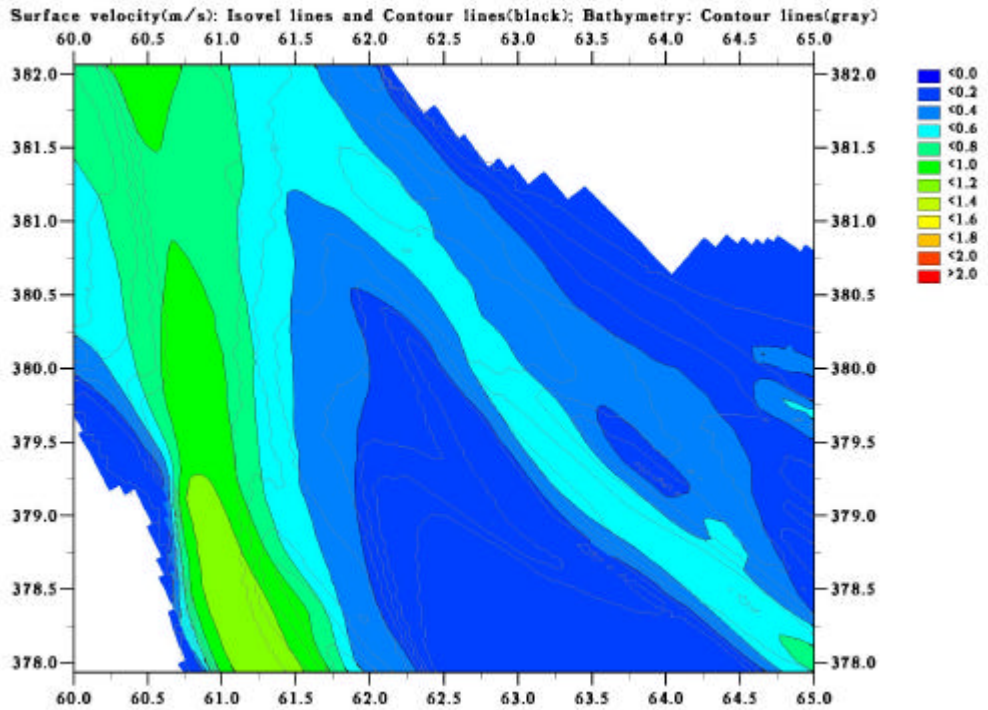
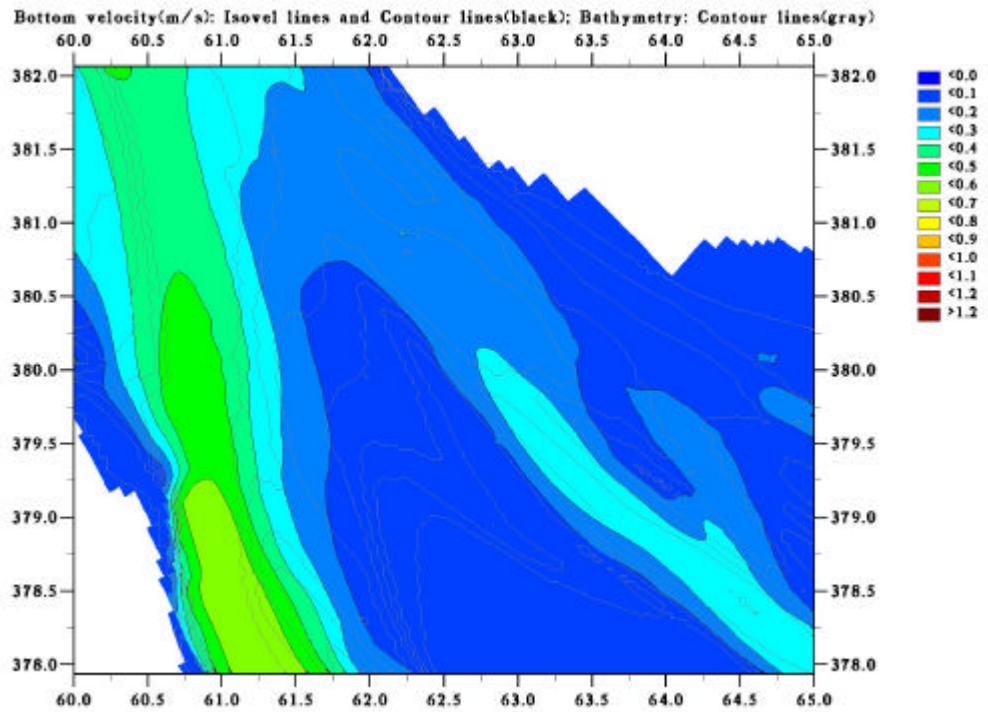
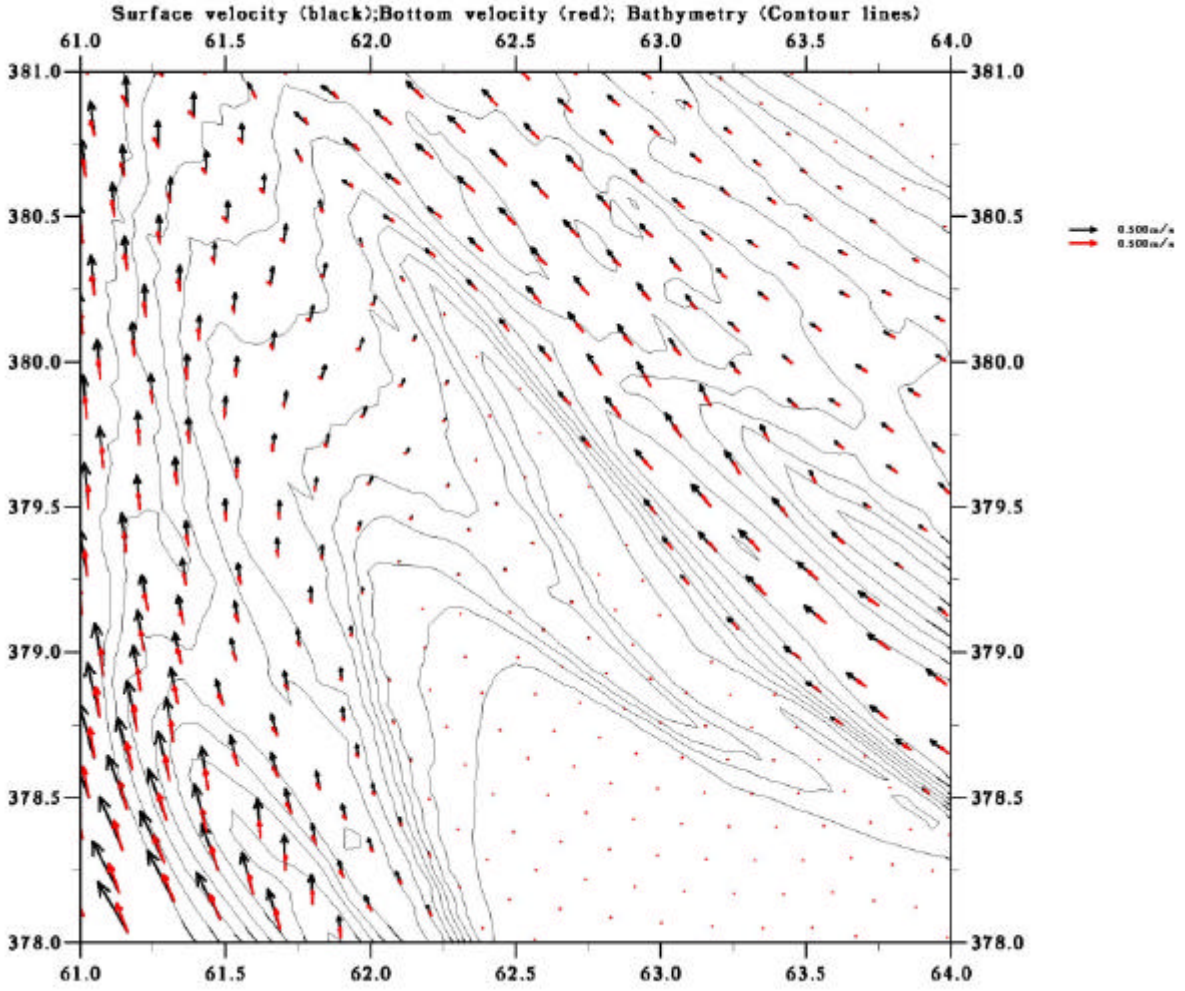



| | |
|---|---|
| **Alternative dumping strategy**<br>**Results of physical and numerical modelling** | Isovel lines for surface and bottom velocity at HW+6h<br>Numerical model: 3D model, no refinement, 10 layers, horizontal eddy viscosity 10 m²/s |

| | | |
|---|---|---|
| **MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**<br>**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK** | Figure 042 | **MODEL 678/1** |




