081)  
Kaartdatum WGS 84

Dieptelijnen (2015) in m LAT  
(LAT = 0,71m onder TAW)

dijk  
slik  
5 m

200m 0 200 400 600 800m

# STROOMATLAS BENEDEN ZEESCHELDE

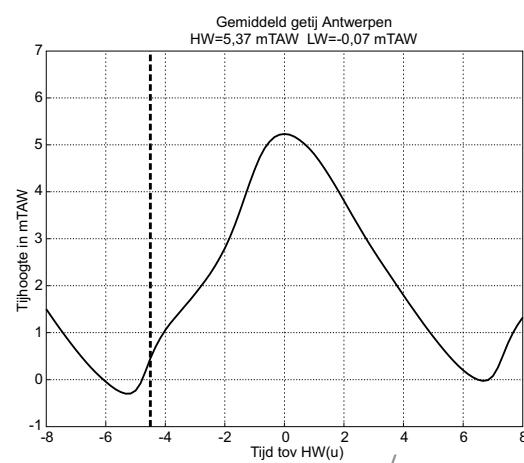
## vak Monding Hoboken - Rupel

Gemiddeld getij : 4u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

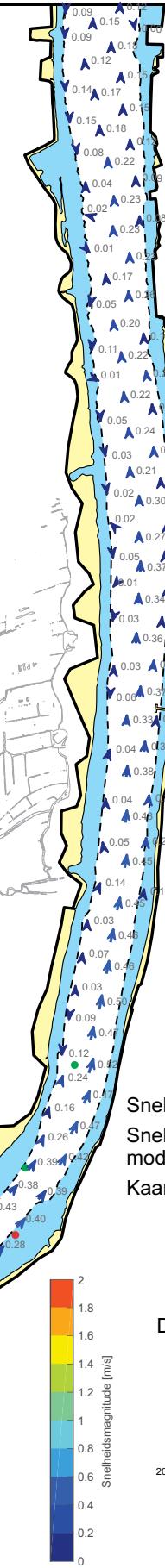
4°17'

4°18'

4°19'

4°20'

4°21'



Dieptelijnen (2015) in m LAT  
(LAT = 0,71m onder TAW)

dijk  
slik  
5 m

200m 0 200 400 600 800m

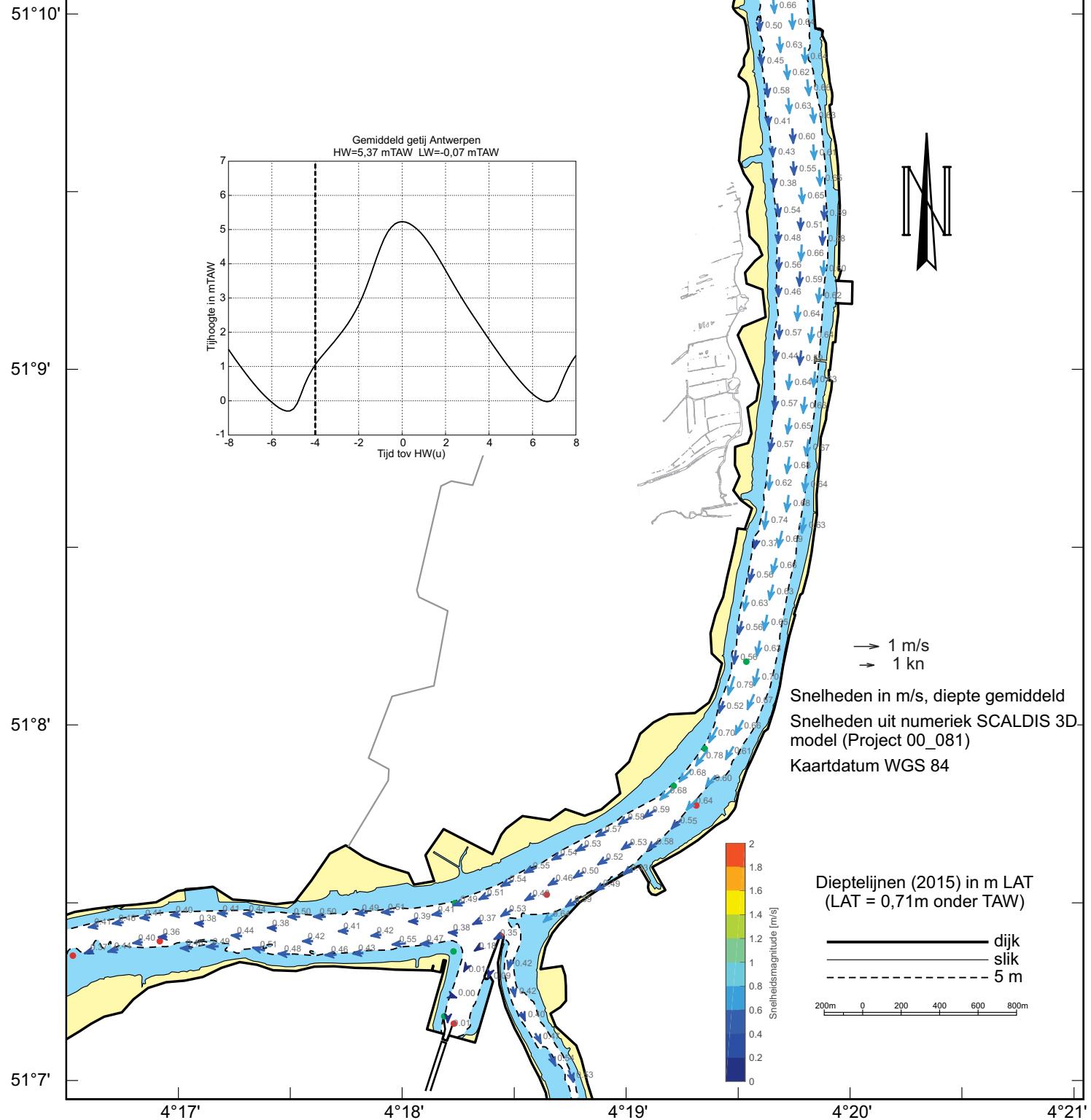
→ 1 m/s  
→ 1 kn  
Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D-  
model (Project 00\_081)  
Kaartdatum WGS 84

# STROOMATLAS BENEDEN ZEESCHELDE

vak Monding Hoboken - Rupel

Gemiddeld getij : 4u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

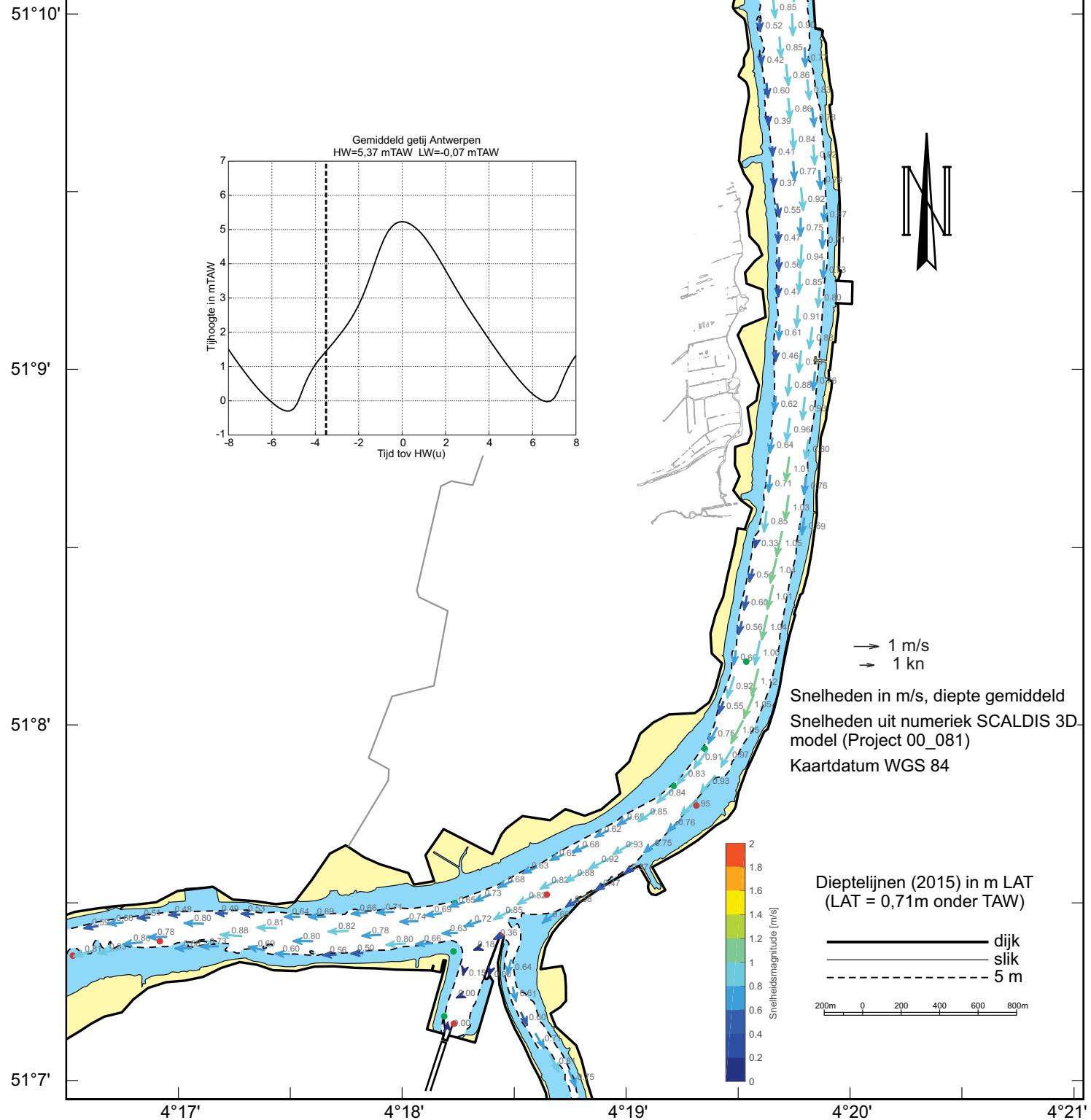


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Gemiddeld getij : 3u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

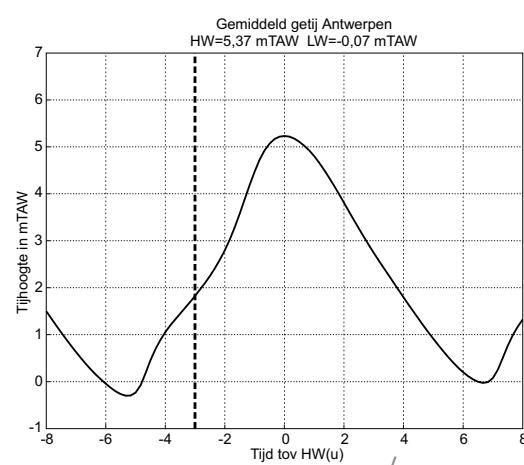
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Gemiddeld getij : 3u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

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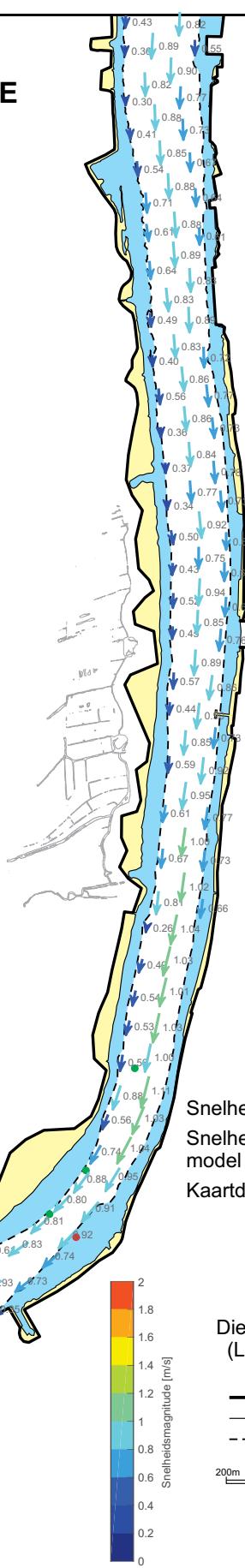
4°17'

4°18'

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Snelheden in m/s, diepte gemiddeld  
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Kaartdatum WGS 84

Dieptelijnen (2015) in m LAT  
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dijk  
slik  
5 m

200m 0 200 400 600 800m

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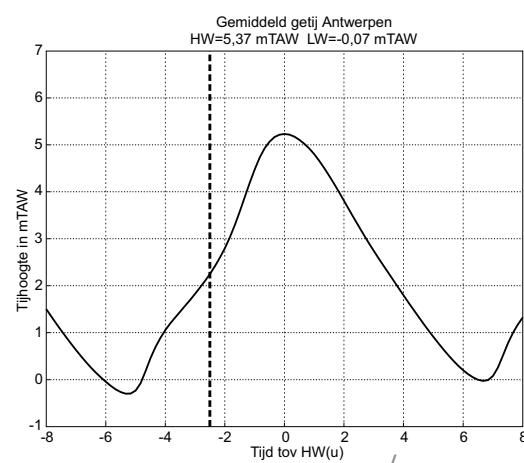
## vak Monding Hoboken - Rupel

Gemiddeld getij : 2u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

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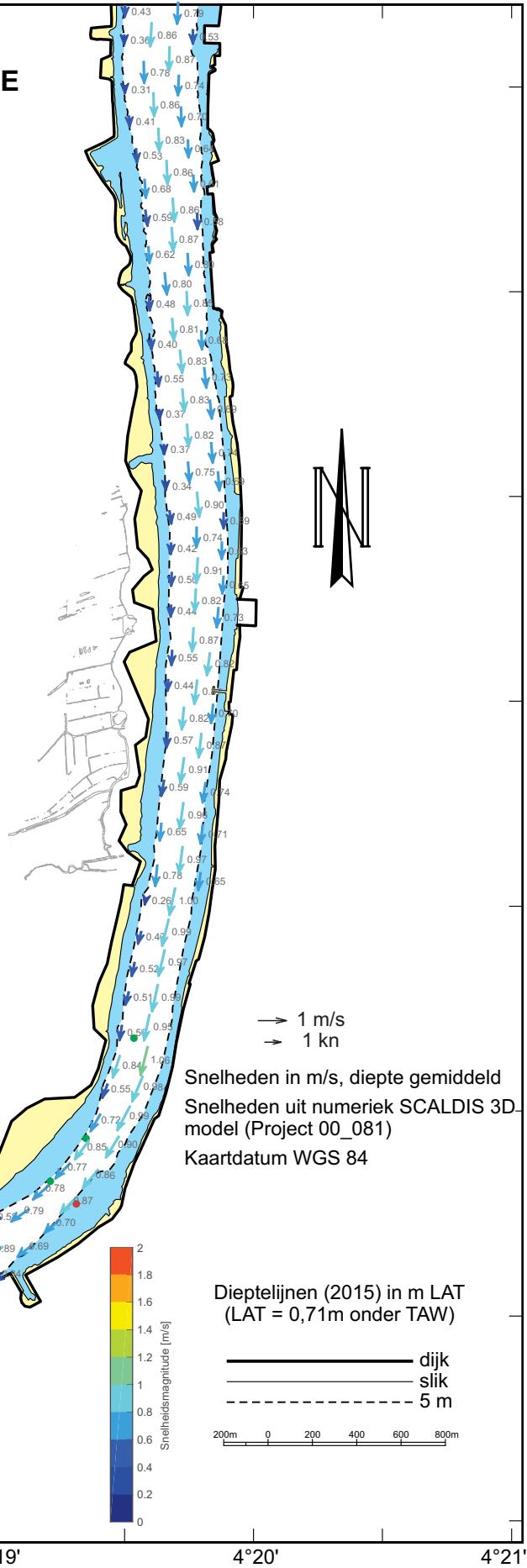
4°17'

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4°19'

4°20'

4°21'



# STROOMATLAS BENEDEN ZEESCHELDE

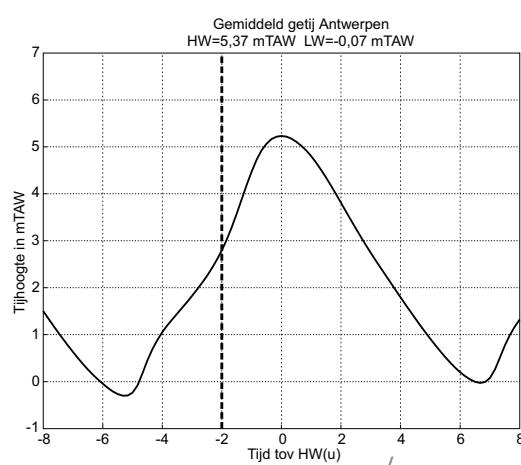
vak Monding Hoboken - Rupel

Gemiddeld getij : 2u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

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51°7'

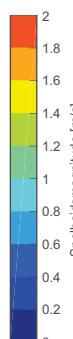
4°17'

4°18'

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Dieptelijnen (2015) in m LAT  
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— dijk  
— slik  
- - - 5 m

200m 0 200 400 600 800m

→ 1 m/s  
→ 1 kn

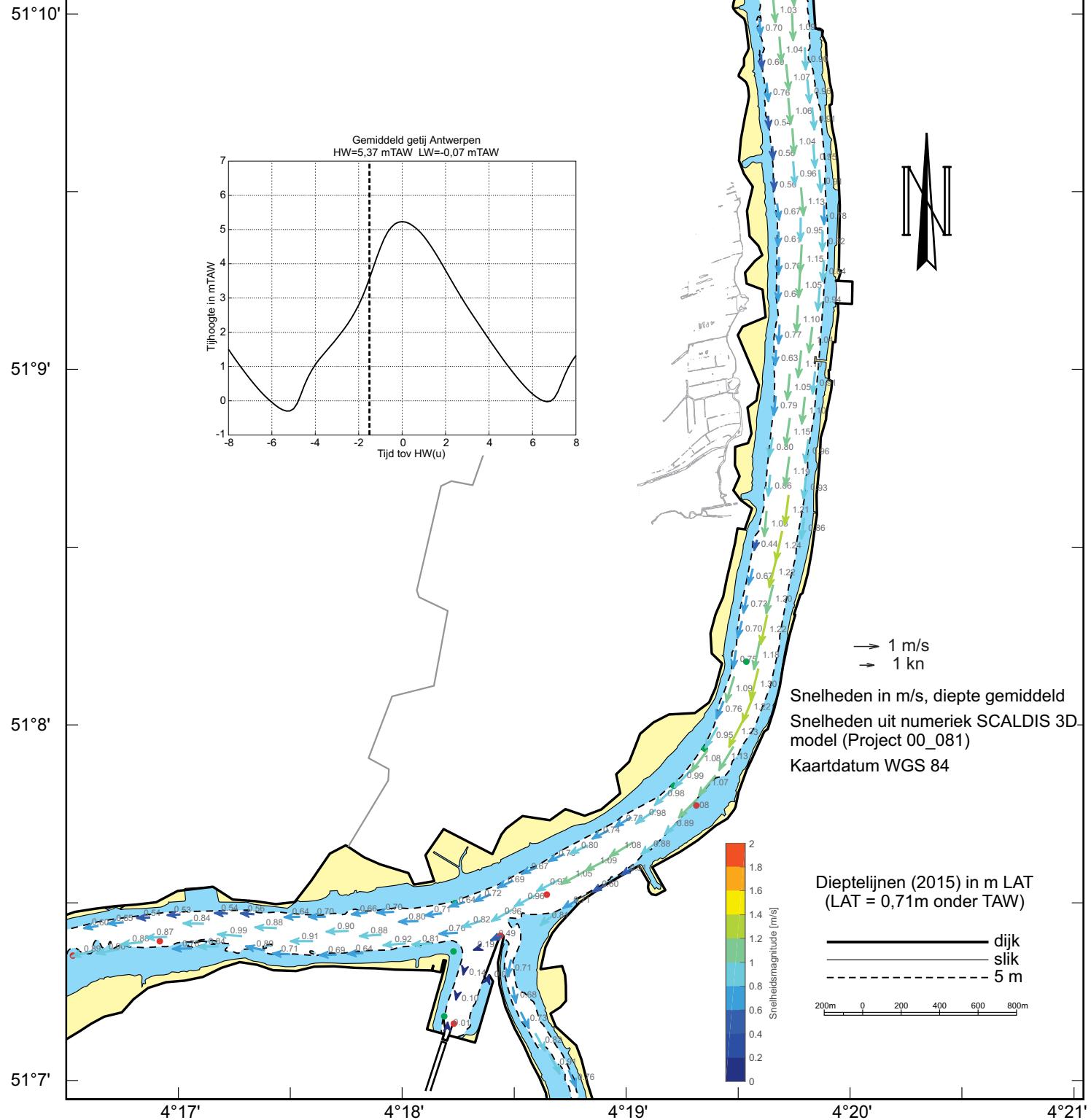
Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D-  
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Kaartdatum WGS 84

# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Gemiddeld getij : 1u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

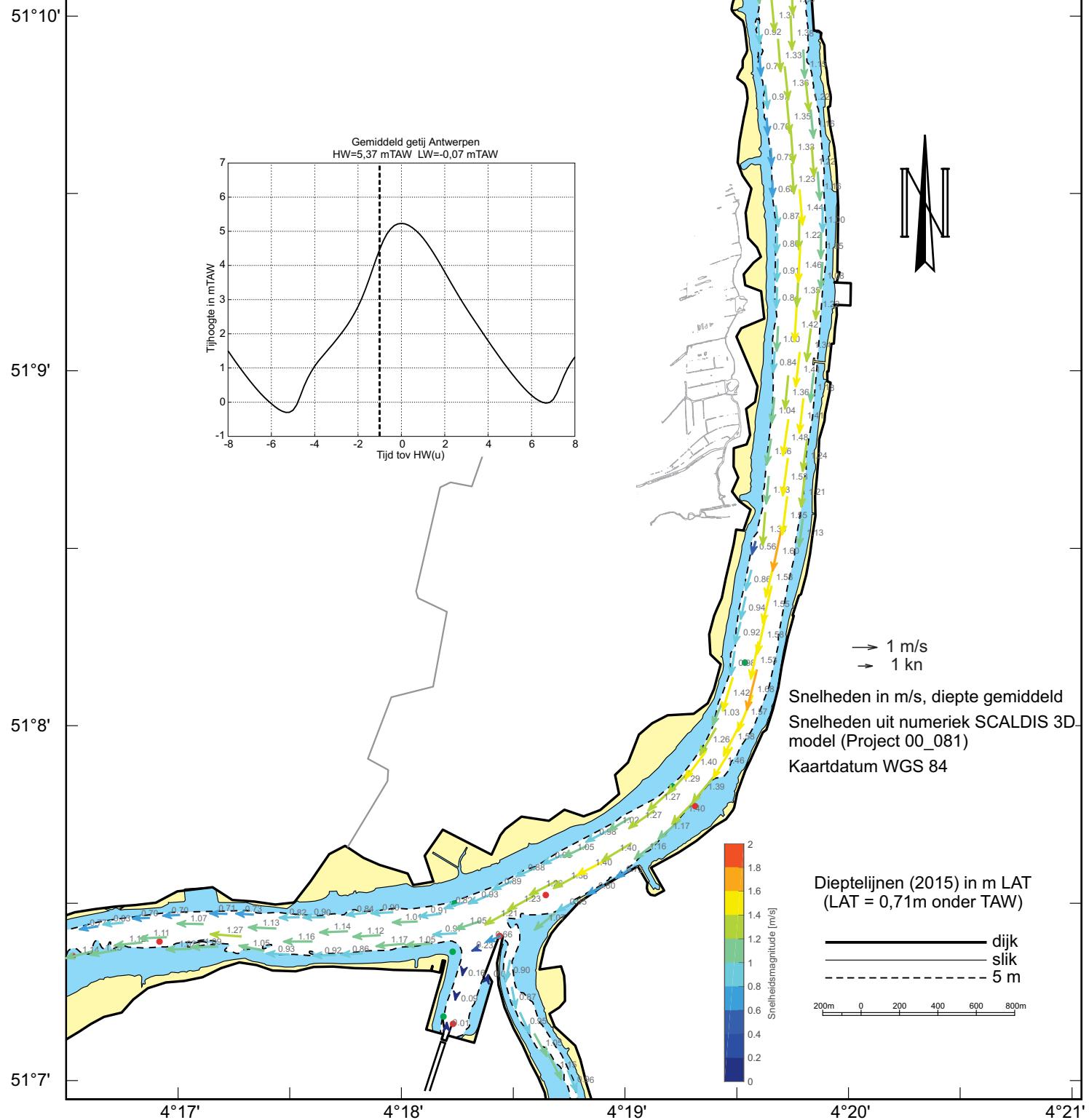


# STROOMATLAS BENEDEN ZEESCHELDE

vak Monding Hoboken - Rupel

Gemiddeld getij : 1u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

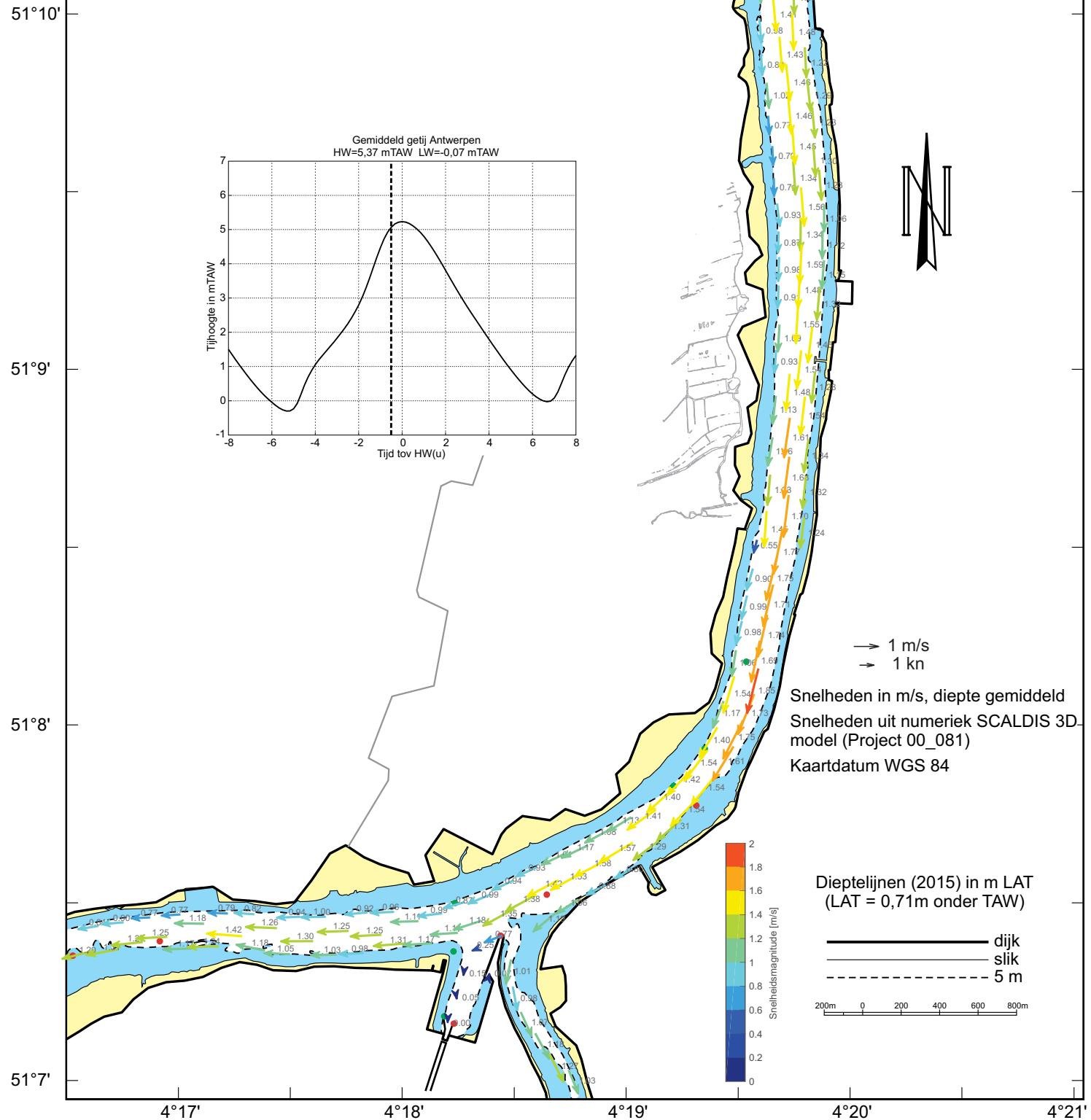


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Gemiddeld getij : 0u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research

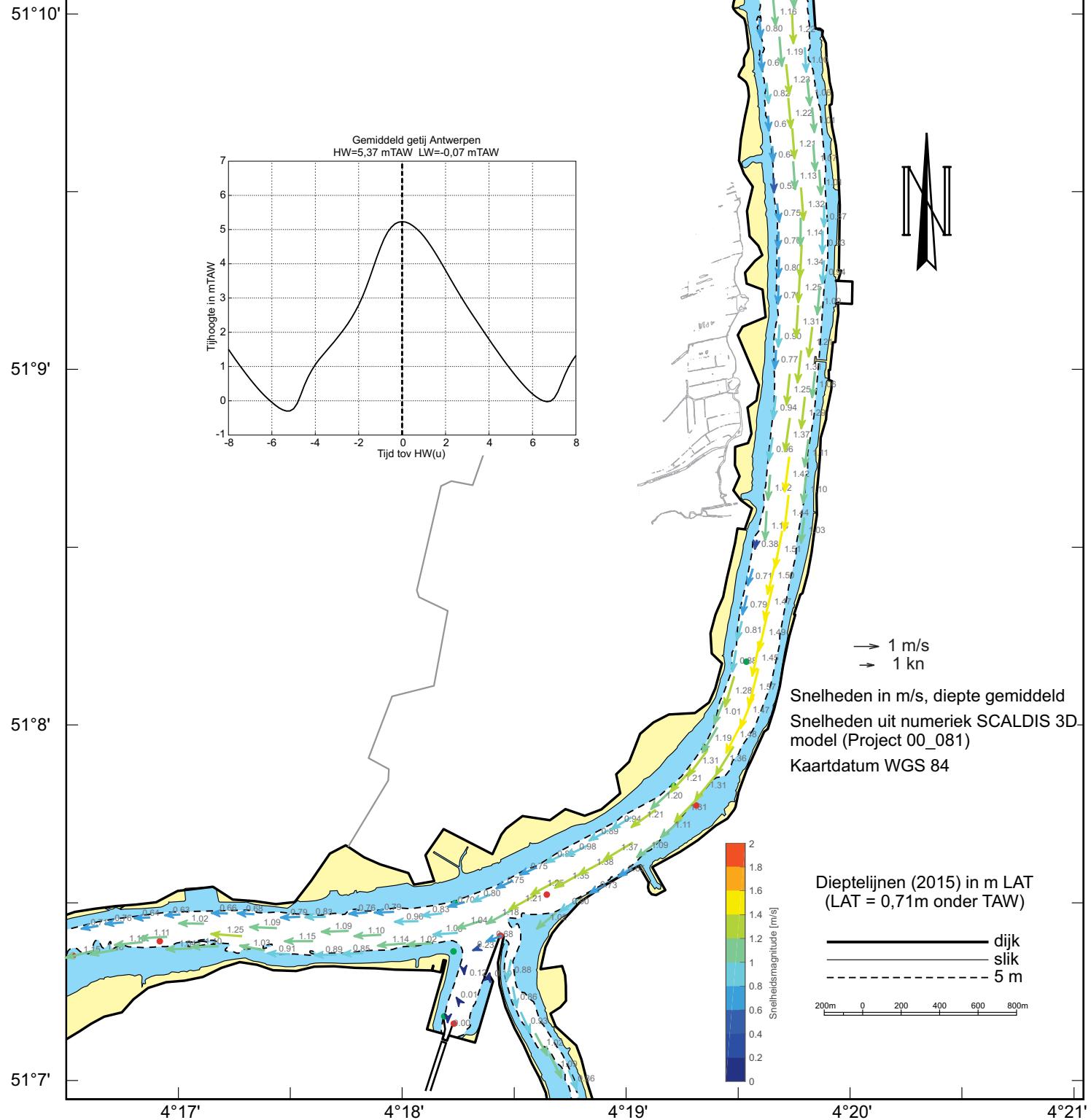


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Gemiddeld getij : HW  
te Antwerpen

Flanders  
Hydraulics Research

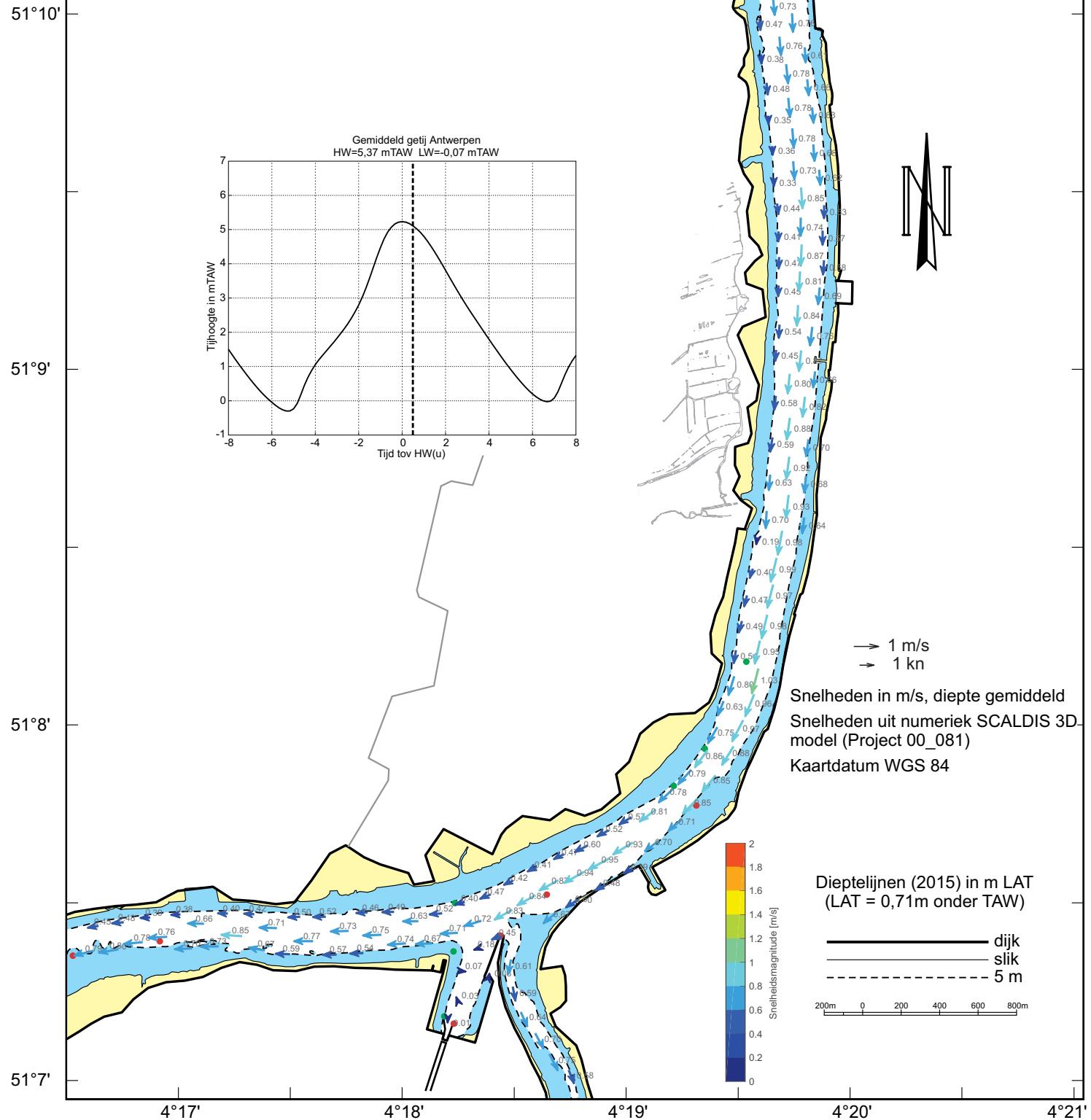


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Gemiddeld getij : 0u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

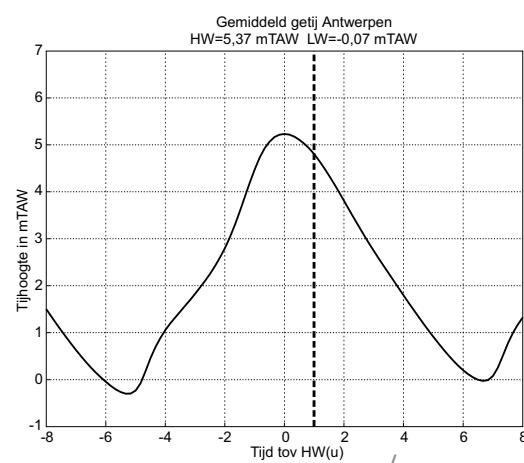
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Flanders  
Hydraulics Research



51°10'



51°9'

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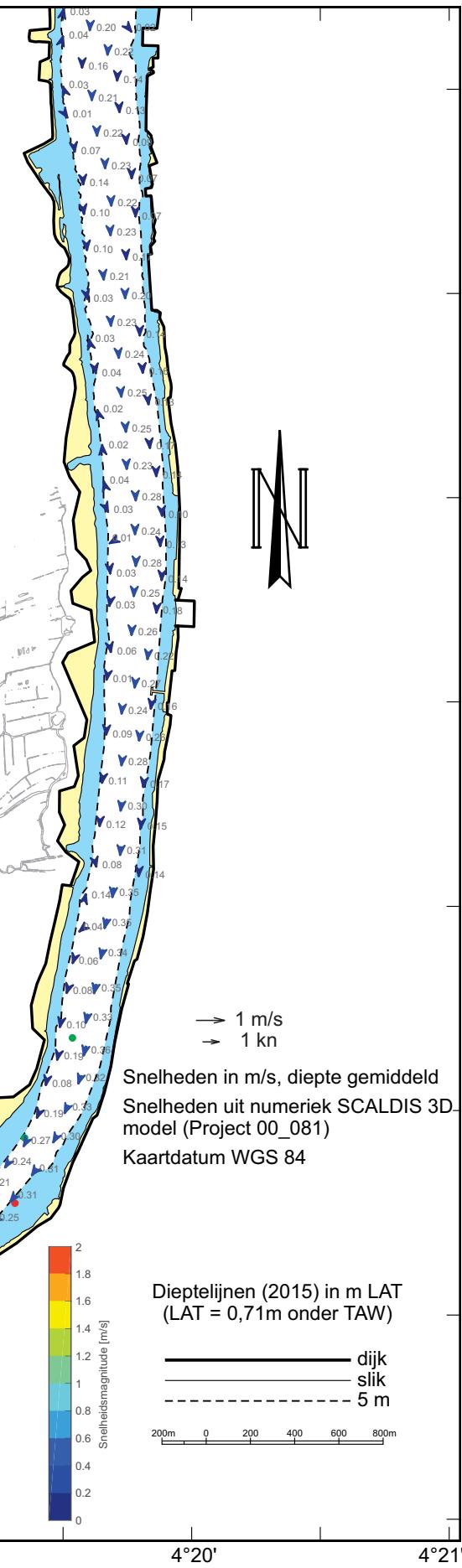
4°17'

4°18'