**Alternative dumping strategy**
**Results of physical and numerical modelling**

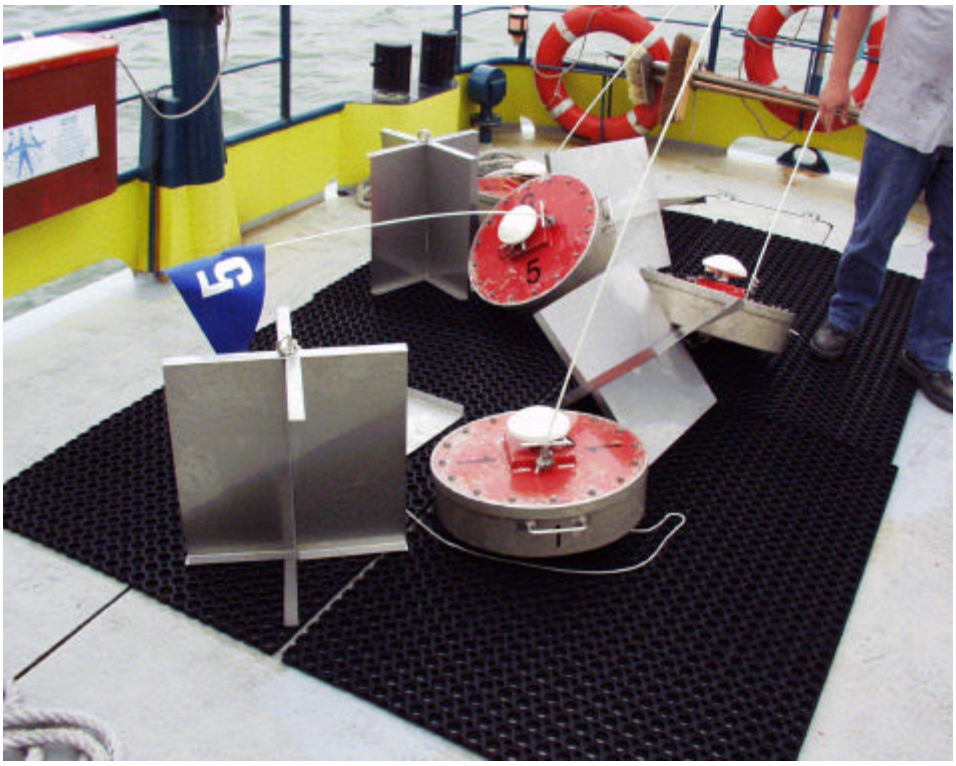
Current pattern computed with the numerical model at HW+6h
Numerical model: 3D model, no refinement, 10 layers, horizontal eddy viscosity 10m²/s

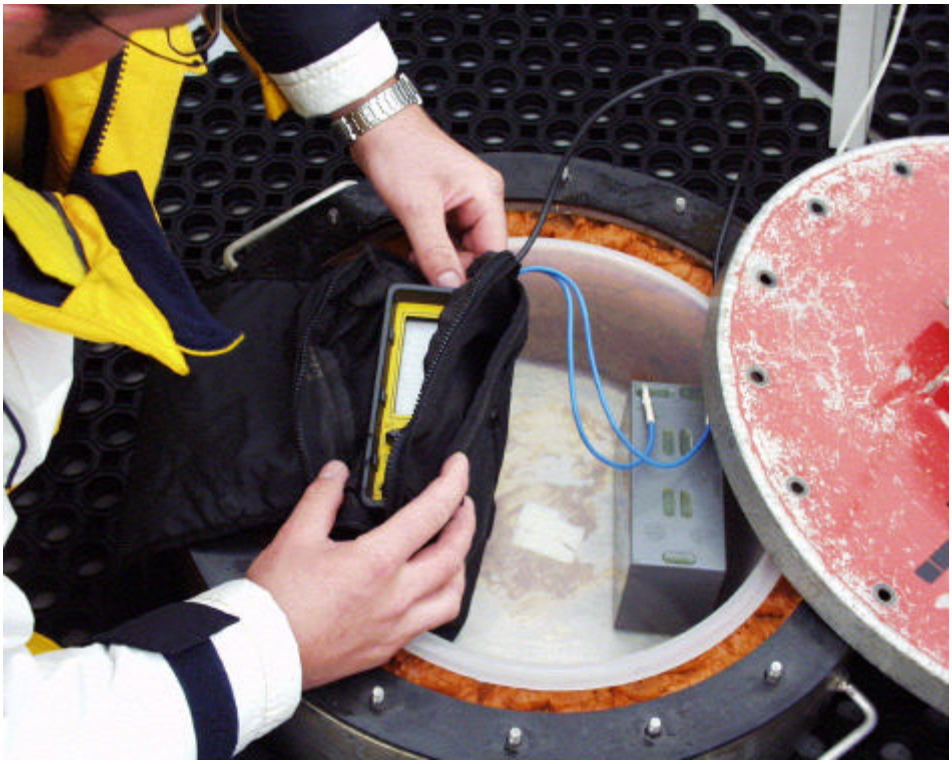
**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

Figure 043

**MODEL 678/1**



**Alternative dumping strategy**
**Results of physical and numerical modelling**

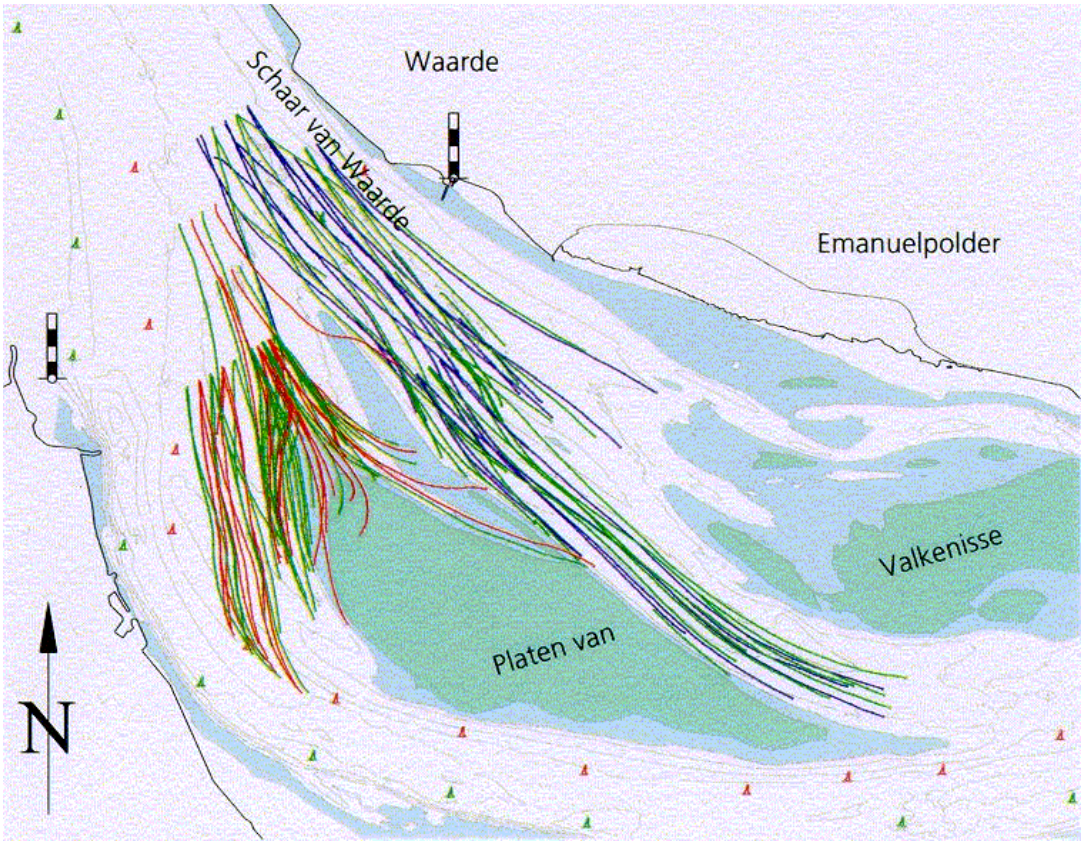
Image of the GPS drifters used during the field campaign from 23th September to 10th October 2002.