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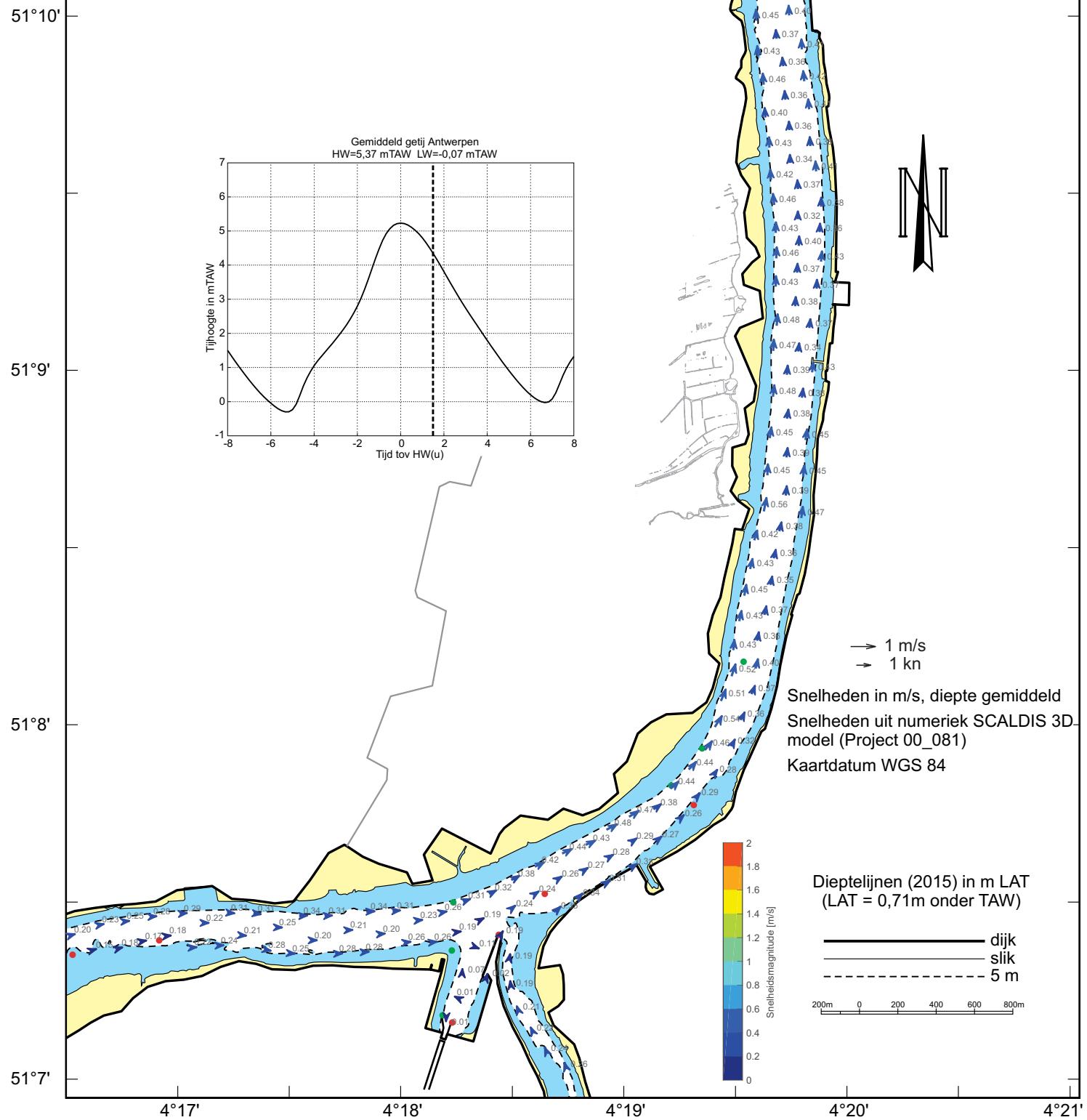


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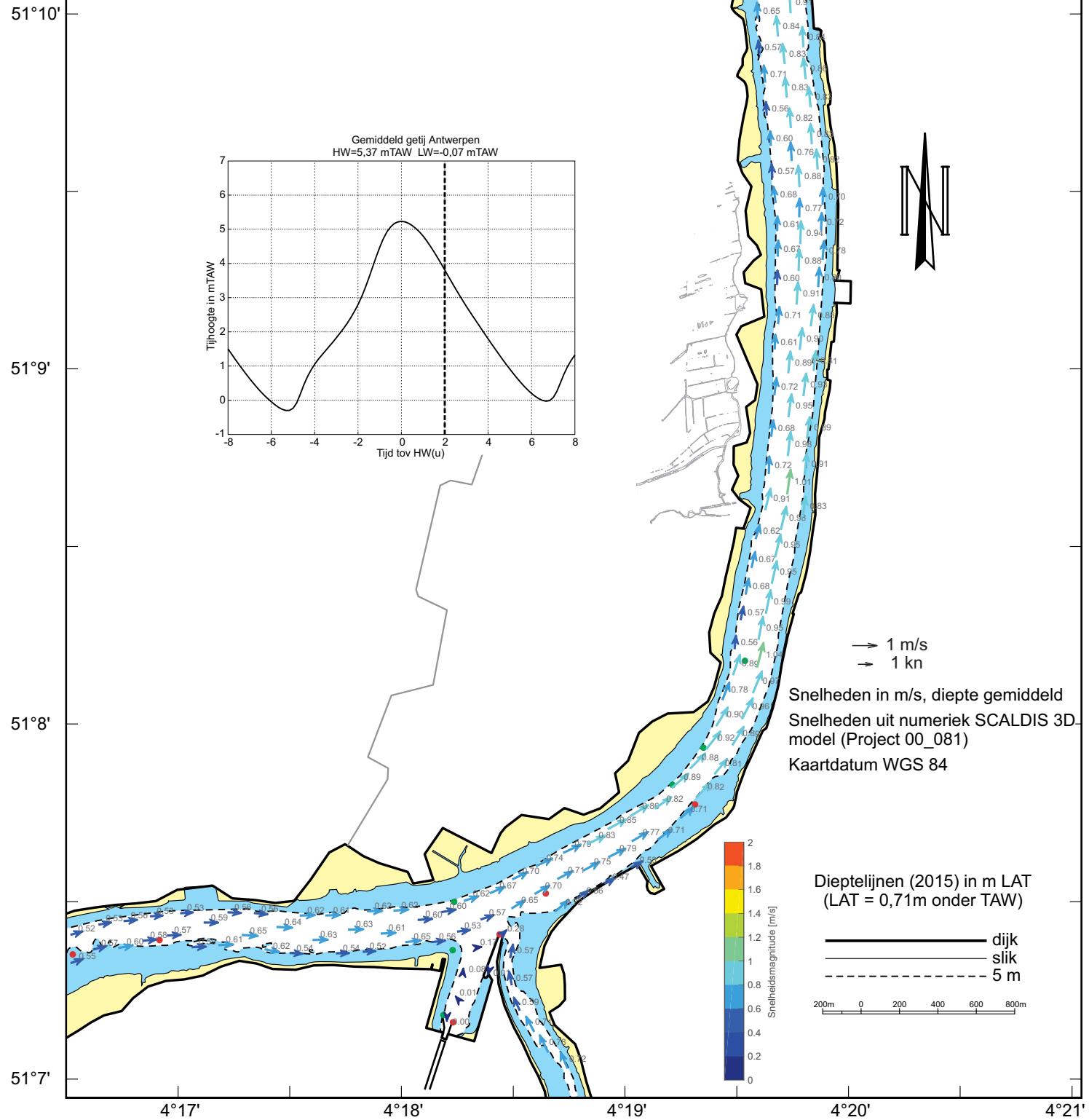


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Gemiddeld getij : 2u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research

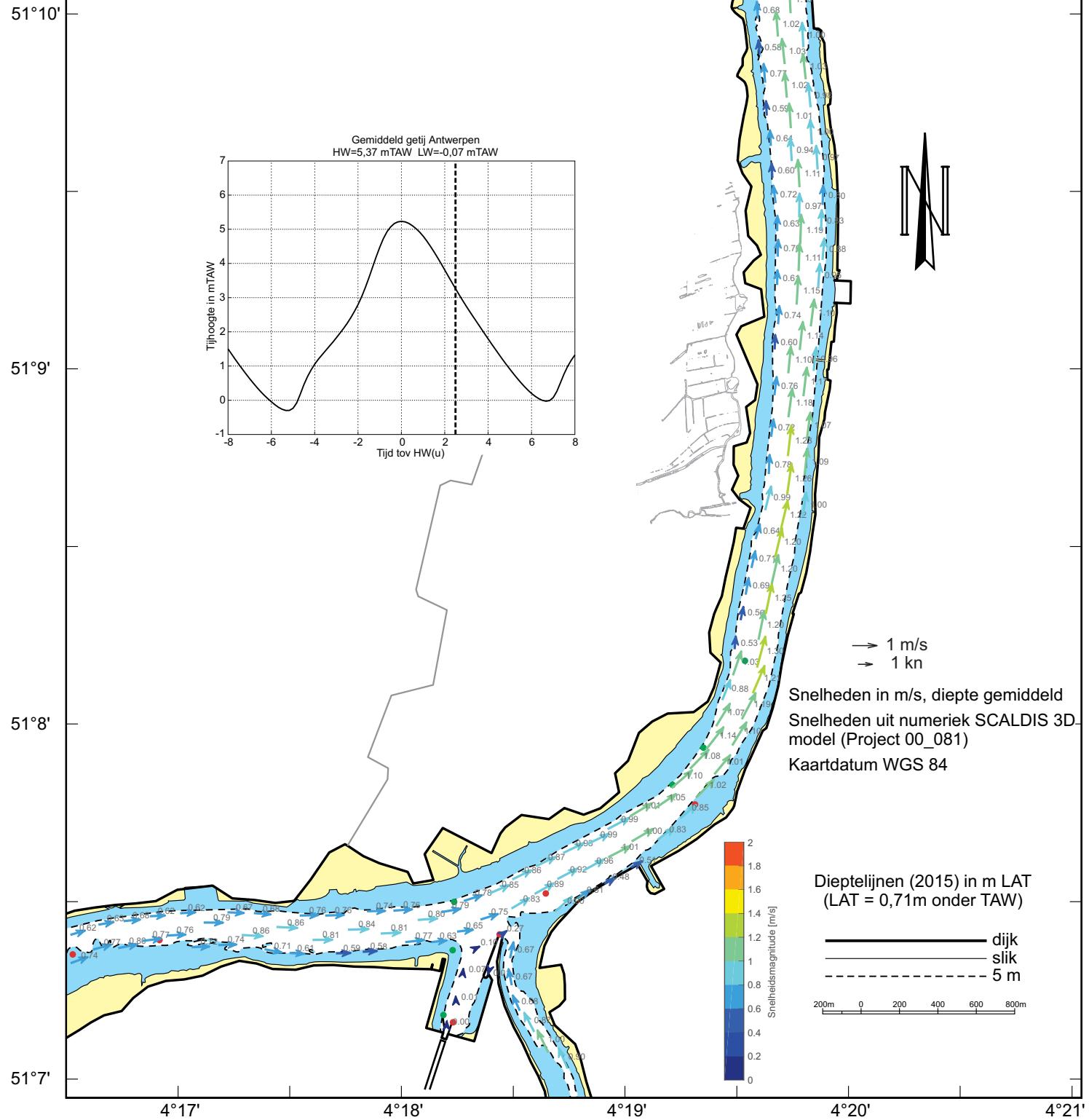


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Hydraulics Research



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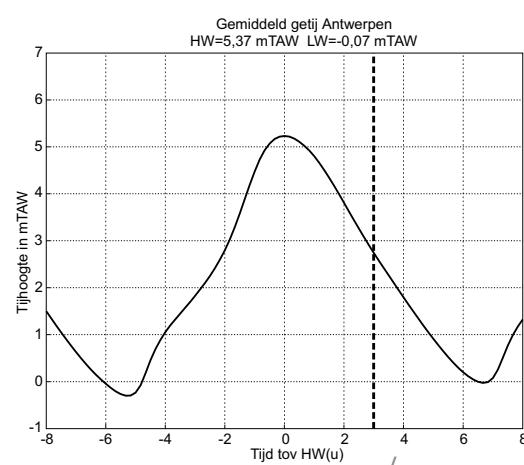
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Hydraulics Research



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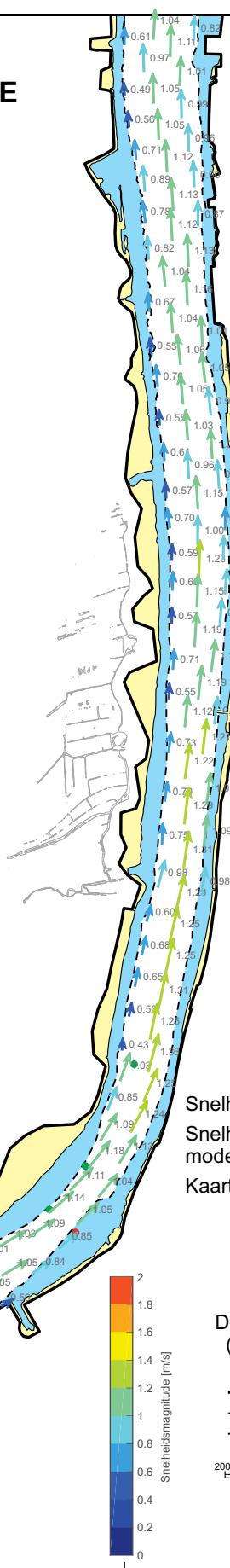
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Snelheden in m/s, diepte gemiddeld  
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Kaartdatum WGS 84

Dieptelijnen (2015) in m LAT  
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dijk  
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5 m

200m 0 200 400 600 800m

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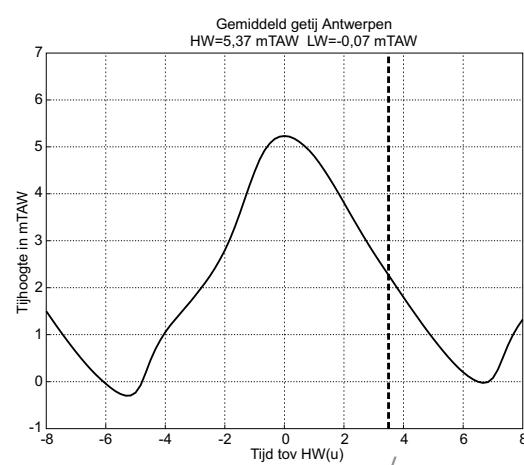
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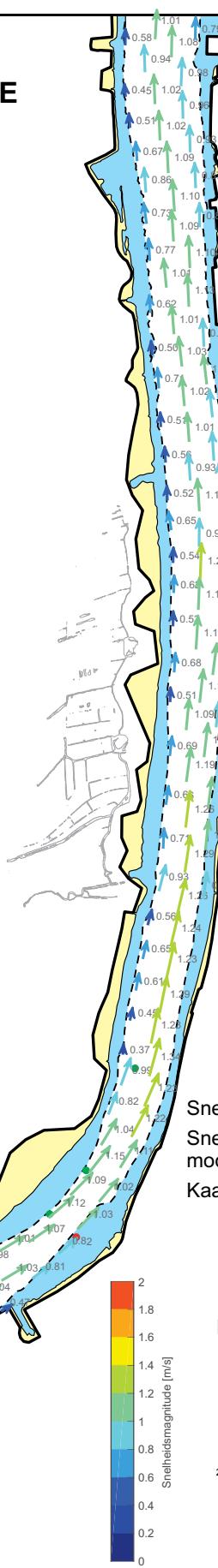
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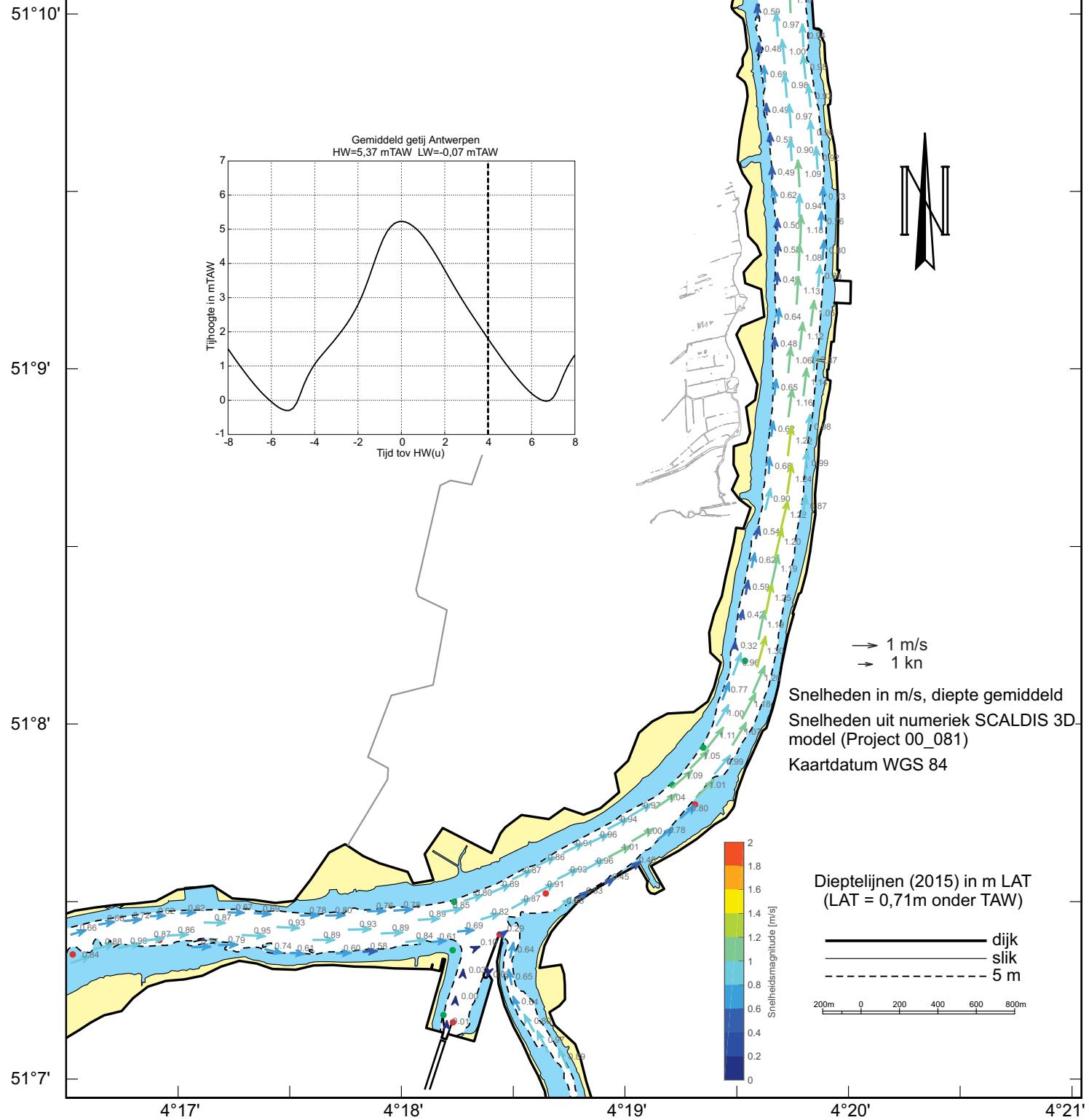
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# STROOMATLAS BENEDEN ZEESCHELDE

vak Monding Hoboken - Rupel

Gemiddeld getij : 4u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

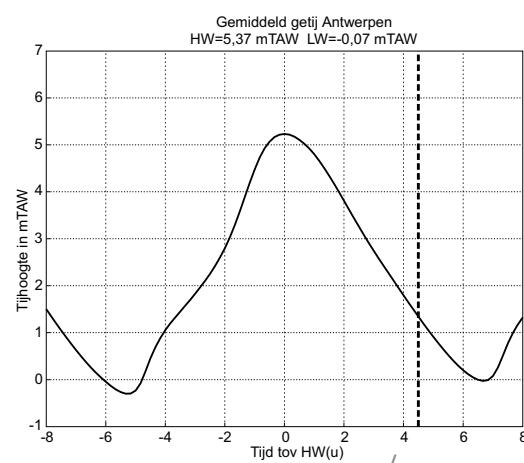
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Gemiddeld getij : 4u30 na HW  
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Hydraulics Research



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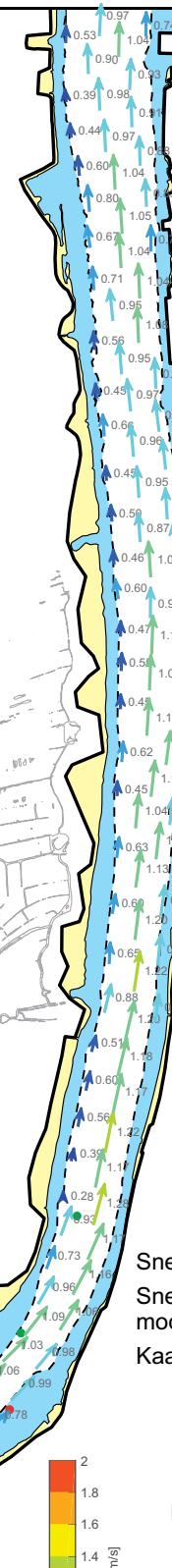
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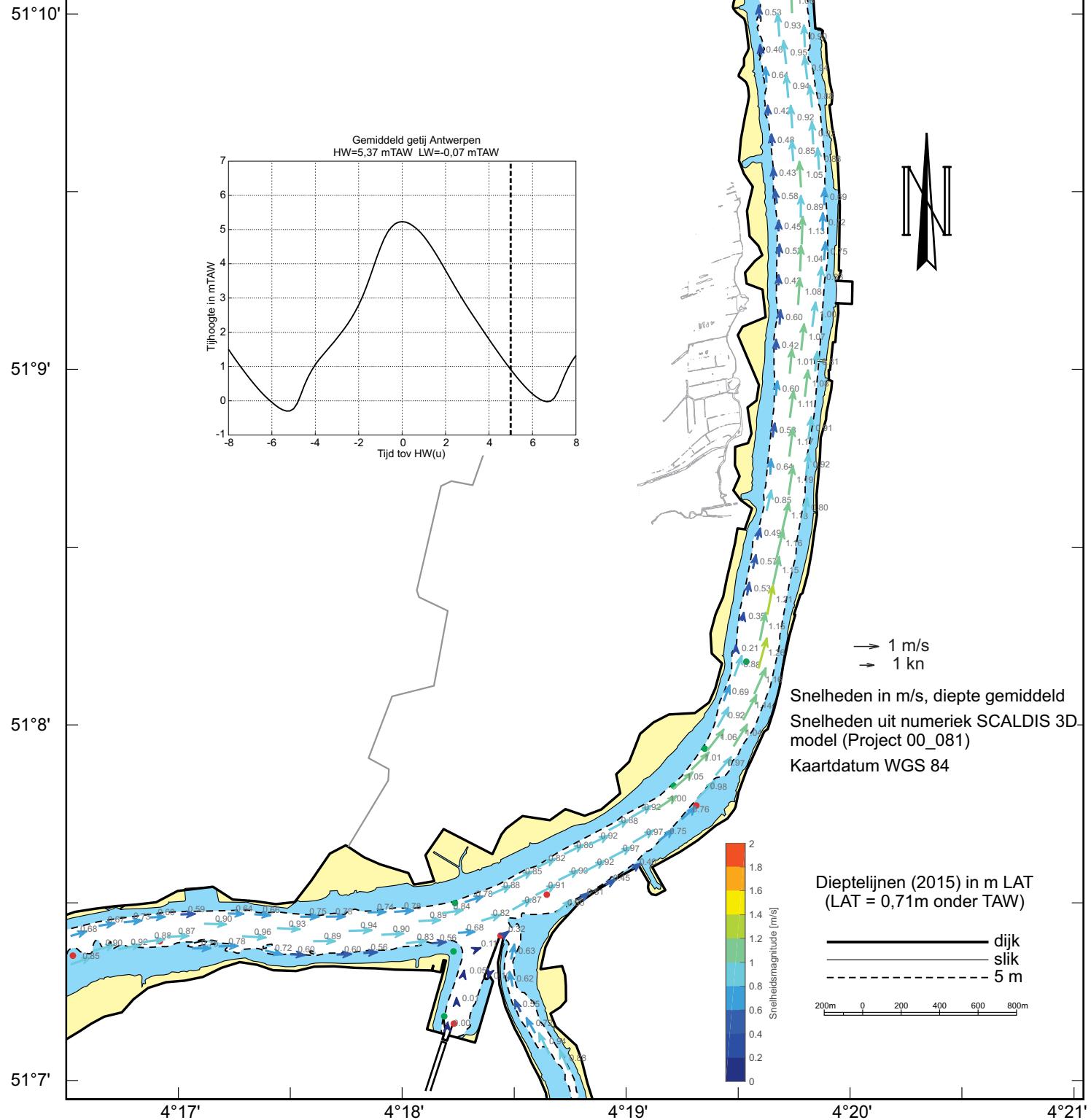
200m 0 200 400 600 800m

# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

**Gemiddeld getij : 5u00 na HW  
te Antwerpen**

Flanders  
Hydraulics Research

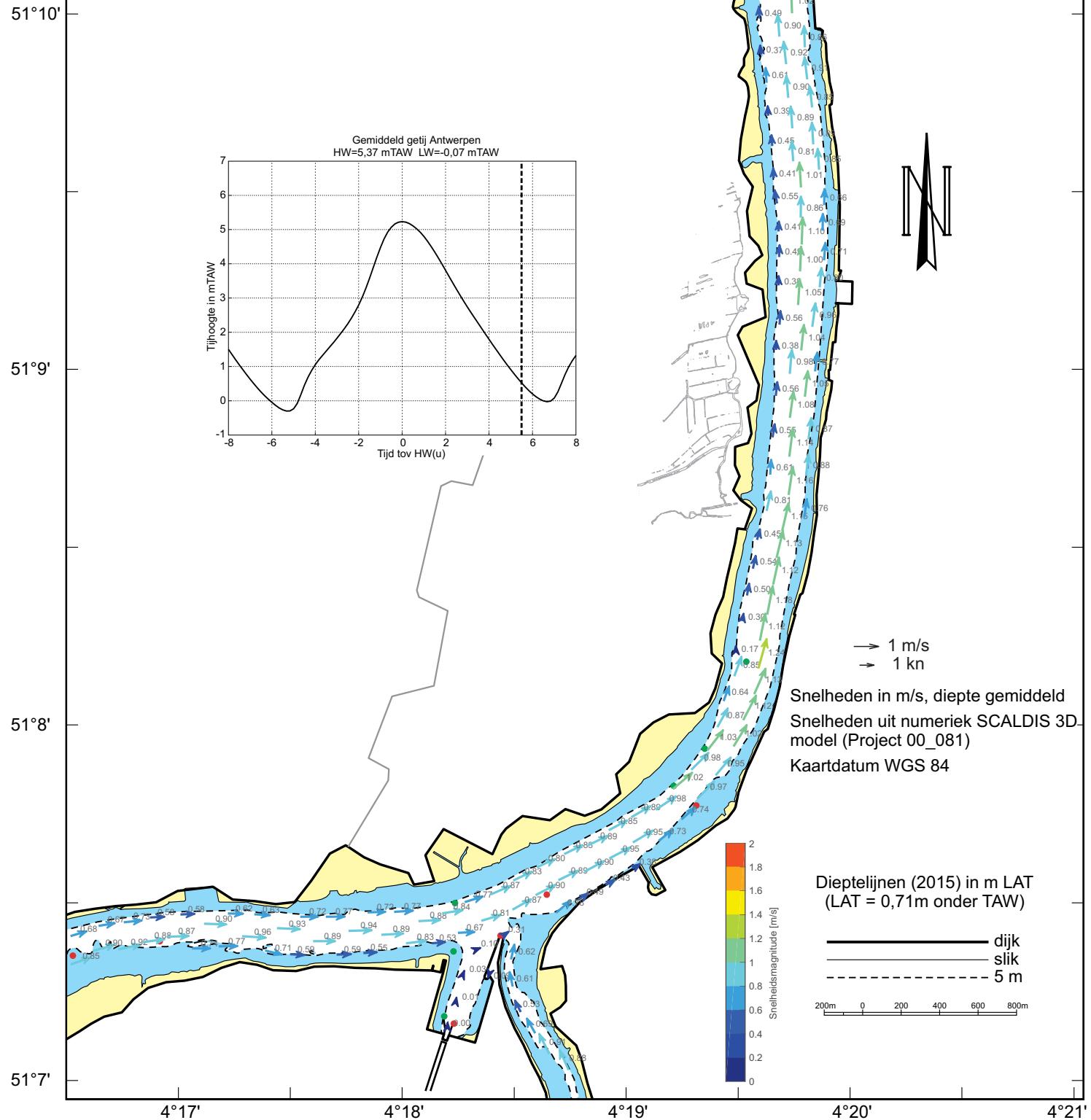


# STROOMATLAS BENEDEN ZEESCHELDE

vak Monding Hoboken - Rupel

Gemiddeld getij : 5u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research

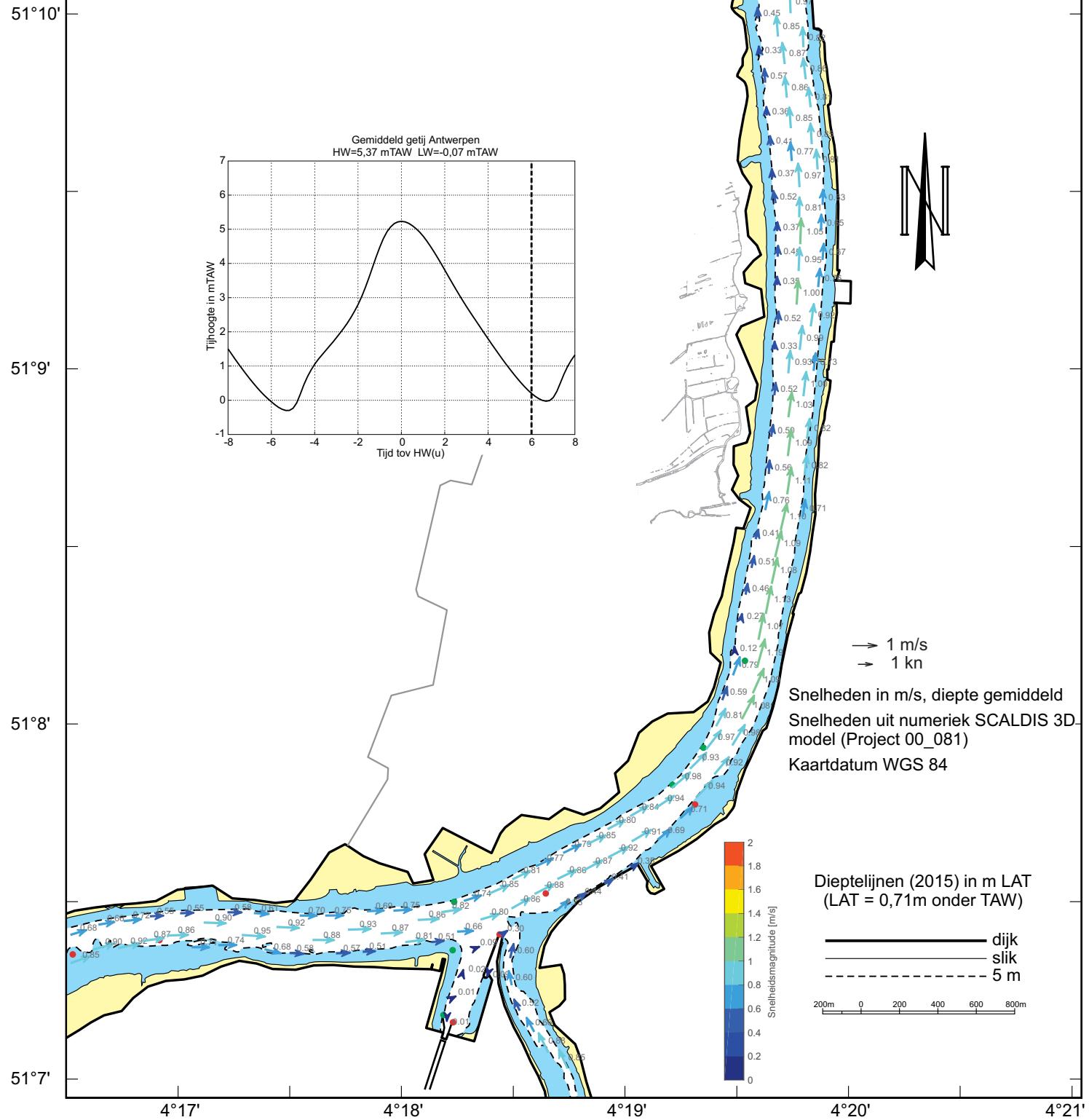


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Gemiddeld getij : 6u00 na HW  
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Flanders  
Hydraulics Research

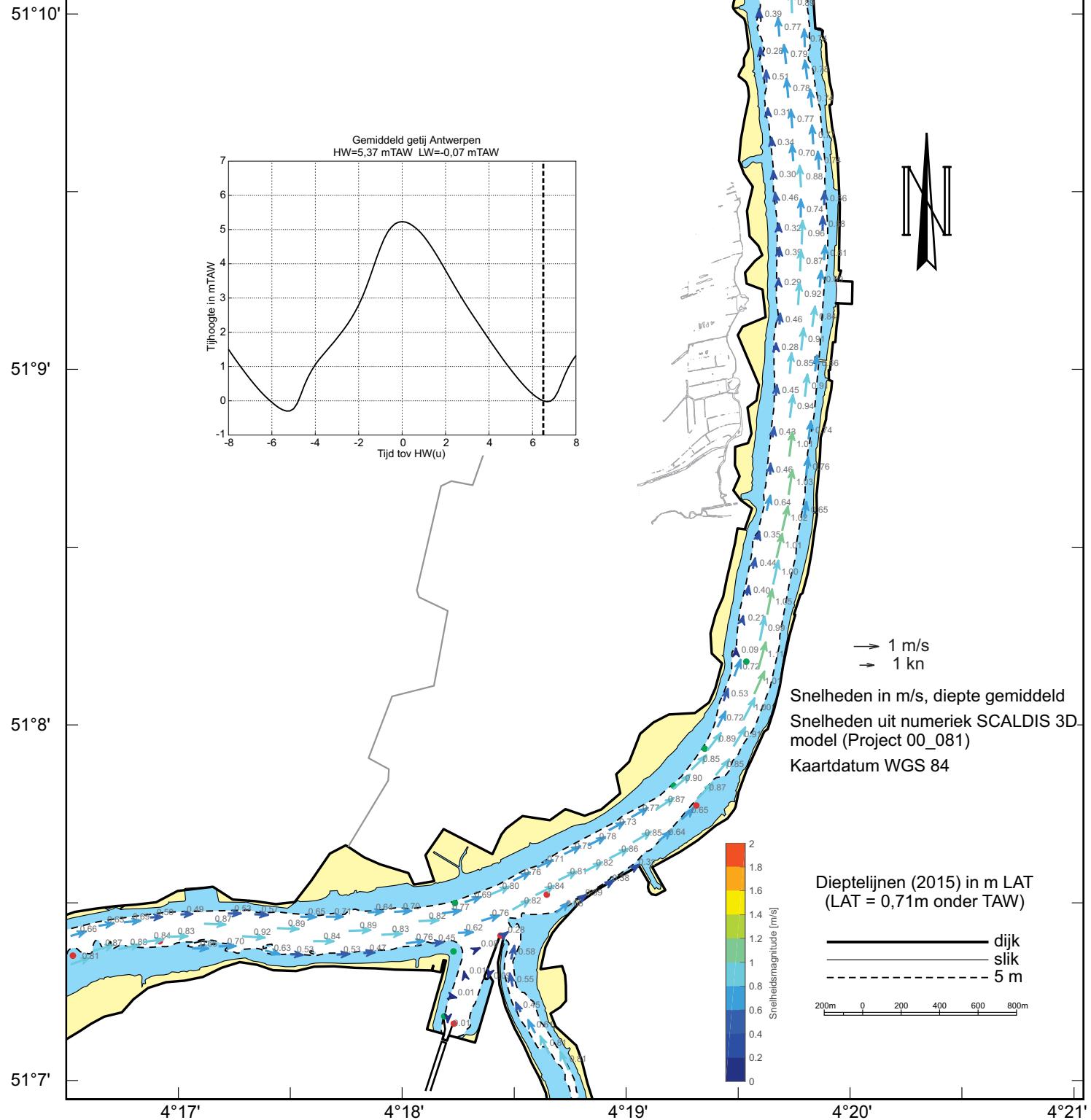


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Flanders  
Hydraulics Research





# **STROOMATLAS BENEDEN ZEESCHELDE**

## vak Hoboken - Monding Rupel

**DOODTIJ**

*Vlaamse overheid  
Departement Mobiliteit en Openbare Werken  
Waterbouwkundig Laboratorium*

# STROOMATLAS BENEDEN ZEESCHELDE

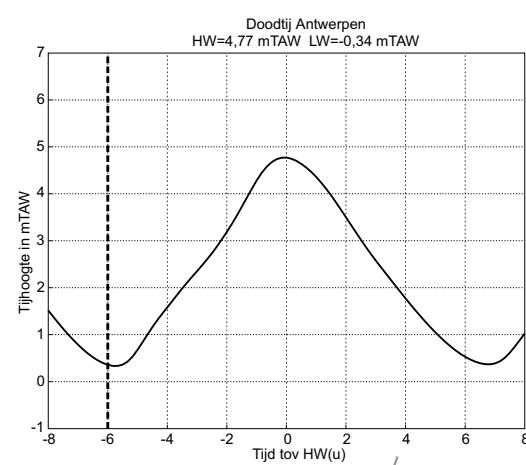
## vak Monding Hoboken - Rupel

Doodtij : 6u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



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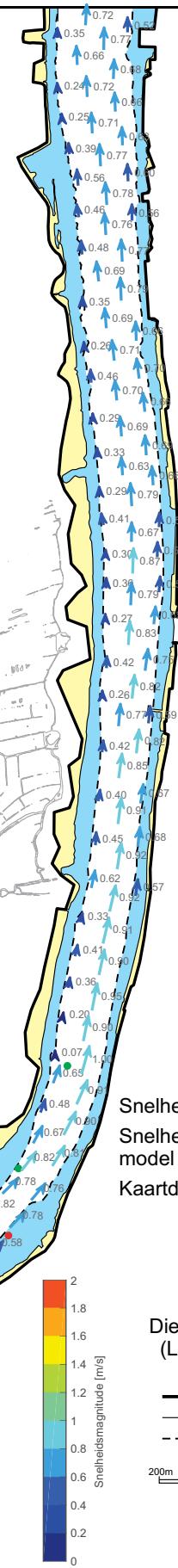
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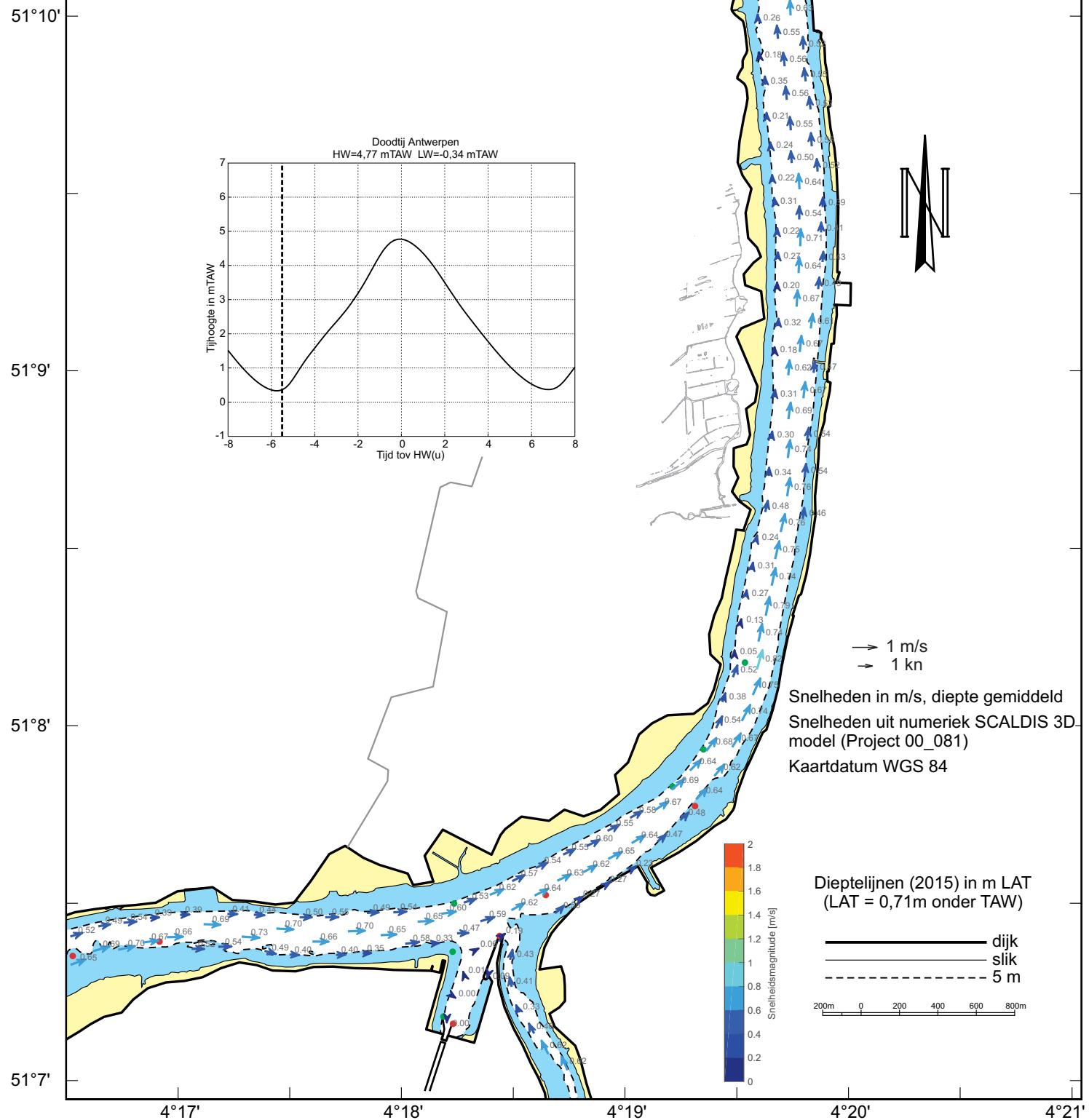
200m 0 200 400 600 800m