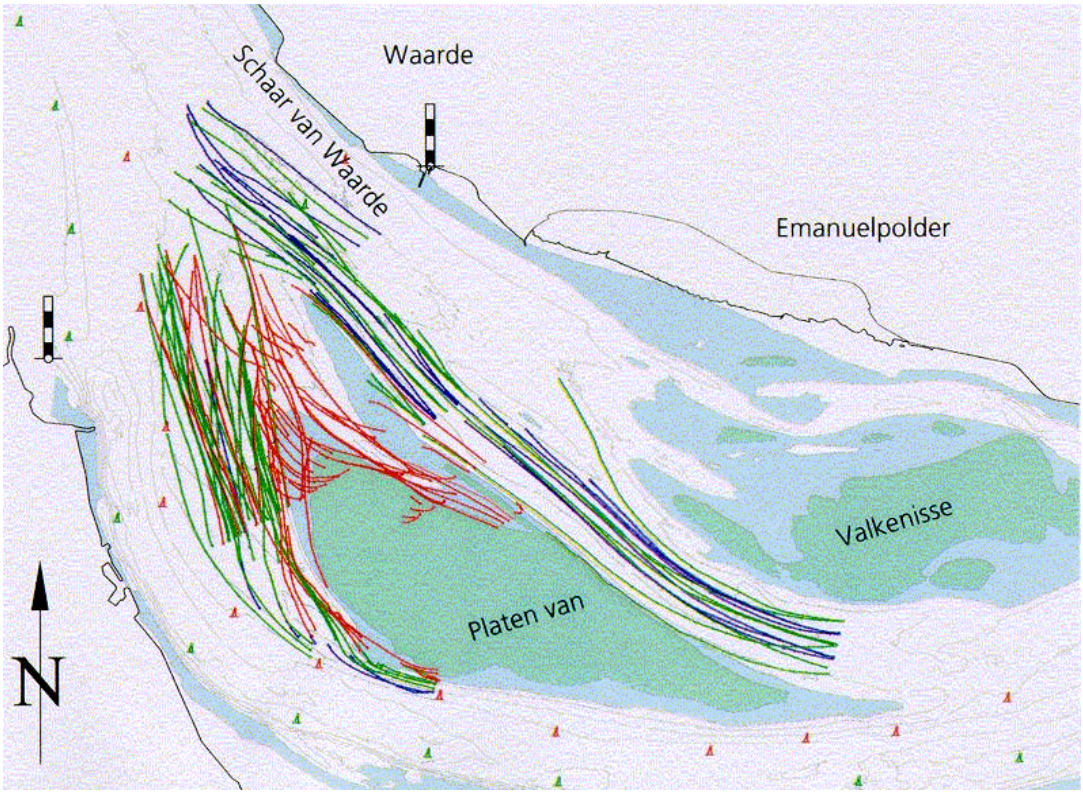
**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

Figure 044

**MODEL 678/1**




**Alternative dumping strategy**
**Results of physical and numerical modelling**

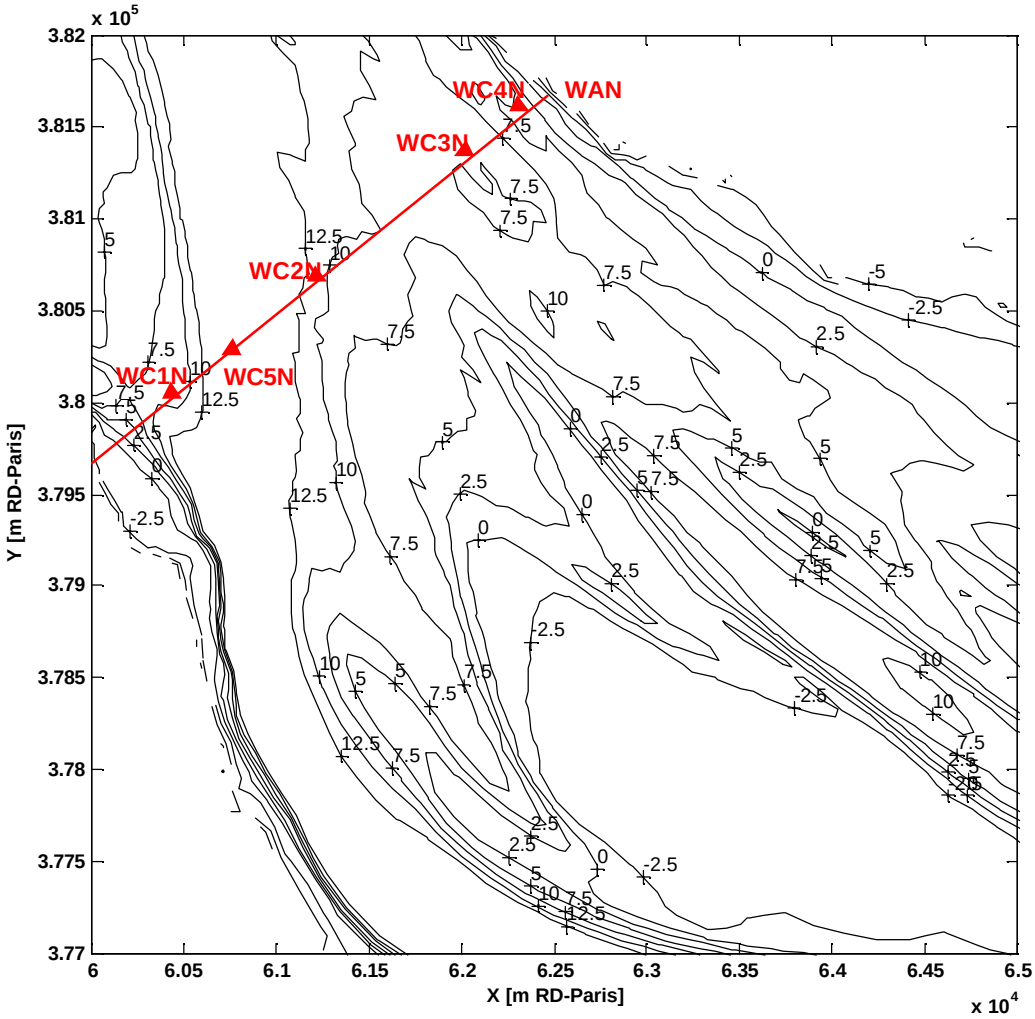
General overview of the measurements with GPS drifters carrie out from 23th September to 10th October 2002.
Above: flood; Below: ebb