# STROOMATLAS BENEDEN ZEESCHELDE

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Doodtij : 5u30 voor HW  
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Flanders  
Hydraulics Research

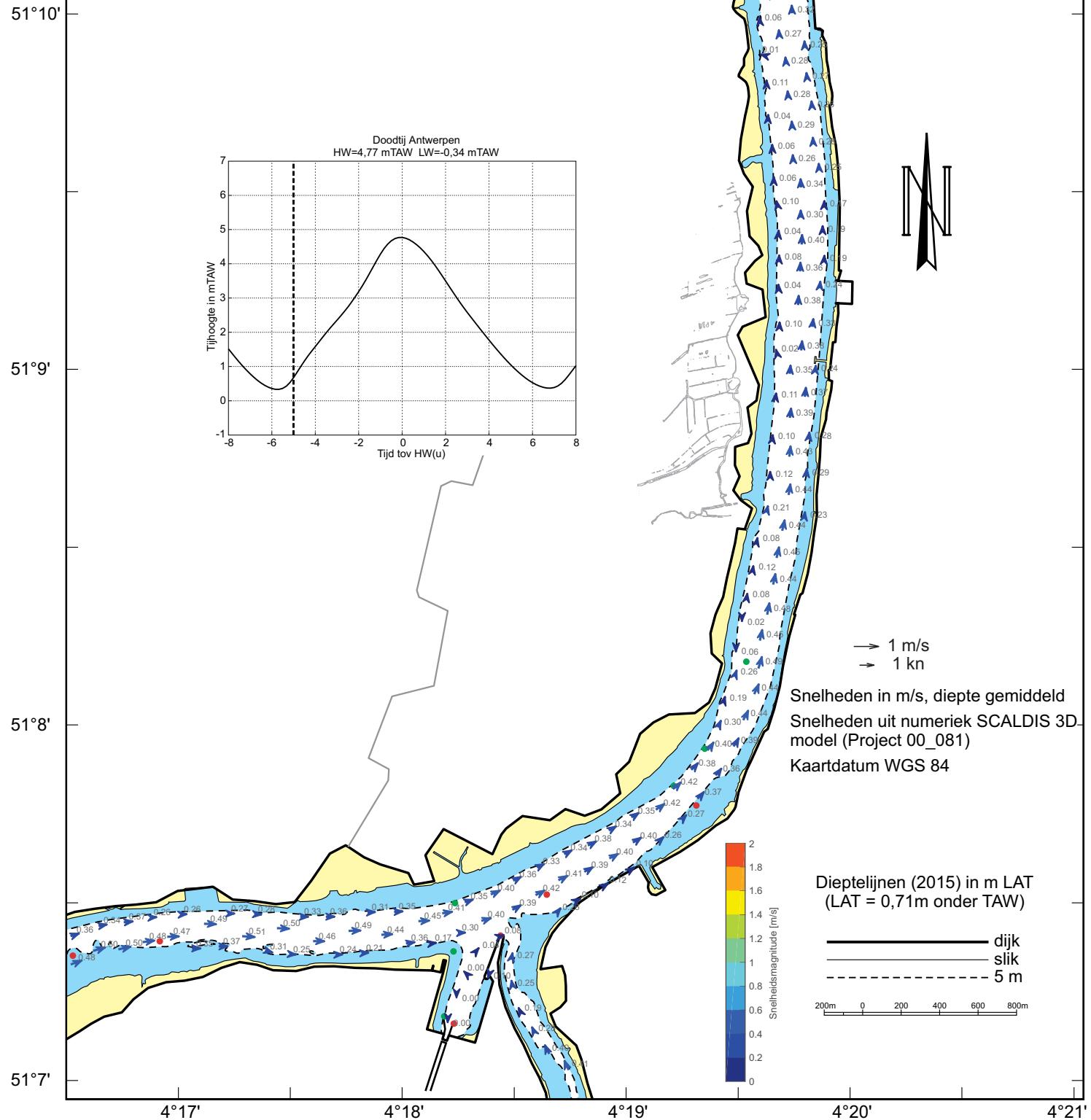


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Doodtij : 5u00 voor HW  
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Flanders  
Hydraulics Research



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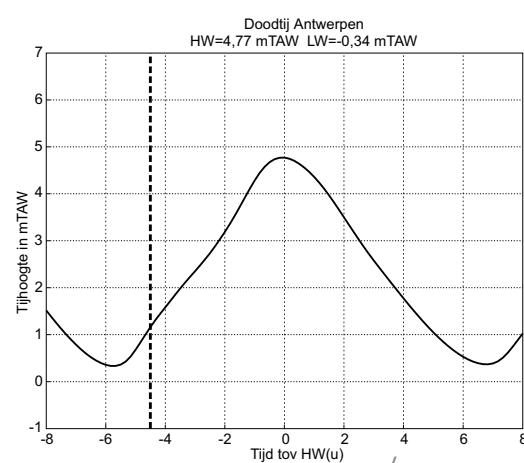
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Hydraulics Research



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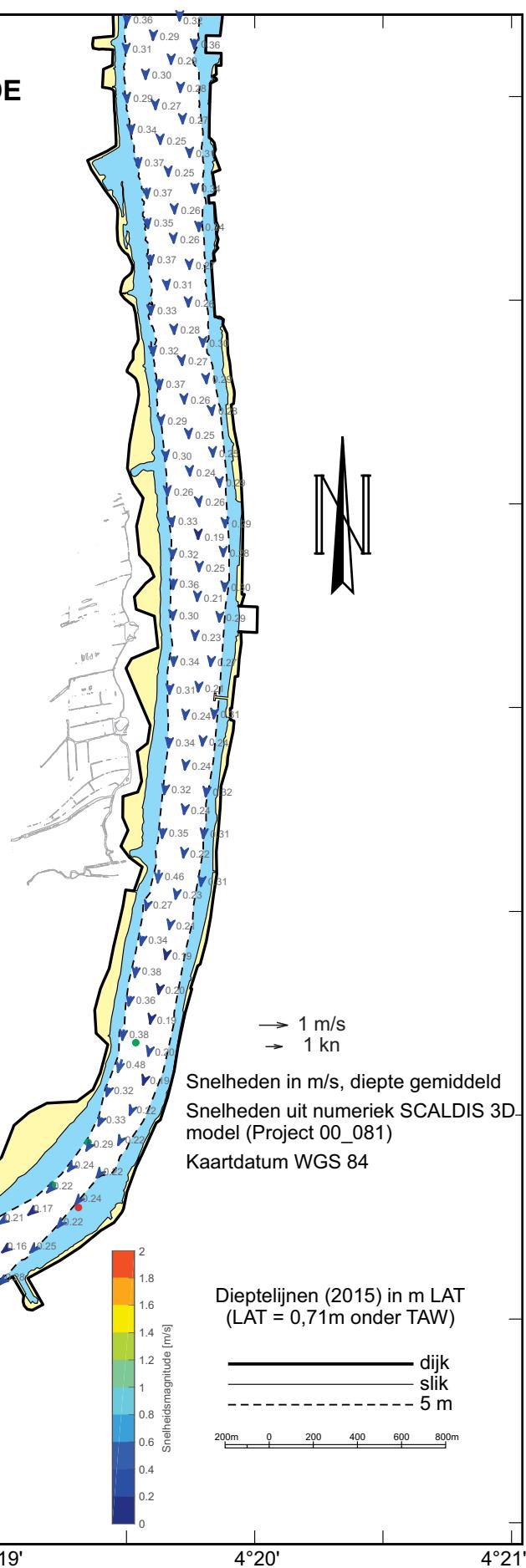
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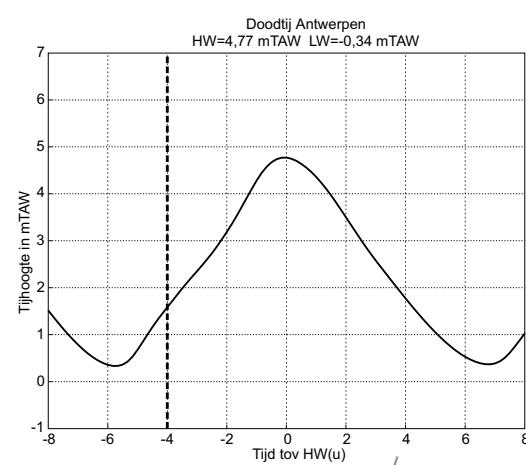
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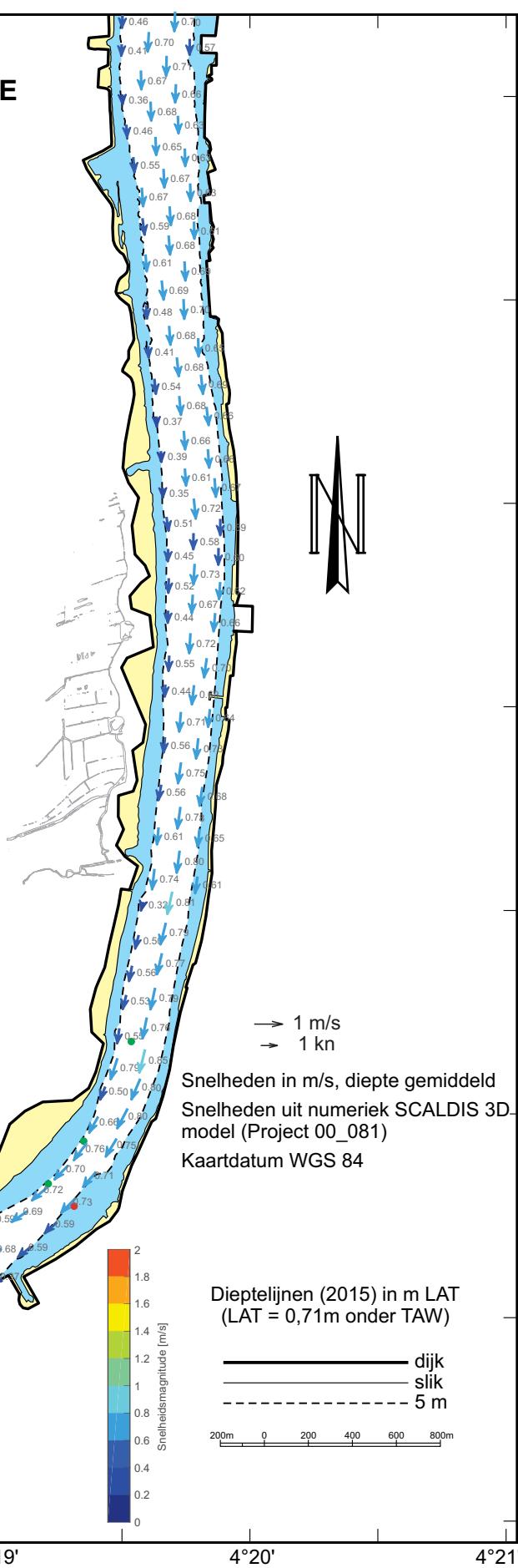
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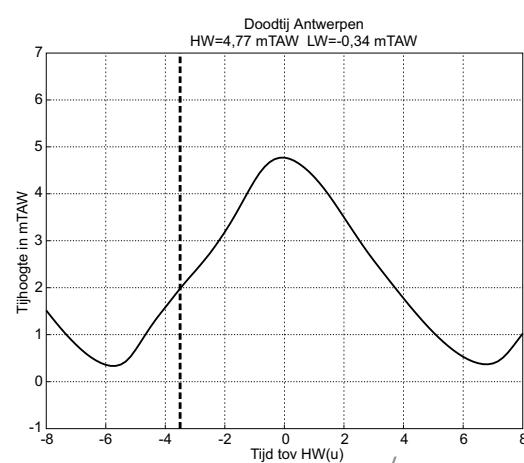
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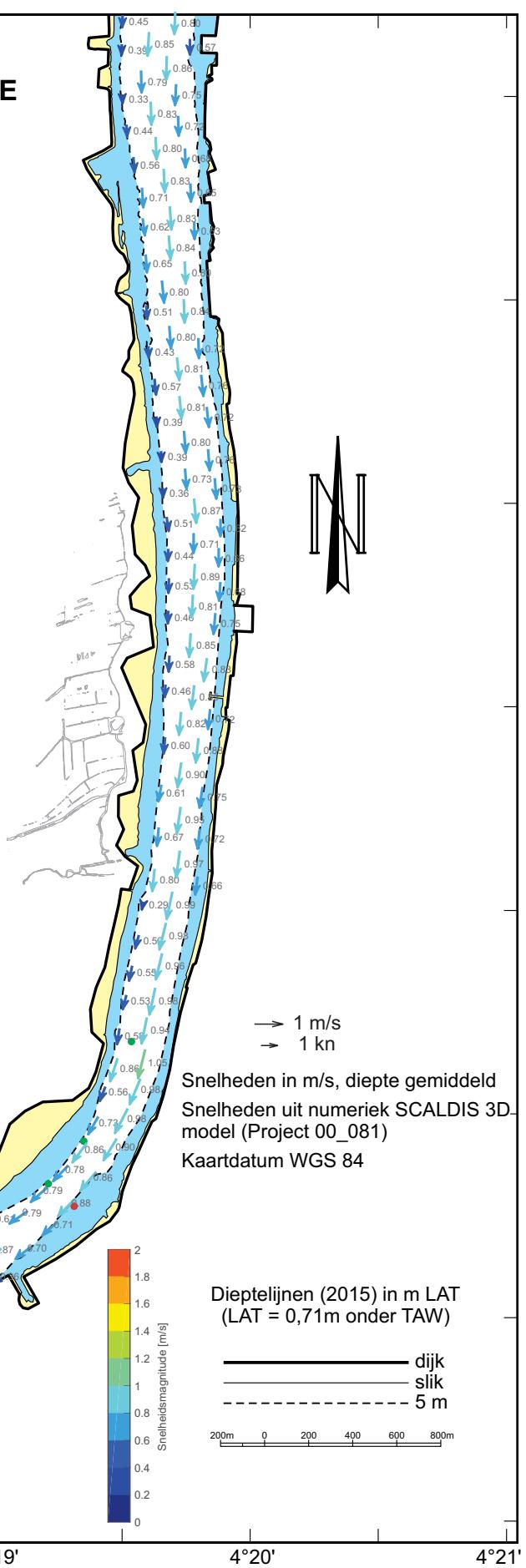
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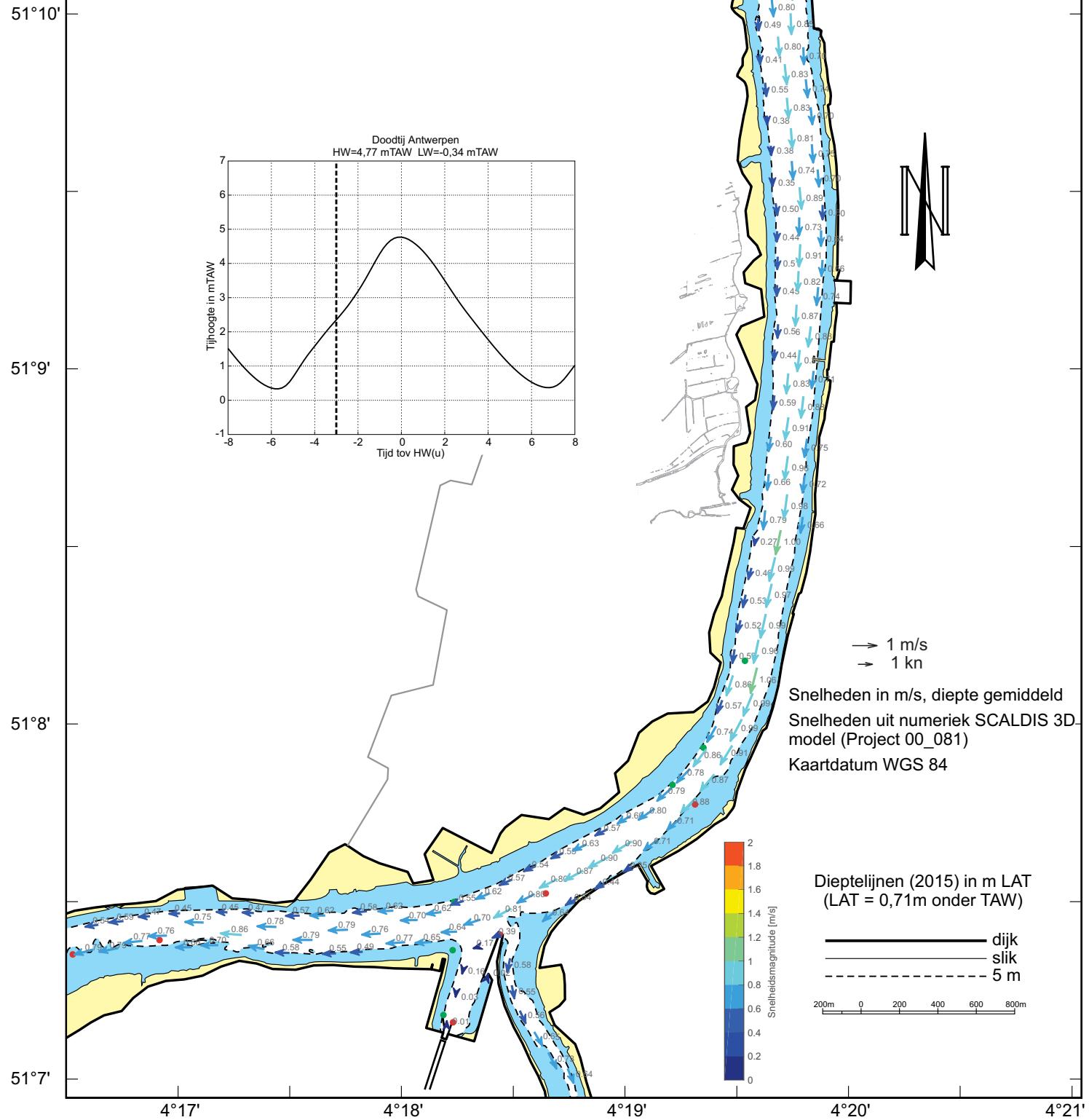


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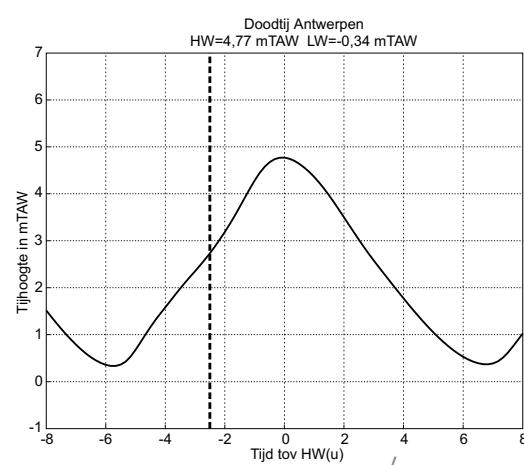
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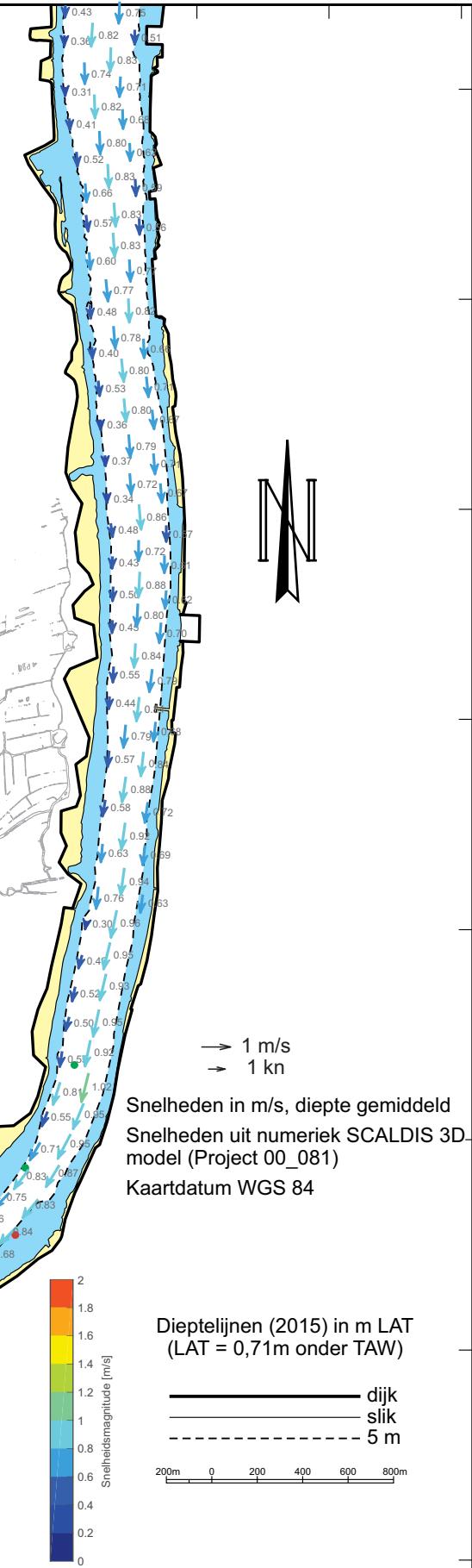
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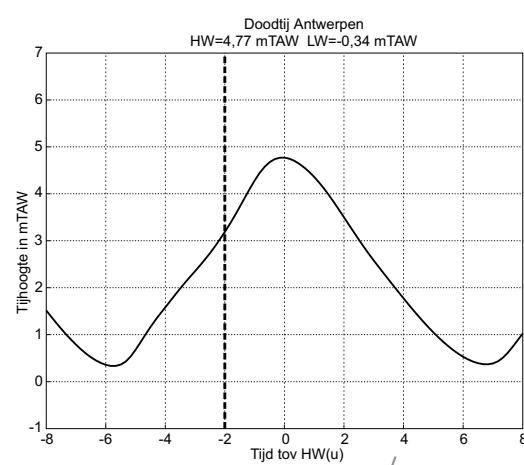
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Doodtij : 2u00 voor HW  
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Flanders  
Hydraulics Research



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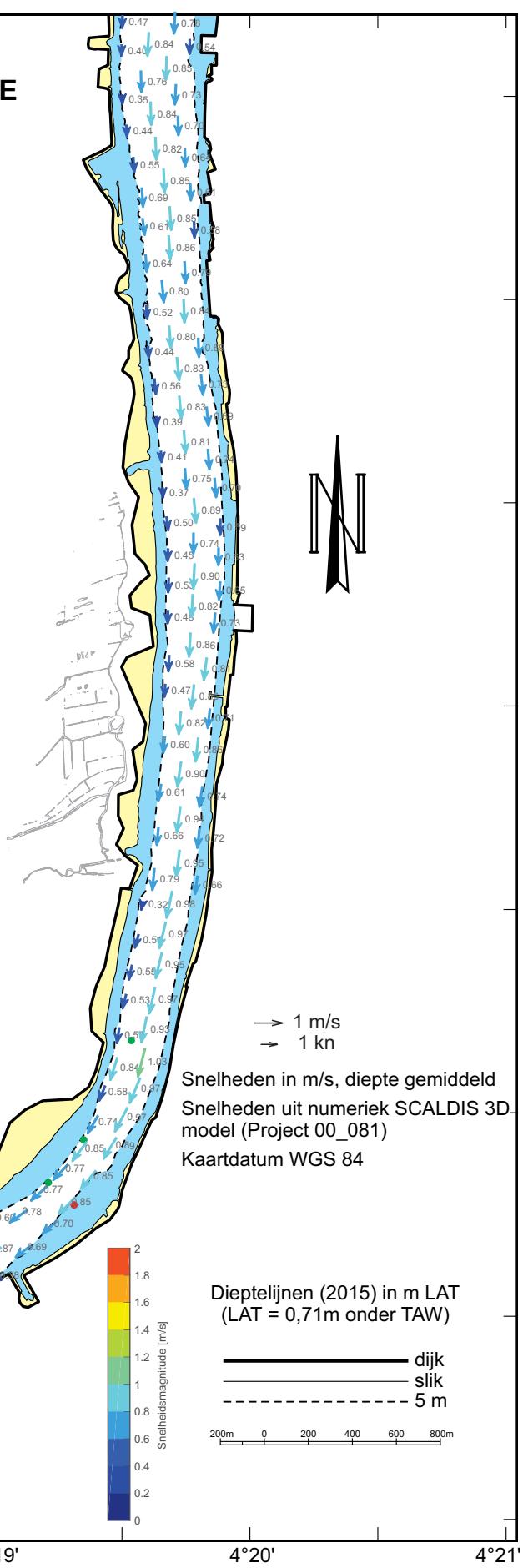
4°17'

4°18'

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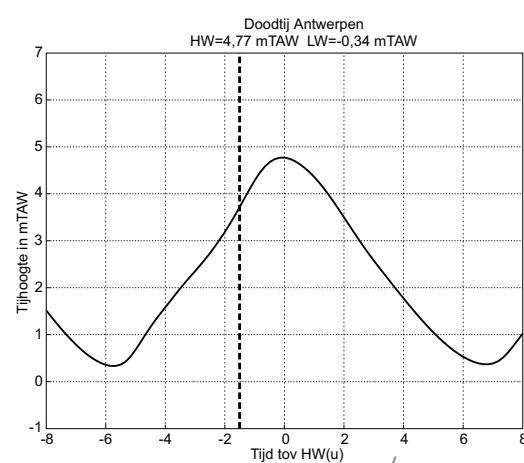
## vak Monding Hoboken - Rupel

Doodtij : 1u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

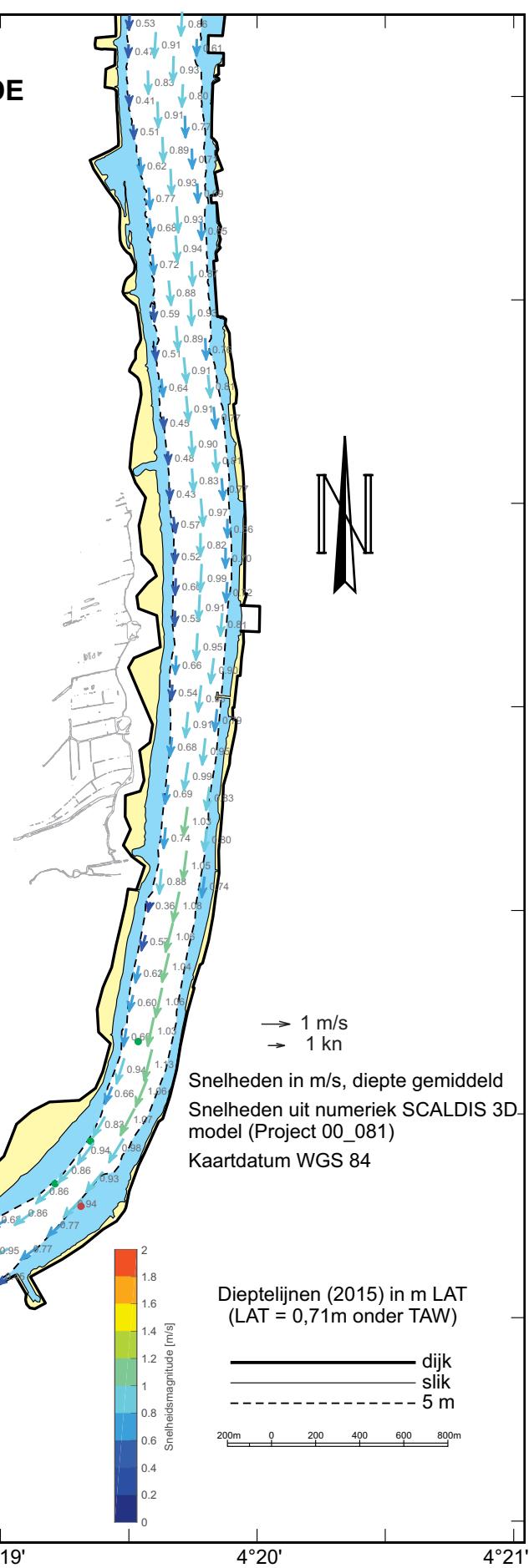
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4°20'

4°21'

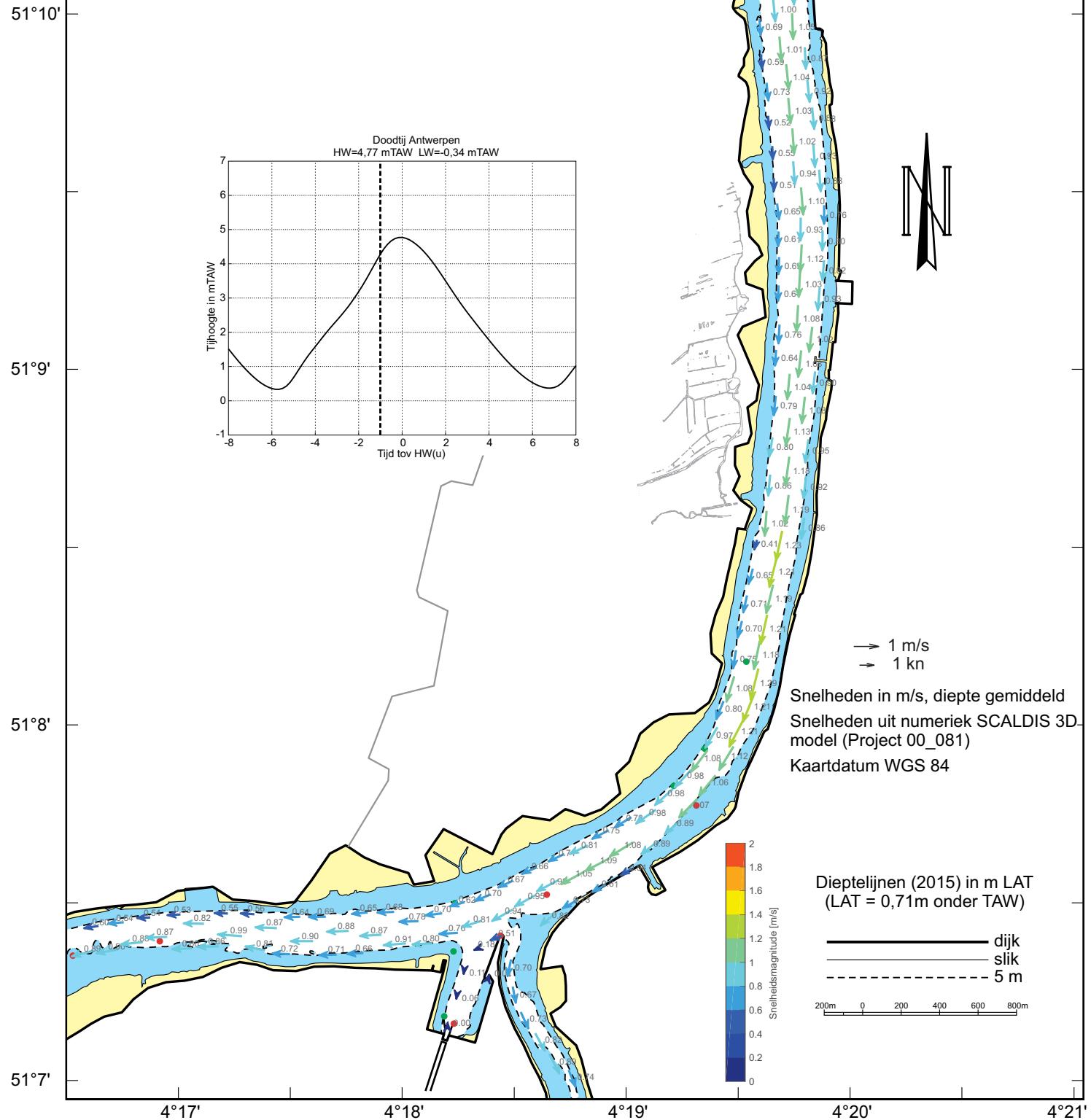


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Doodtij : 1u00 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

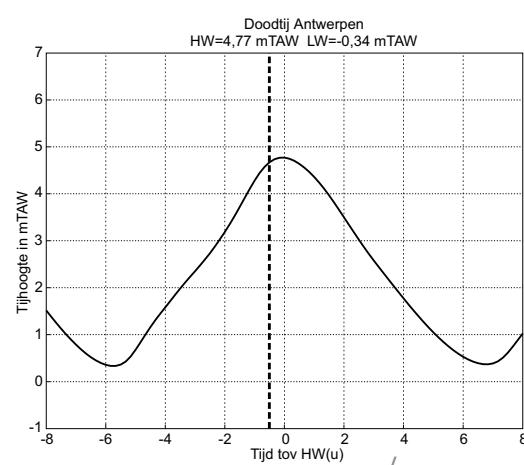
vak Monding Hoboken - Rupel

Doodtij : 0u30 voor HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

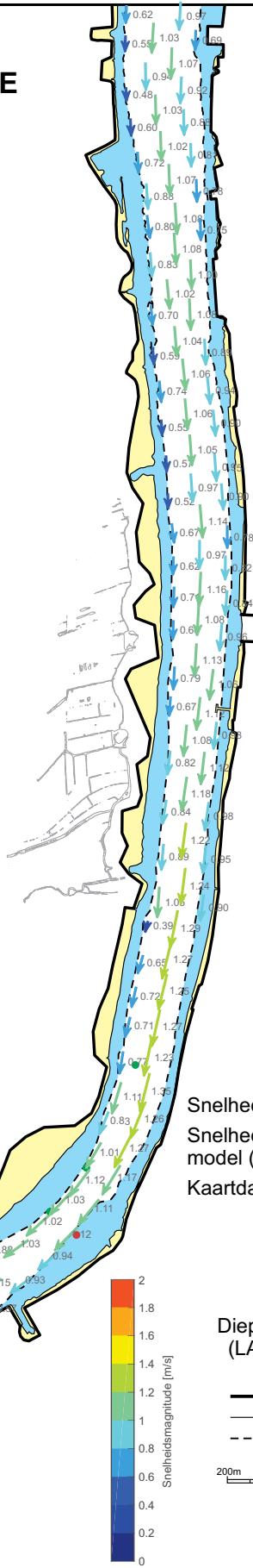
4°17'

4°18'

4°19'

4°20'

4°21'



→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D-  
model (Project 00\_081)  
Kaartdatum WGS 84

Dieptelijnen (2015) in m LAT  
(LAT = 0,71m onder TAW)

dijk  
slik  
5 m

200m 0 200 400 600 800m

# STROOMATLAS BENEDEN ZEESCHELDE

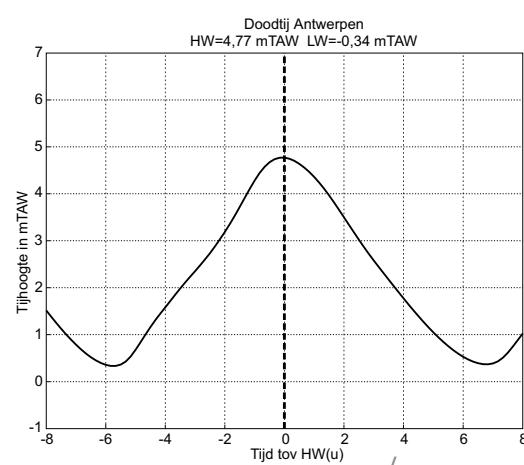
## vak Monding Hoboken - Rupel

Doodtij : HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

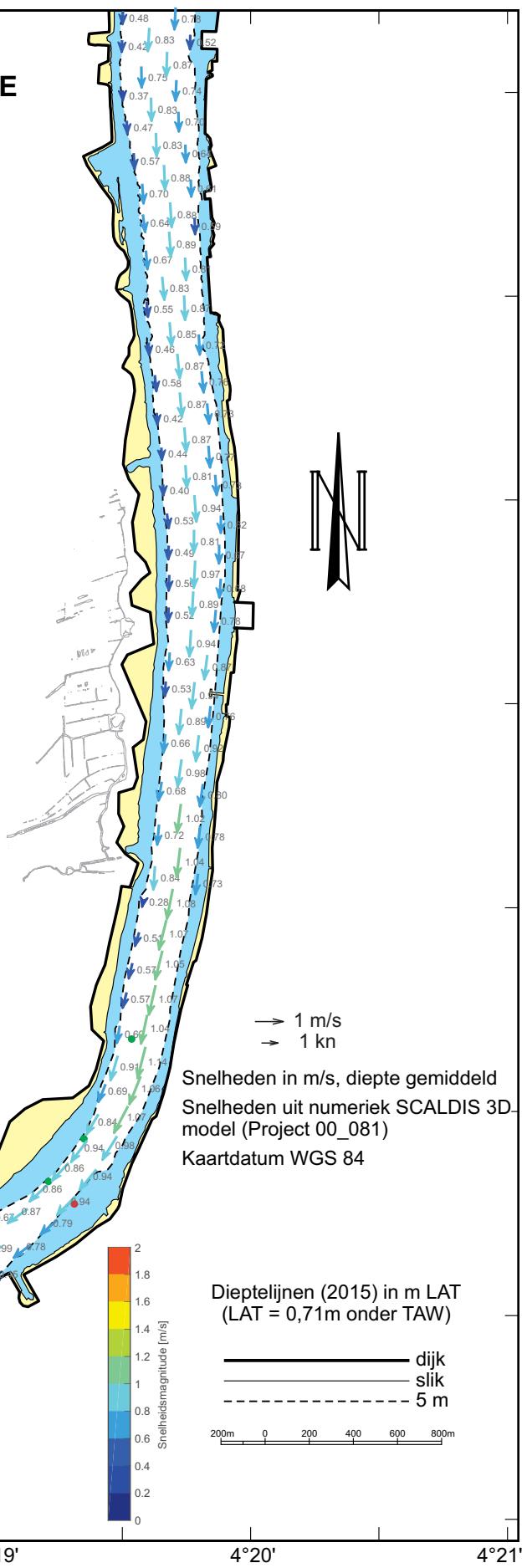
4°17'

4°18'

4°19'

4°20'

4°21'