**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

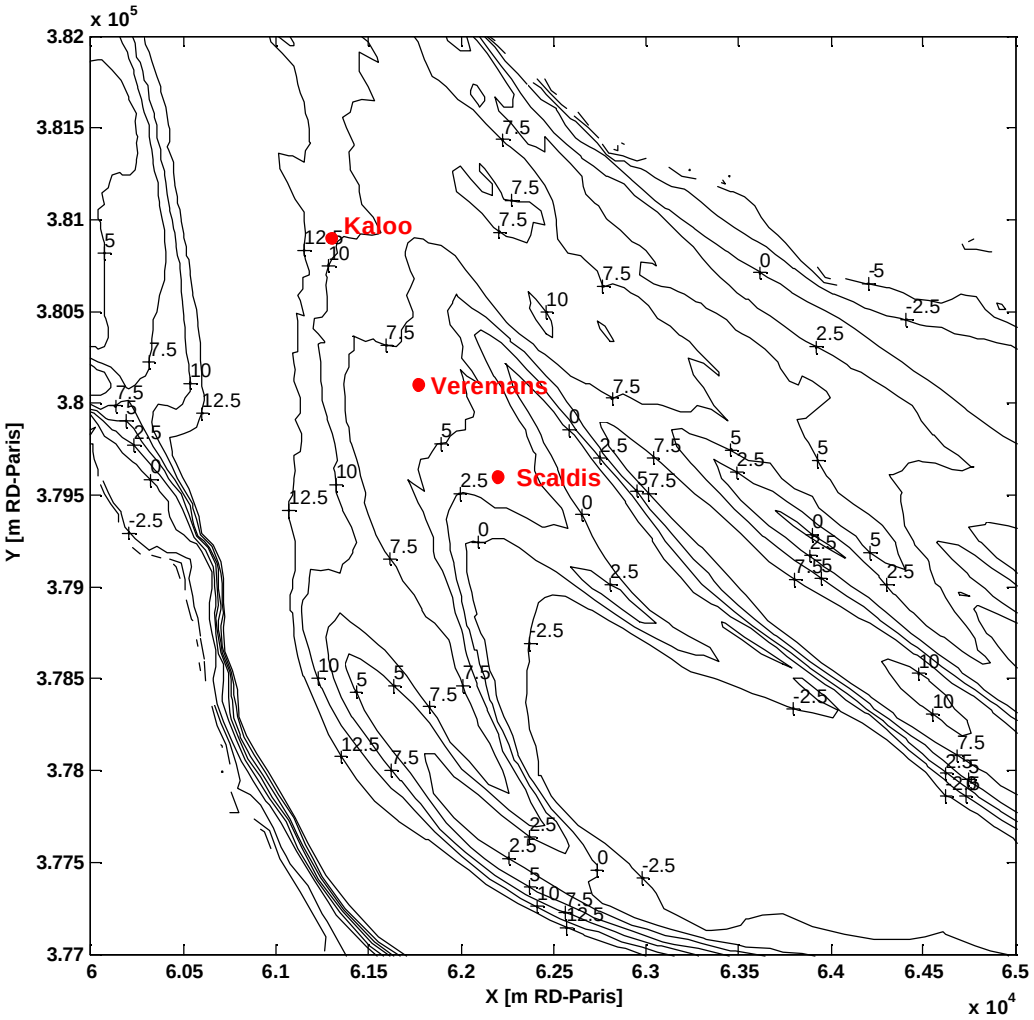
Figure 045

**MODEL 678/1**



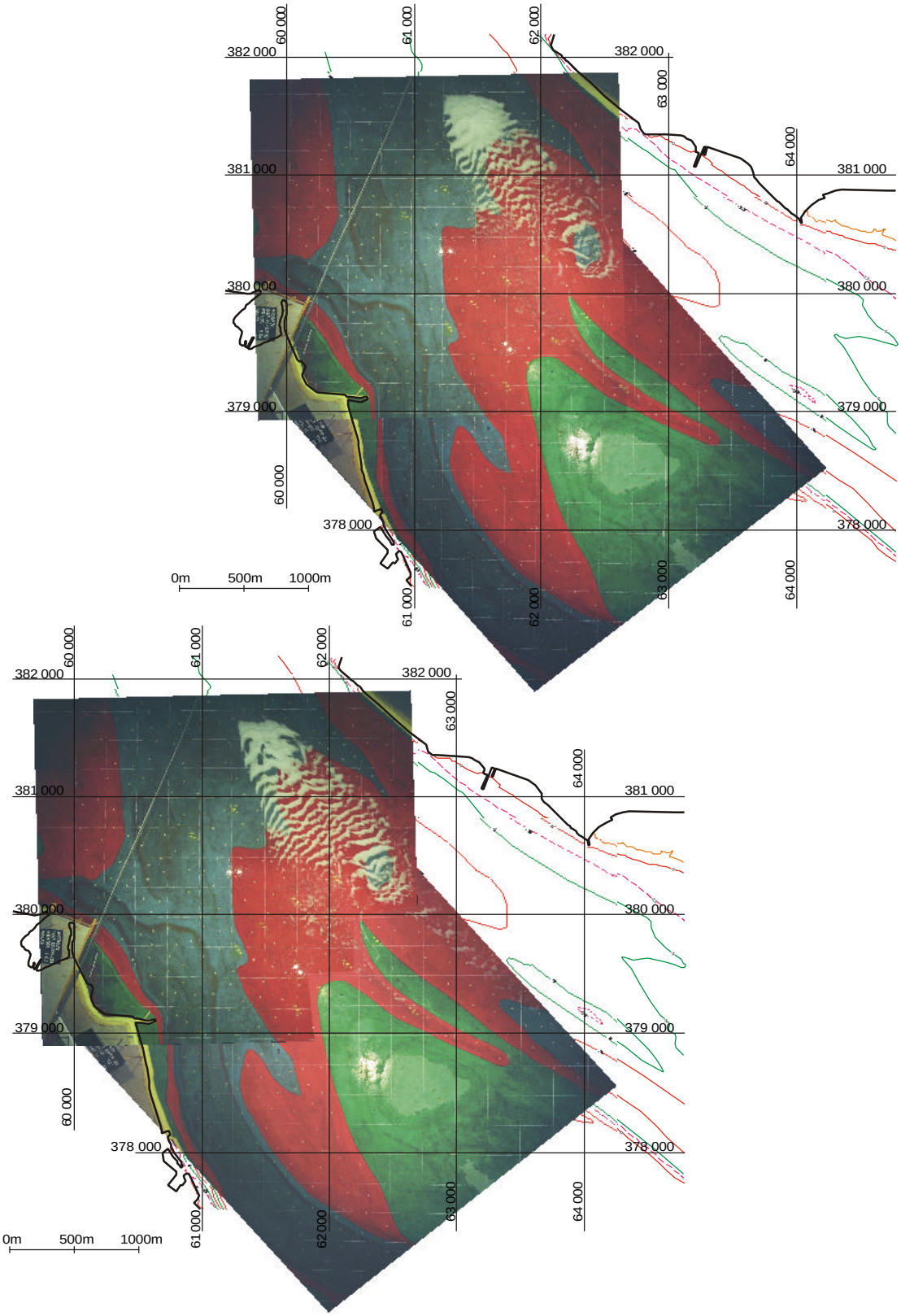

| | |
|---|---|
| **Alternative dumping strategy**<br>**Results of physical and numerical modelling** | Overview of transect and CTD-measuring points during the field campaign of 12/06/2002 |

| | | |
|---|---|---|
| **MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**<br>**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK** | Figure 046 | **MODEL 678/1** |




| | |
|---|---|
| **Alternative dumping strategy**<br>**Results of physical and numerical modelling** | Overview of measuring points during the field campaign of 03/06/2003 |

| | | |
|---|---|---|
| **MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**<br>**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK** | Figure 047 | **MODEL 678/1** |




**Alternative dumping strategy**
**Results of physical and numerical modelling**

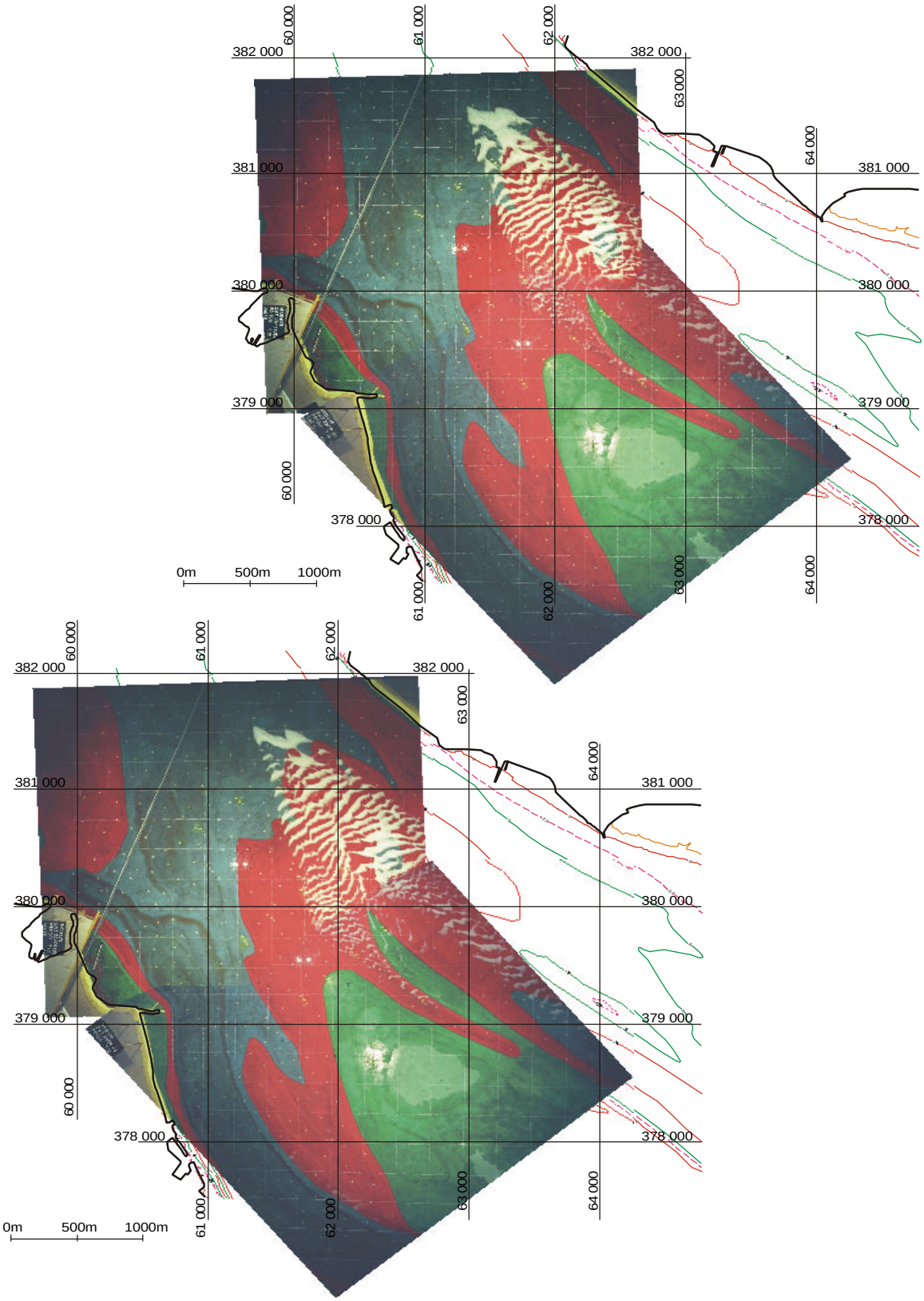
Dumping location P1 (experiment 301)
Tides 4 and 7