# STROOMATLAS BENEDEN ZEESCHELDE

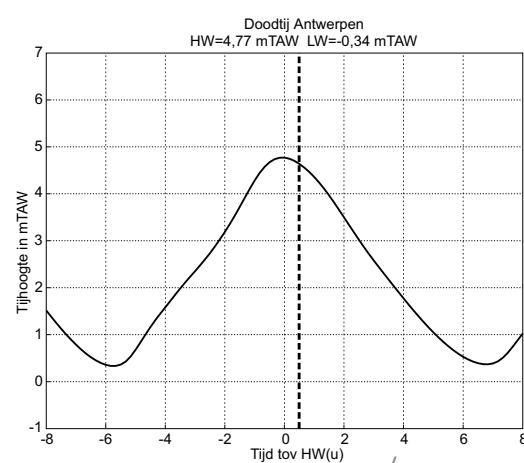
## vak Monding Hoboken - Rupel

Doodtij : 0u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

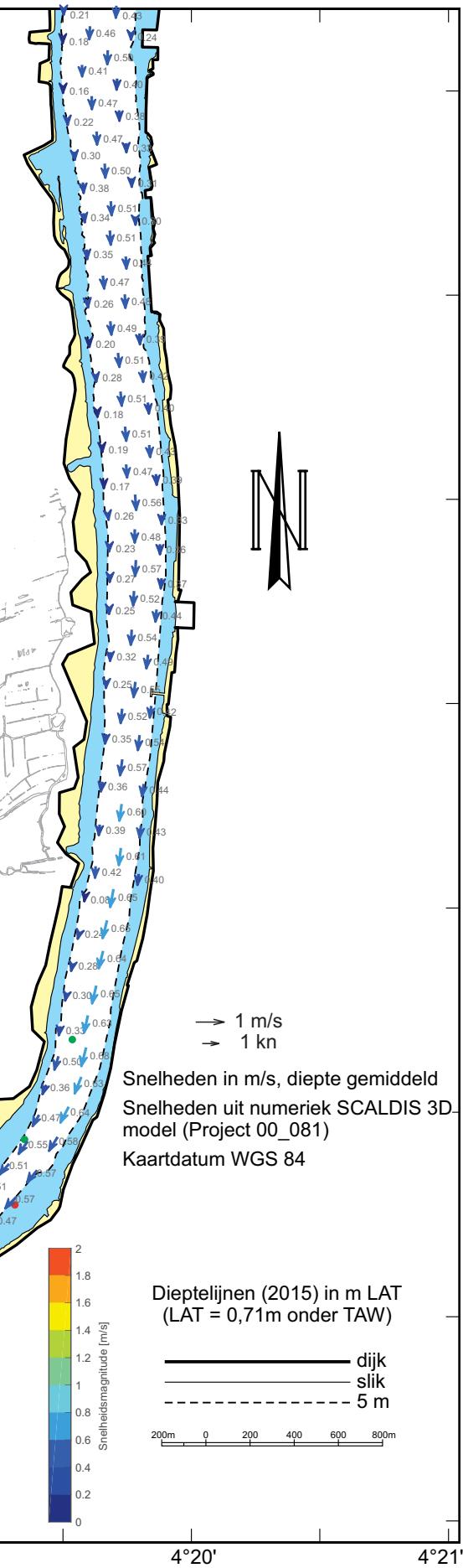
4°17'

4°18'

4°19'

4°20'

4°21'

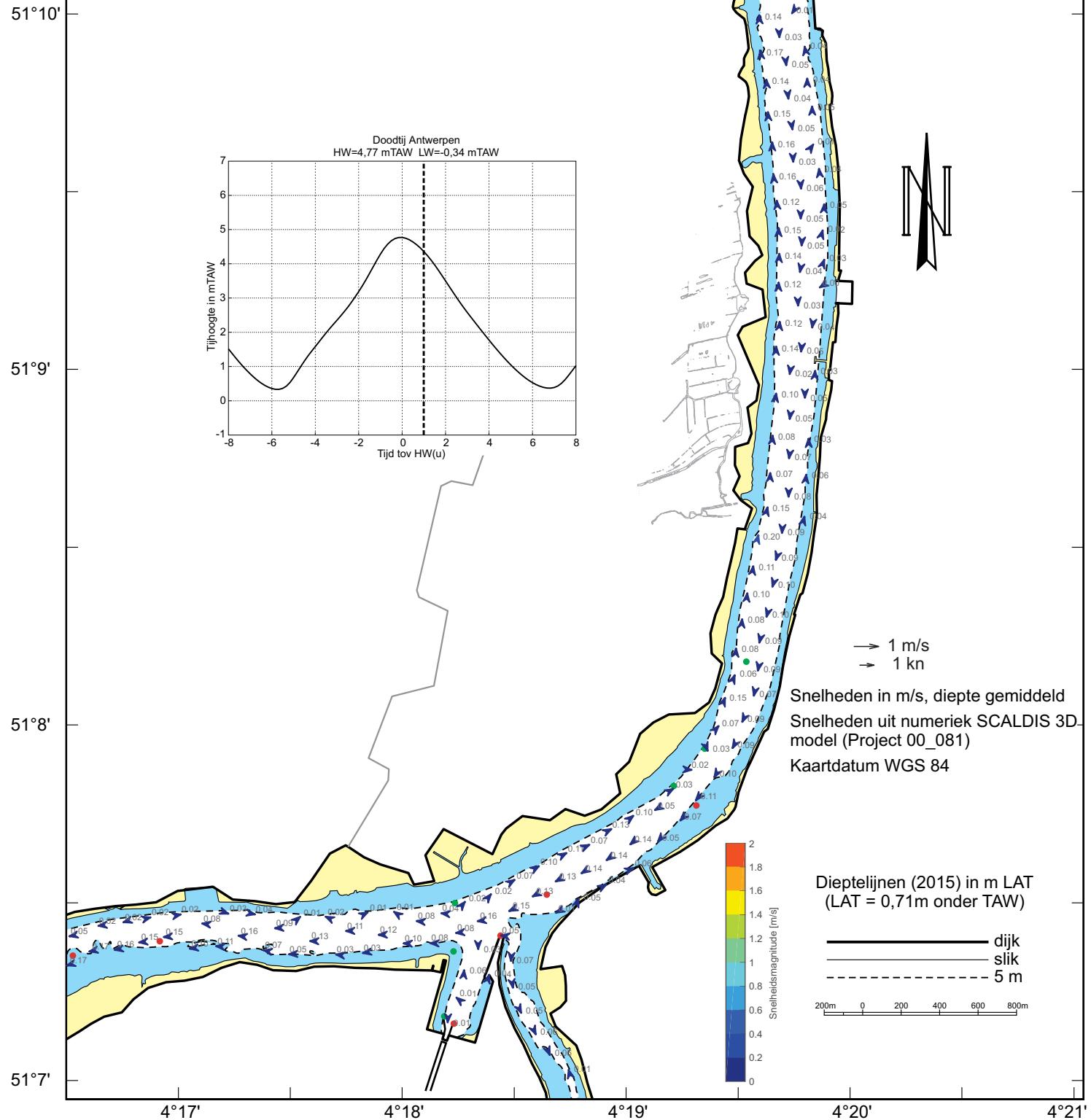


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Doodtij : 1u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

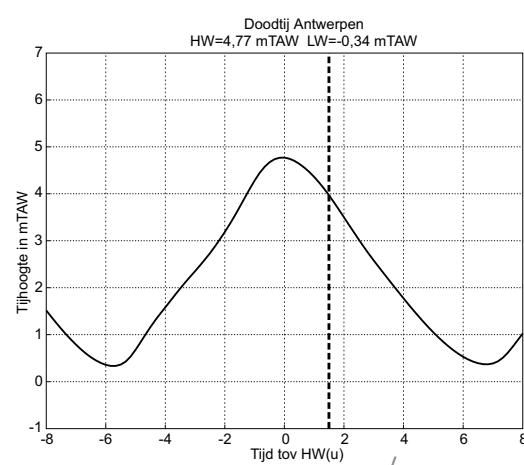
vak Monding Hoboken - Rupel

Doodtij : 1u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

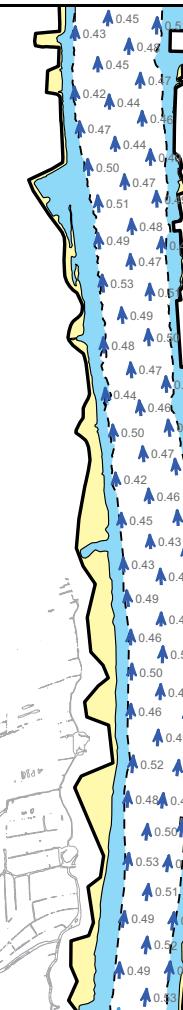
4°17'

4°18'

4°19'

4°20'

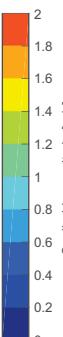
4°21'



→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D-  
model (Project 00\_081)  
Kaartdatum WGS 84

Dieptelijnen (2015) in m LAT  
(LAT = 0,71m onder TAW)



dijk  
slik  
5 m

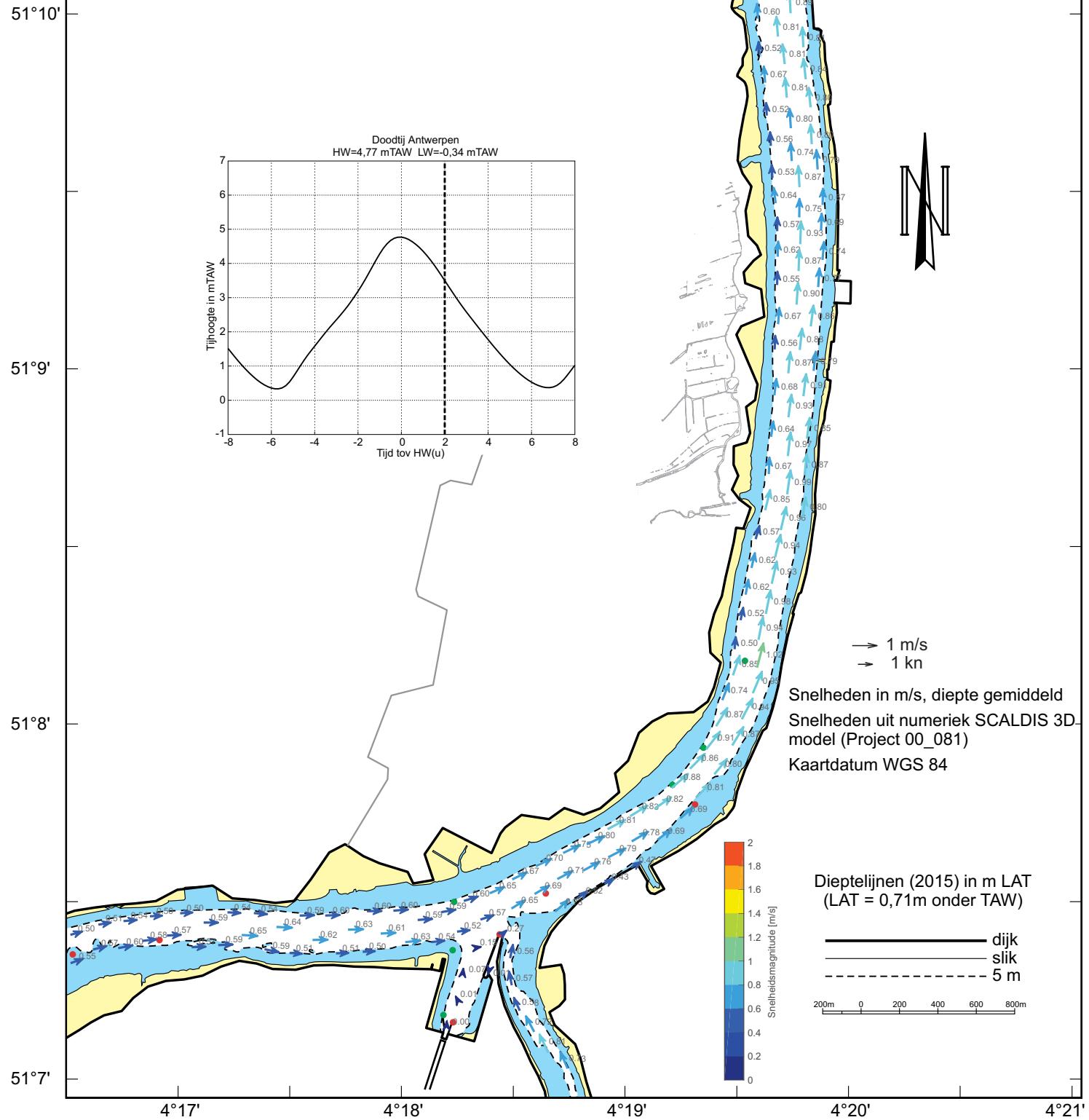
200m 0 200 400 600 800m

# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Doodtij : 2u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

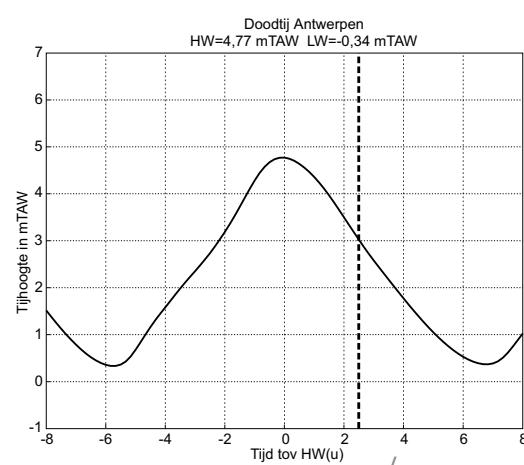
## vak Monding Hoboken - Rupel

Doodtij : 2u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

4°17'

4°18'

4°19'

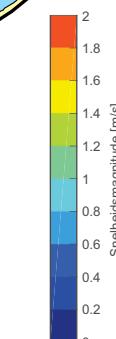
4°20'

4°21'

Dieptelijnen (2015) in m LAT  
(LAT = 0,71m onder TAW)

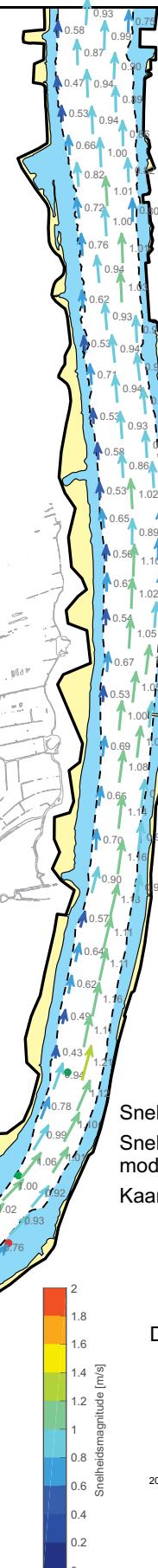
dijk  
slik  
5 m

200m 0 200 400 600 800m



→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D-  
model (Project 00\_081)  
Kaartdatum WGS 84

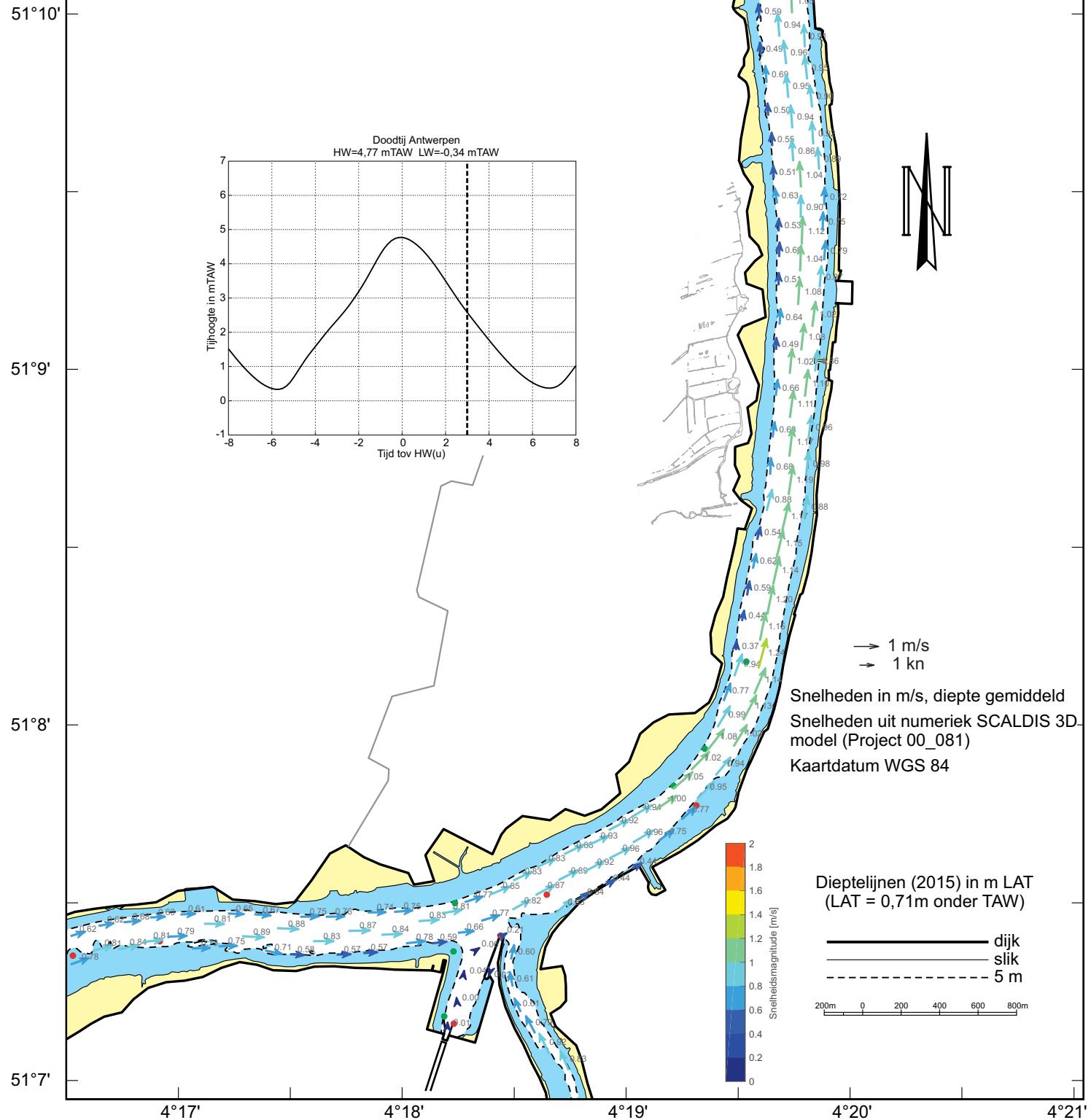


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Doodtij : 3u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

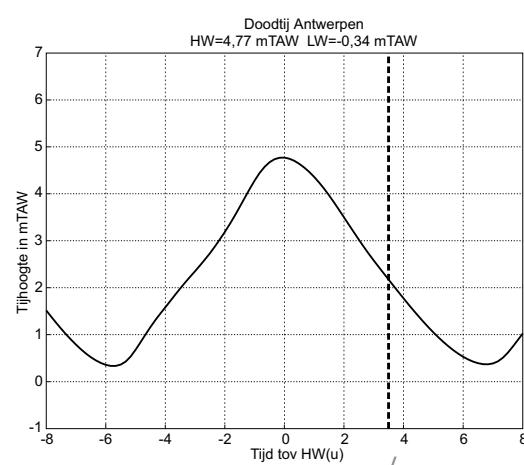
## vak Monding Hoboken - Rupel

Doodtij : 3u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

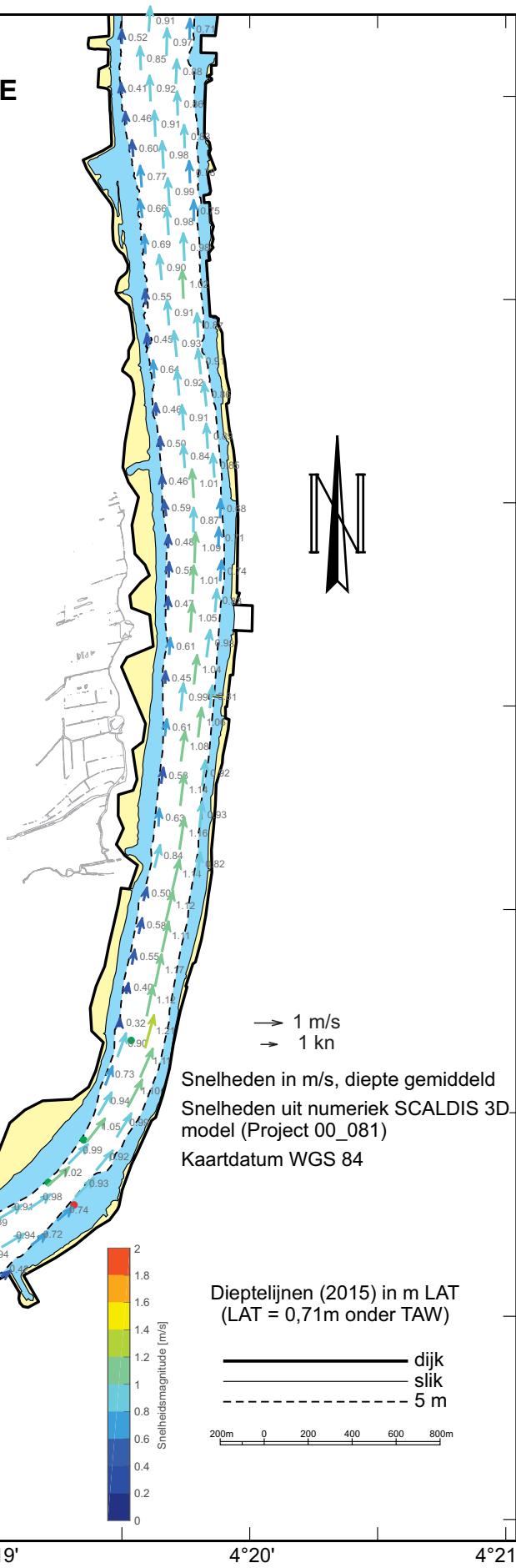
4°17'

4°18'

4°19'

4°20'

4°21'



# STROOMATLAS BENEDEN ZEESCHELDE

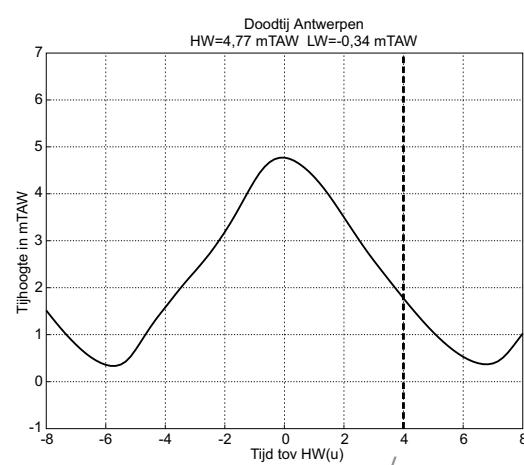
## vak Monding Hoboken - Rupel

Doodtij : 4u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

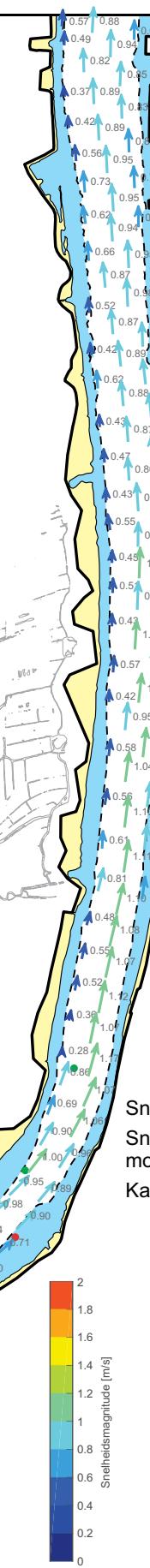
4°17'

4°18'

4°19'

4°20'

4°21'



→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D-  
model (Project 00\_081)  
Kaartdatum WGS 84

Dieptelijnen (2015) in m LAT  
(LAT = 0,71m onder TAW)

dijk  
slik  
5 m

200m 0 200 400 600 800m

# STROOMATLAS BENEDEN ZEESCHELDE

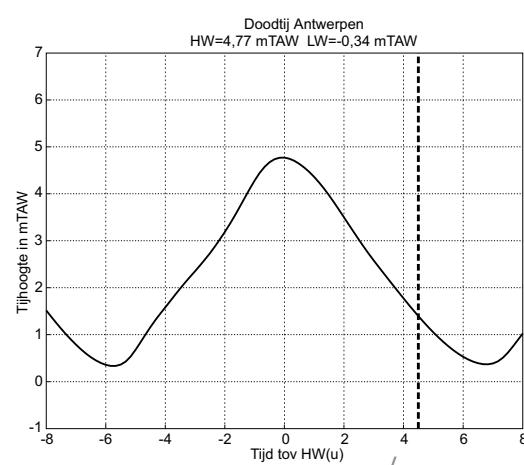
## vak Monding Hoboken - Rupel

Doodtij : 4u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

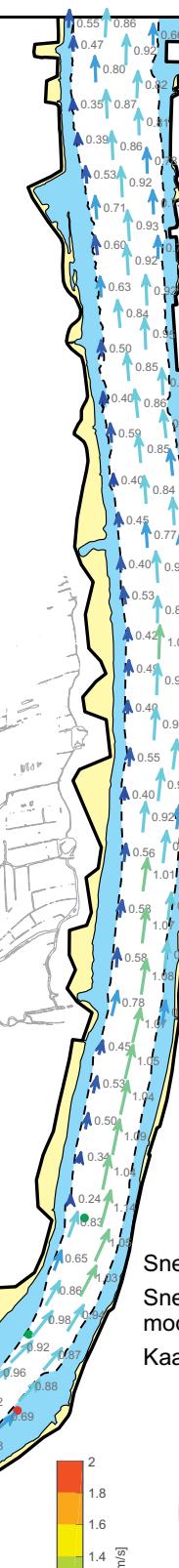
4°17'

4°18'

4°19'

4°20'

4°21'



→ 1 m/s  
→ 1 kn

Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D-  
model (Project 00\_081)  
Kaartdatum WGS 84

Dieptelijnen (2015) in m LAT  
(LAT = 0,71m onder TAW)

dijk  
slik  
5 m

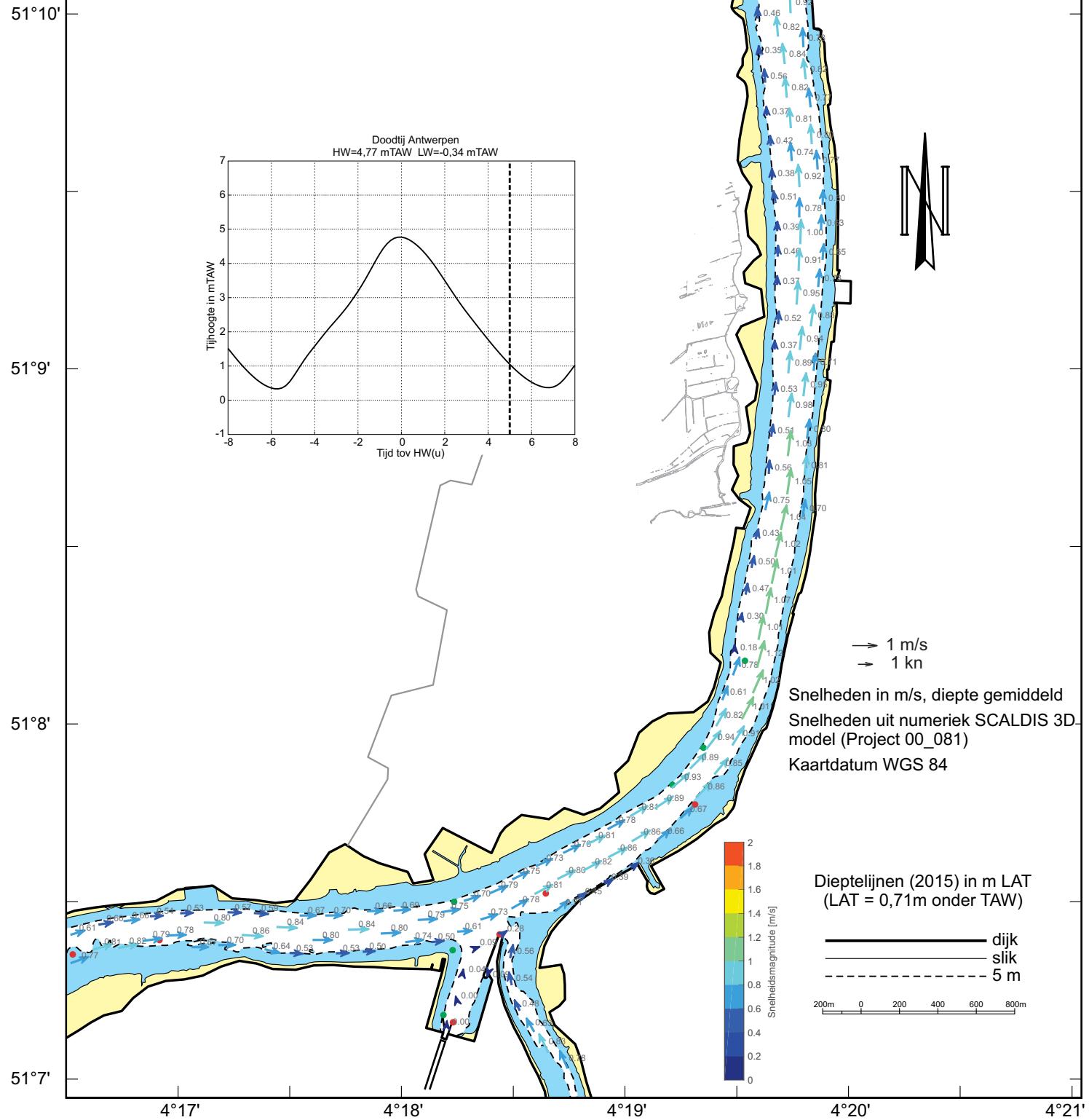
200m 0 200 400 600 800m

# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Doodtij : 5u00 na HW  
te Antwerpen

Flanders  
Hydraulics Research



# STROOMATLAS BENEDEN ZEESCHELDE

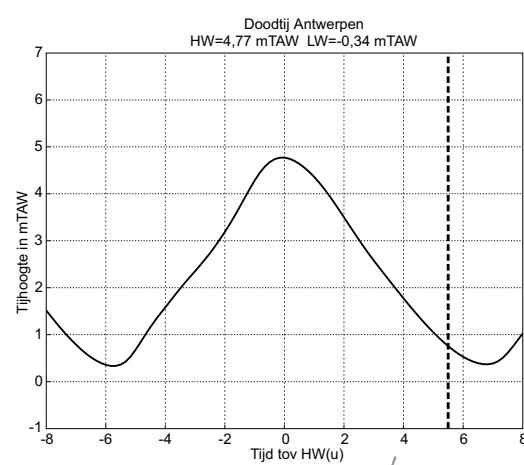
vak Monding Hoboken - Rupel

Doodtij : 5u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research



51°10'



51°9'

51°8'

51°7'

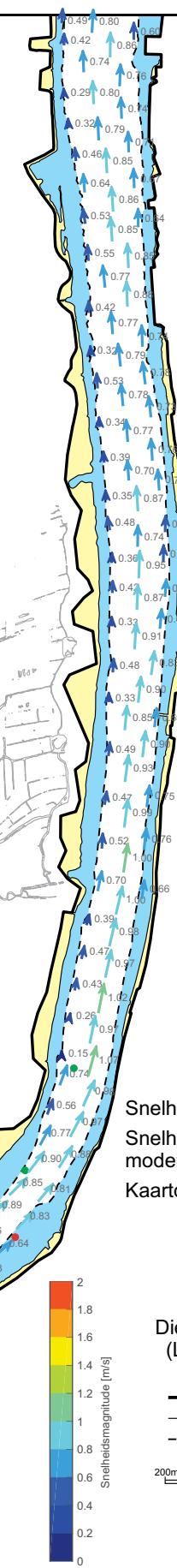
4°17'

4°18'

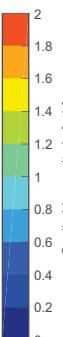
4°19'

4°20'

4°21'



Dieptelijnen (2015) in m LAT  
(LAT = 0,71m onder TAW)



dijk  
slik  
5m

200m 0 200 400 600 800m

→ 1 m/s  
→ 1 kn

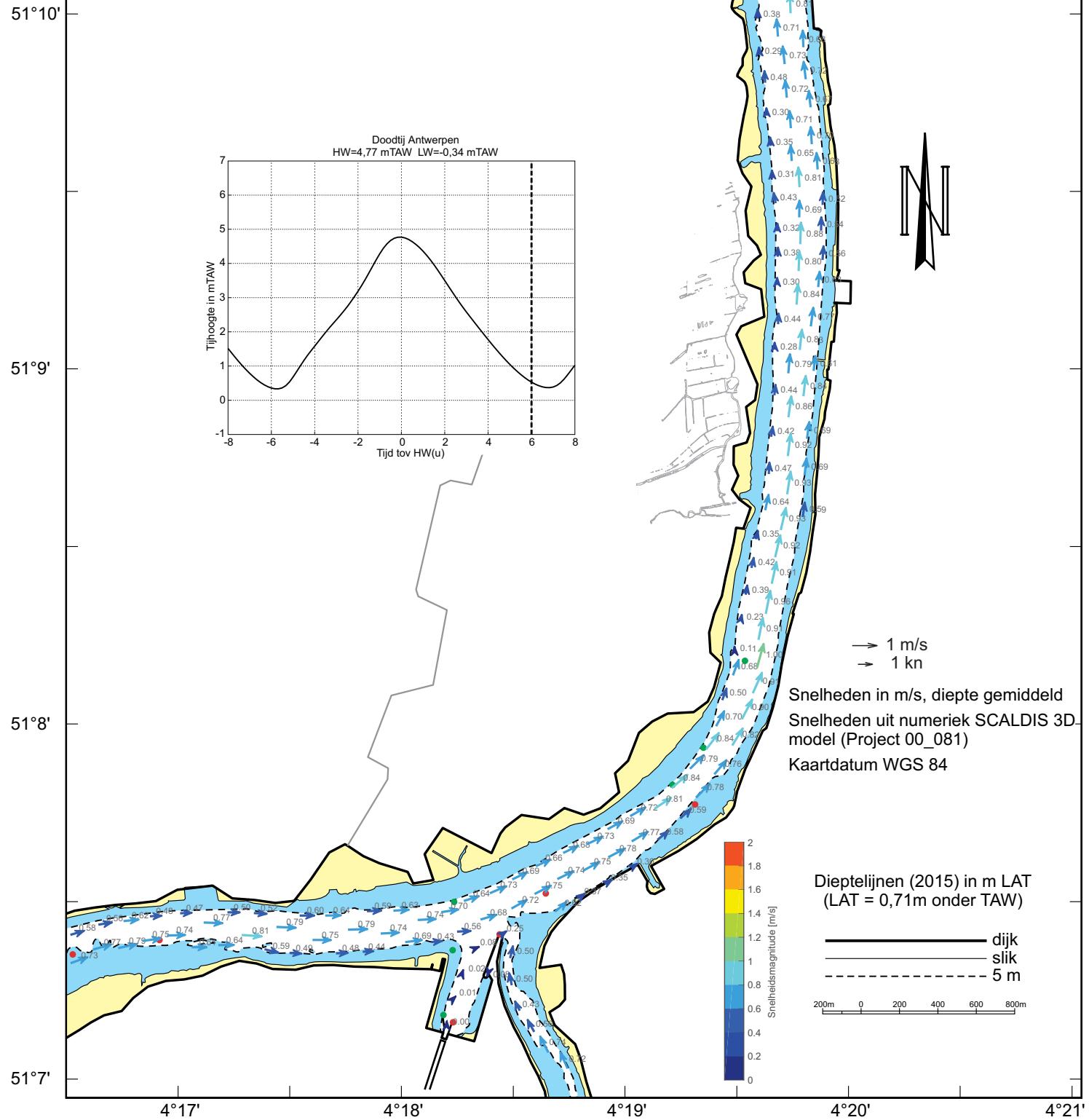
Snelheden in m/s, diepte gemiddeld  
Snelheden uit numeriek SCALDIS 3D-  
model (Project 00\_081)  
Kaartdatum WGS 84

# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Doodtij : 6u00 na HW  
te Antwerpen

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Hydraulics Research

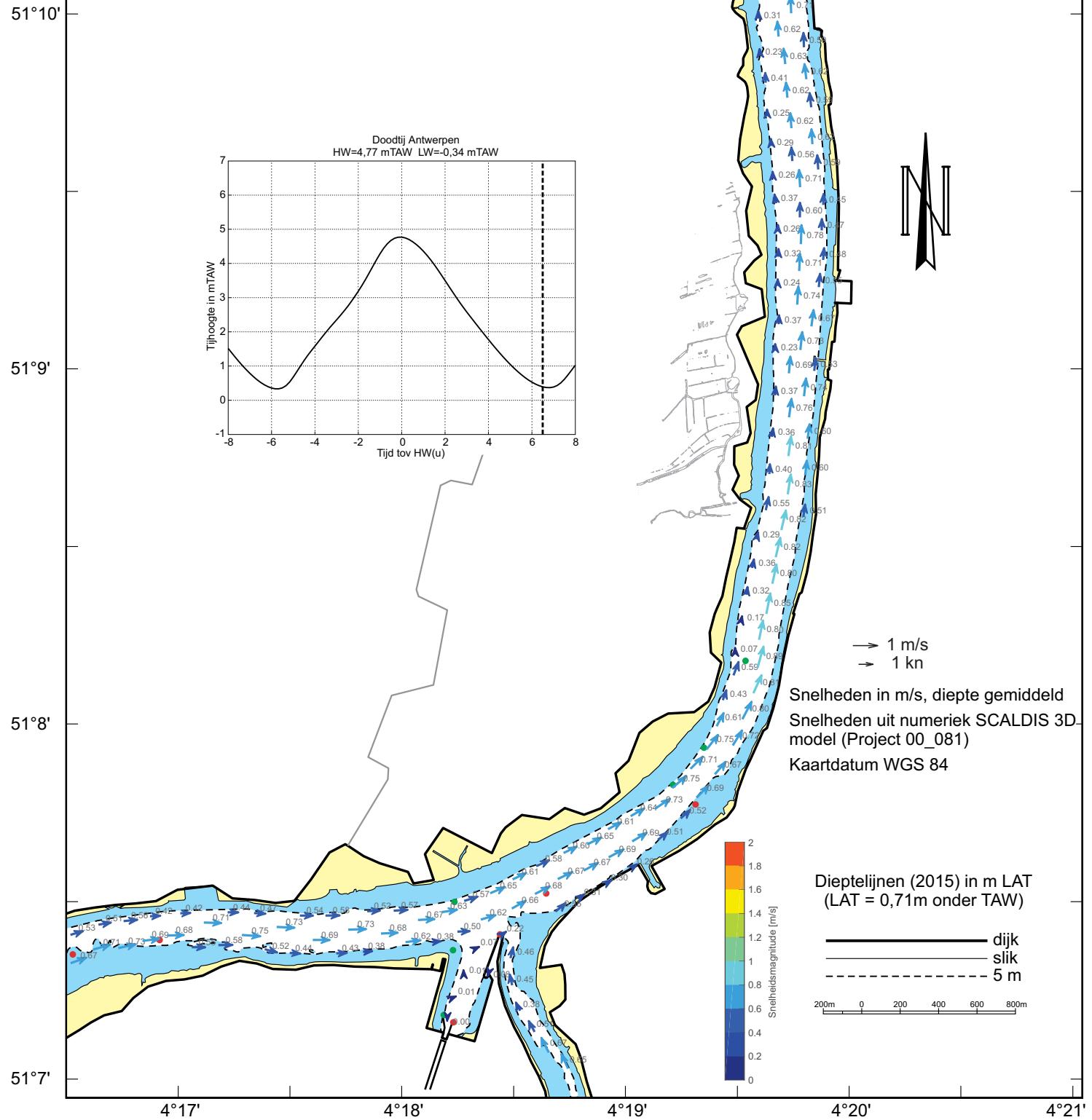


# STROOMATLAS BENEDEN ZEESCHELDE

## vak Monding Hoboken - Rupel

Doodtij : 6u30 na HW  
te Antwerpen

Flanders  
Hydraulics Research





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Waterbouwkundig Laboratorium

Berchemlei 115, 2140 Antwerpen  
**T** +32 (0)3 224 60 35  
**F** +32 (0)3 224 60 36  
[waterbouwkundiglabo@vlaanderen.be](mailto:waterbouwkundiglabo@vlaanderen.be)  
[www.waterbouwkundiglaboratorium.be](http://www.waterbouwkundiglaboratorium.be)