**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

Figure 048

**MODEL 678/1**




**Alternative dumping strategy**
**Results of physical and numerical modelling**

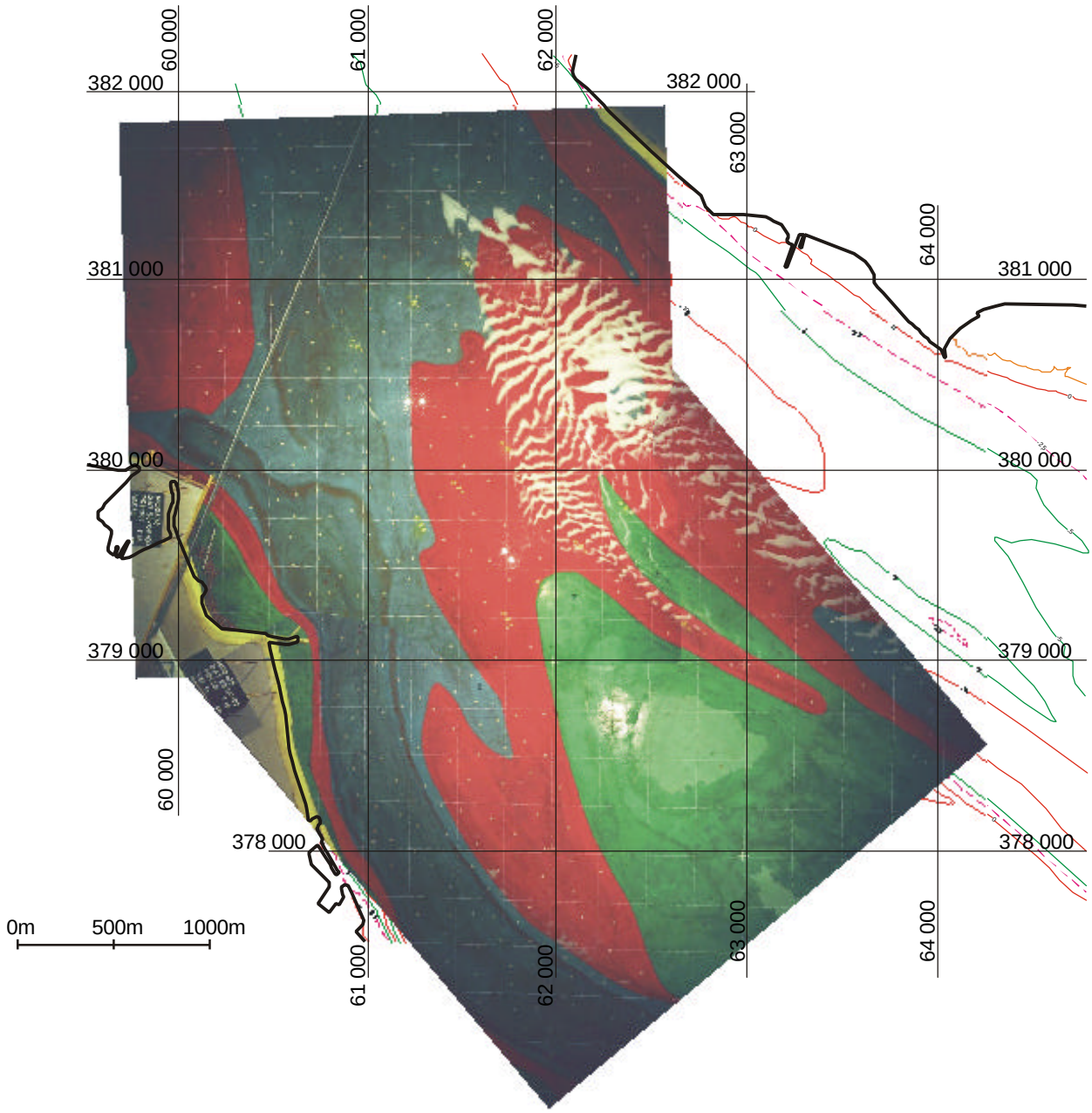
Dumping location P1 (experiment 301)
Tides 10 and 13.

**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

Figure 049

**MODEL 678/1**




**Alternative dumping strategy**
**Results of physical and numerical modelling**

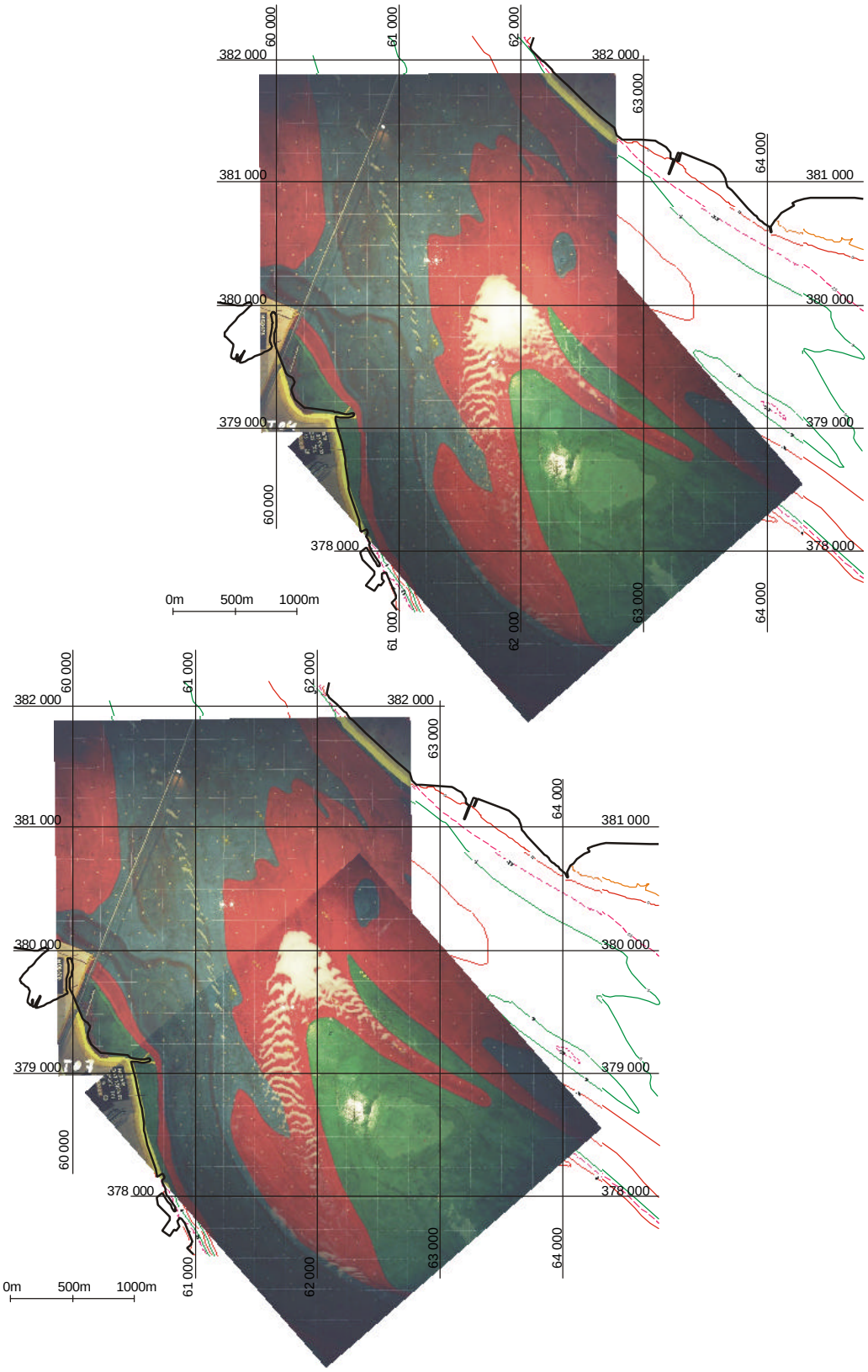
Dumping location P1 (experiment 301).
Tide 16

**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

Figure 050

**MODEL 678/1**




**Alternative dumping strategy**
**Results of physical and numerical modelling**

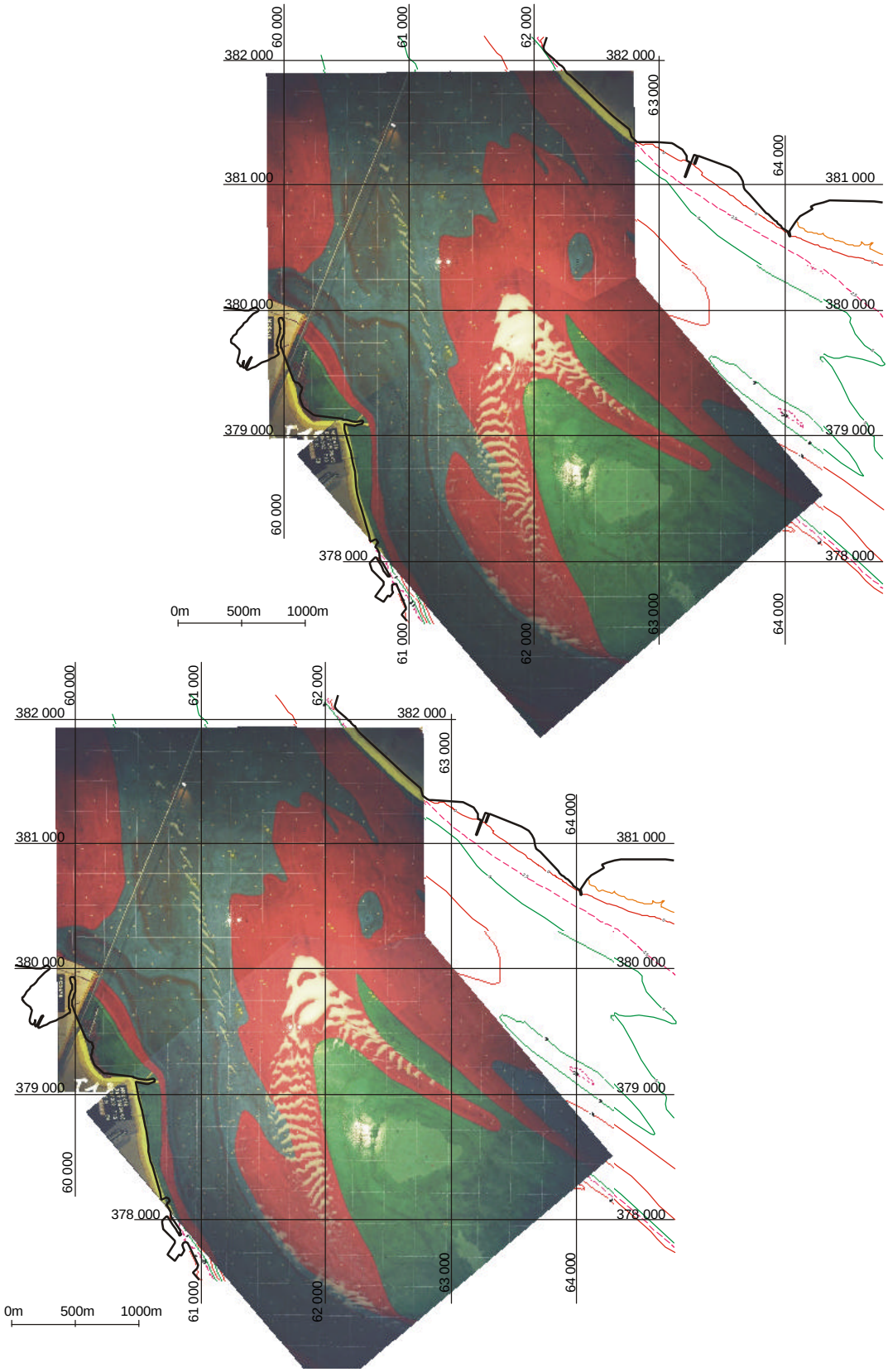
Dumping location M2 (experiment 302)
Tides 4 and 7

**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

Figure 051

**MODEL 678/1**




**Alternative dumping strategy**
**Results of physical and numerical modelling**

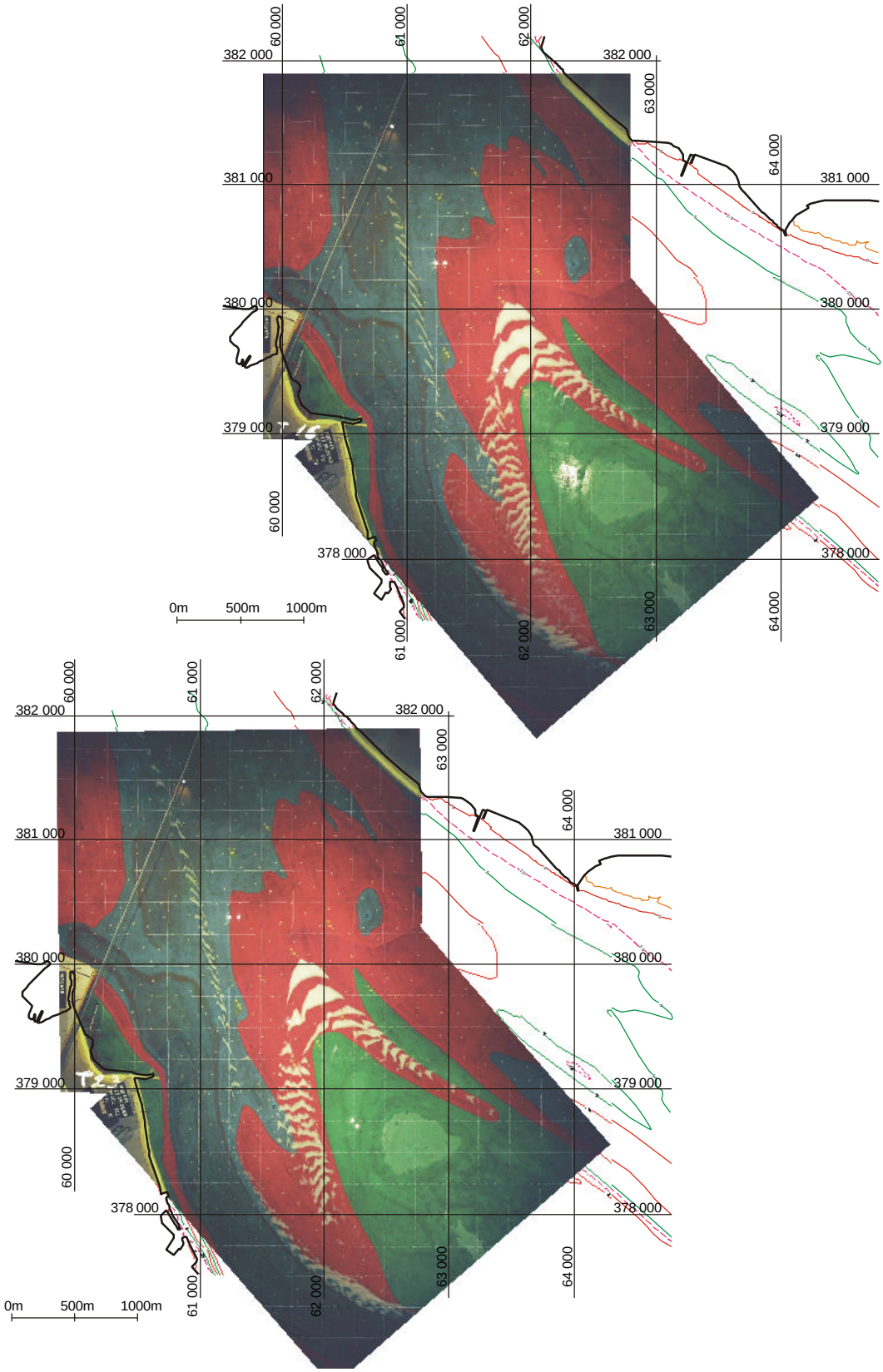
Dumping location M2 (experiment 302)
Tides 10 and 13

**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

Figure 052

**MODEL 678/1**




**Alternative dumping strategy**
**Results of physical and numerical modelling**

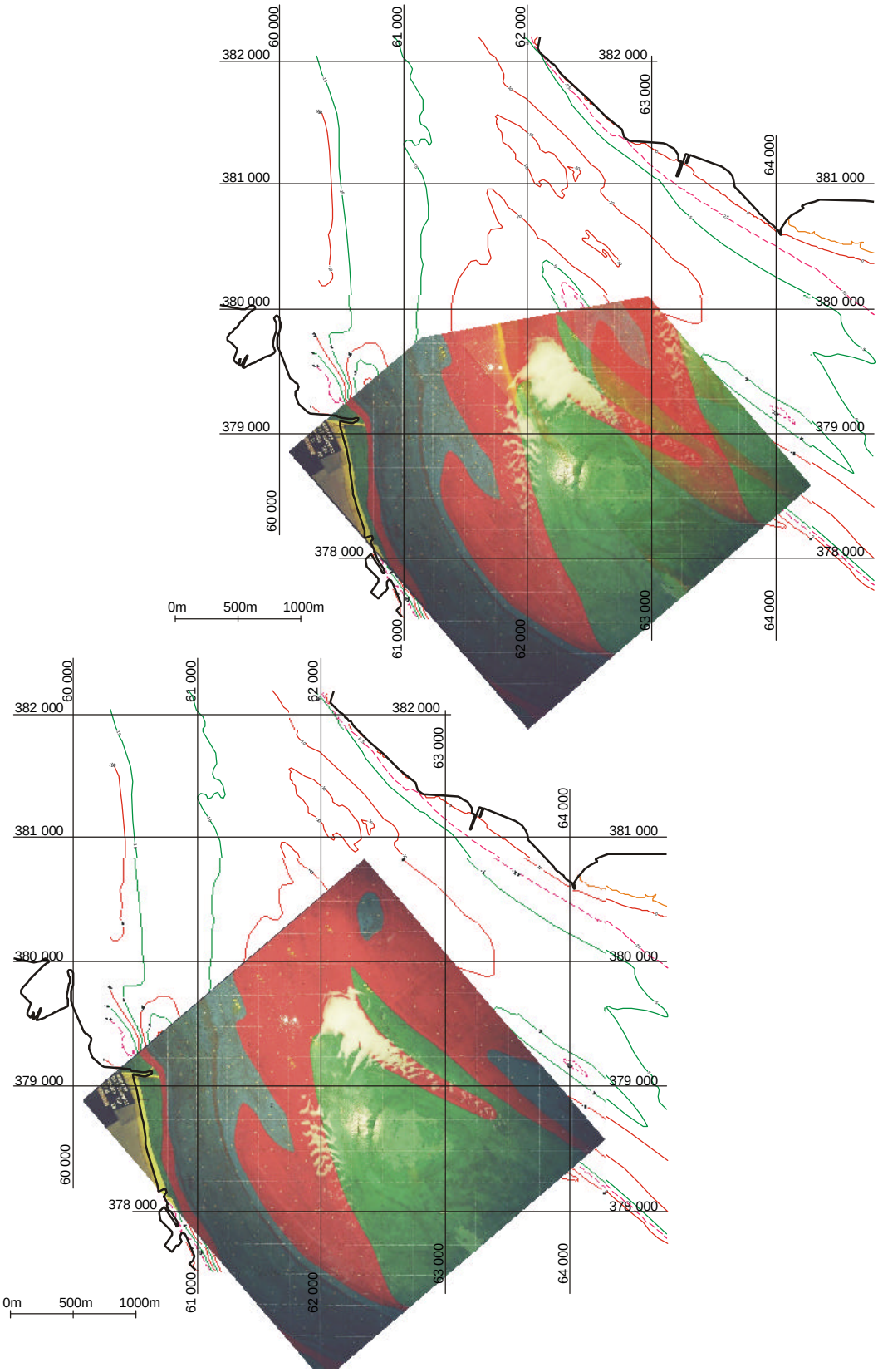
Dumping location M2 (experiment 302)
Tides 16 and 23

**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

Figure 053

**MODEL 678/1**




**Alternative dumping strategy**
**Results of physical and numerical modelling**

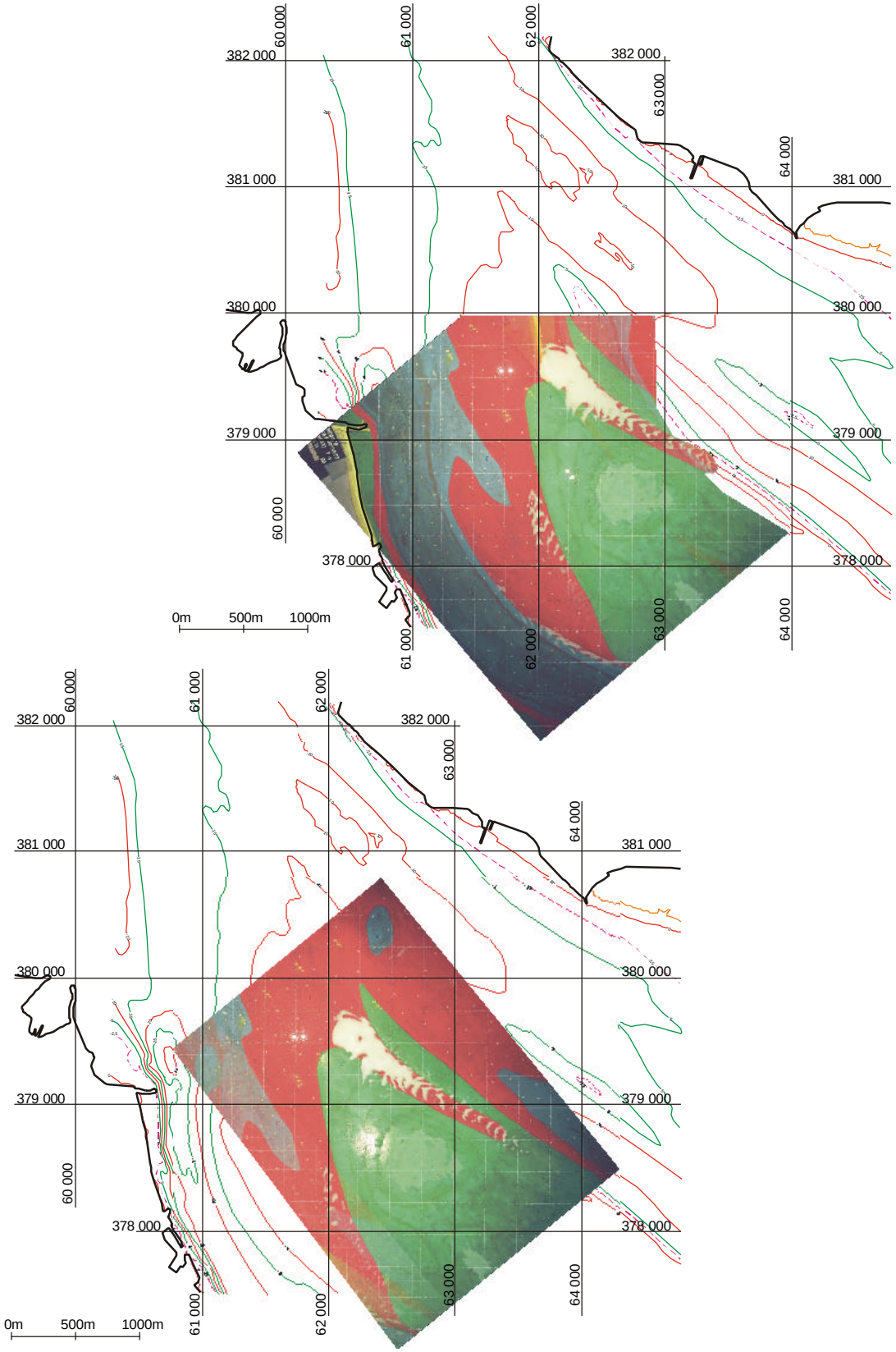
Dumping location M3 (experiment 303)
Tides 4 and 7

**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

Figure 054

**MODEL 678/1**




**Alternative dumping strategy**
**Results of physical and numerical modelling**

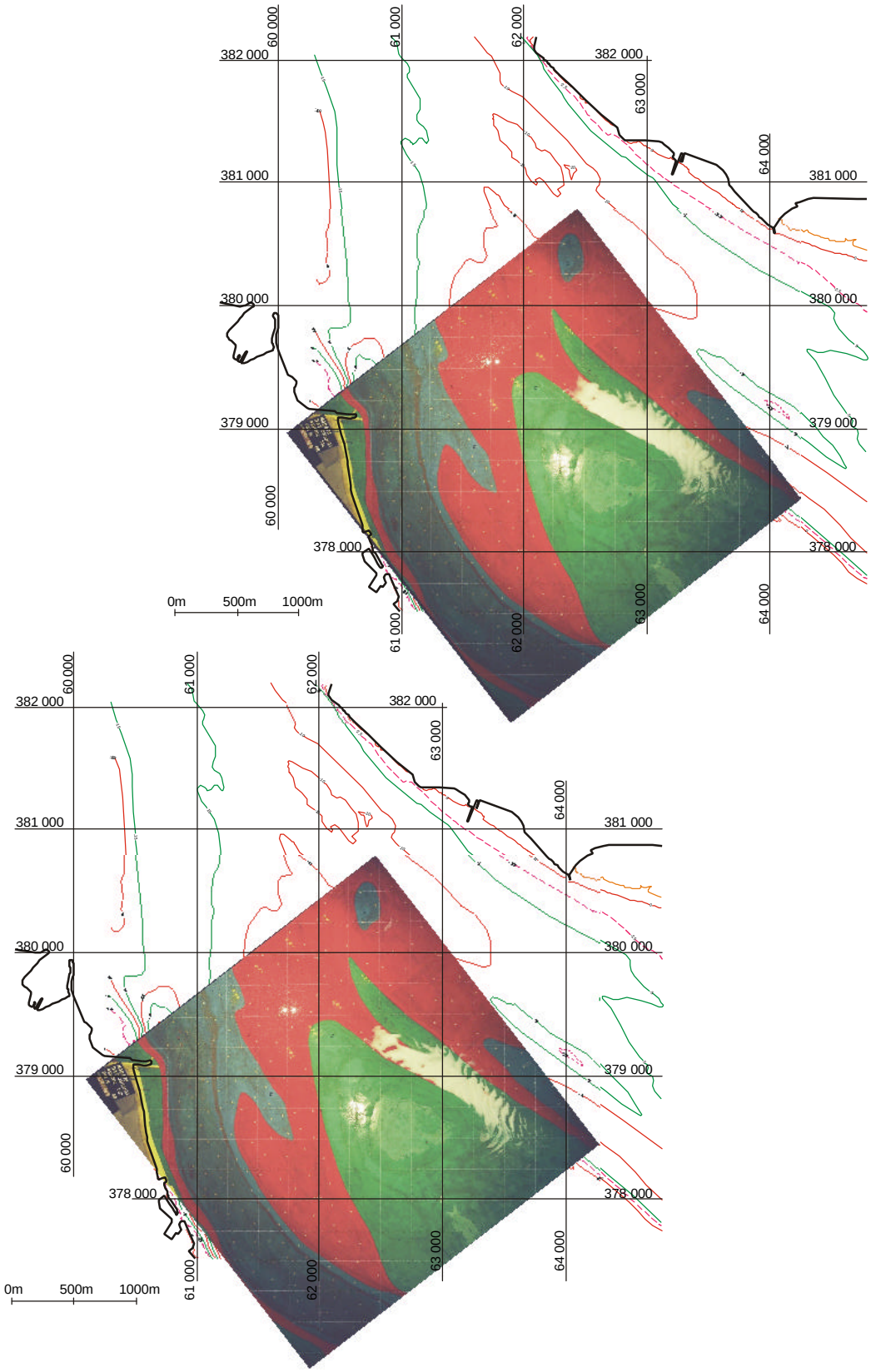
Dumping location M3 (experiment 303)
Tides 10 and 13

**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

Figure 055

**MODEL 678/1**




**Alternative dumping strategy**
**Results of physical and numerical modelling**

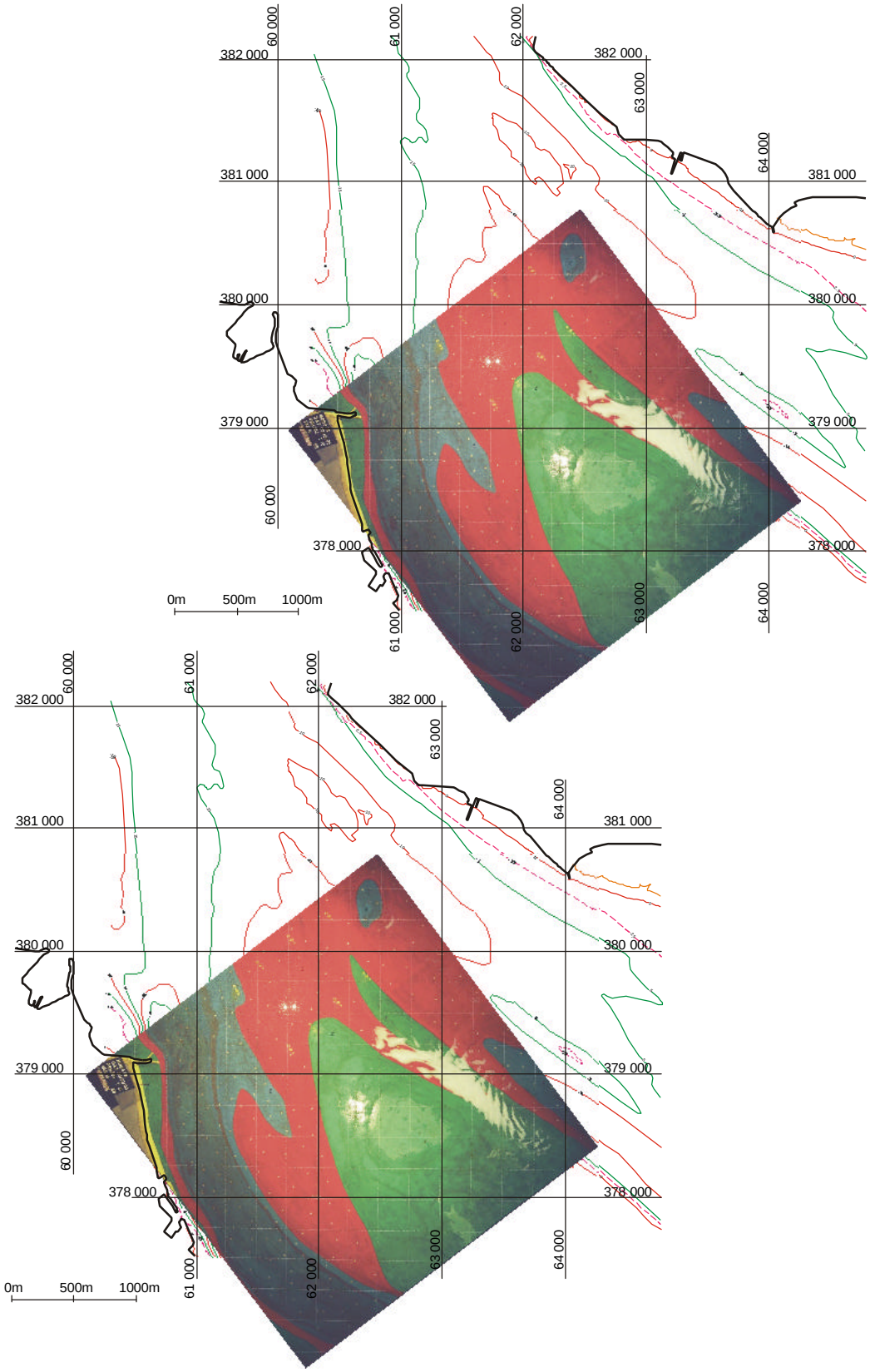
Dumping location M4(experiment 304).
Tides 4 and 7

**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

Figure 056

**MODEL 678/1**




**Alternative dumping strategy**
**Results of physical and numerical modelling**

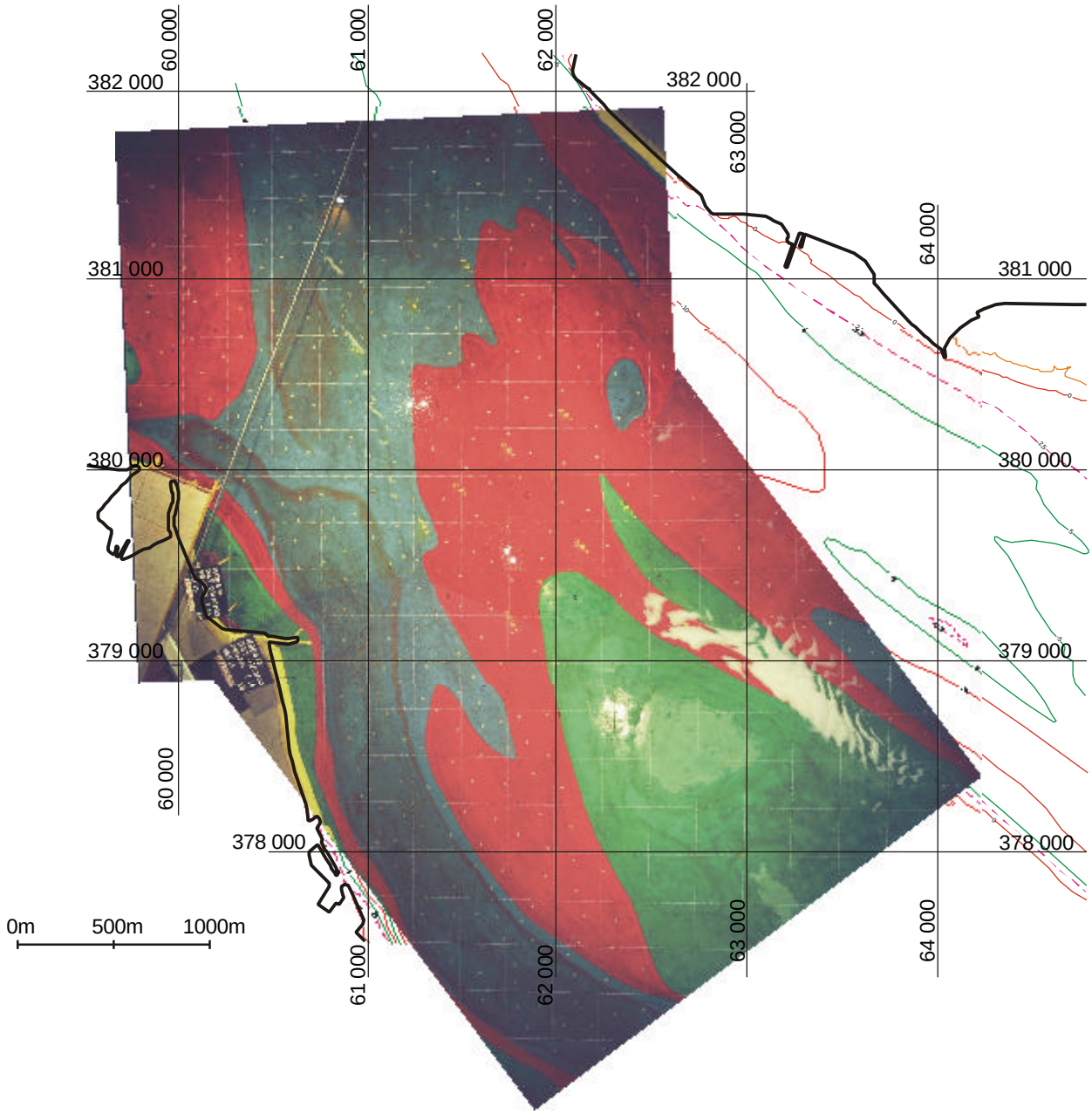
Dumping location M4 (experiment 304).
Tides 10 and 13

**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

Figure 057

**MODEL 678/1**




**Alternative dumping strategy**
**Results of physical and numerical modelling**

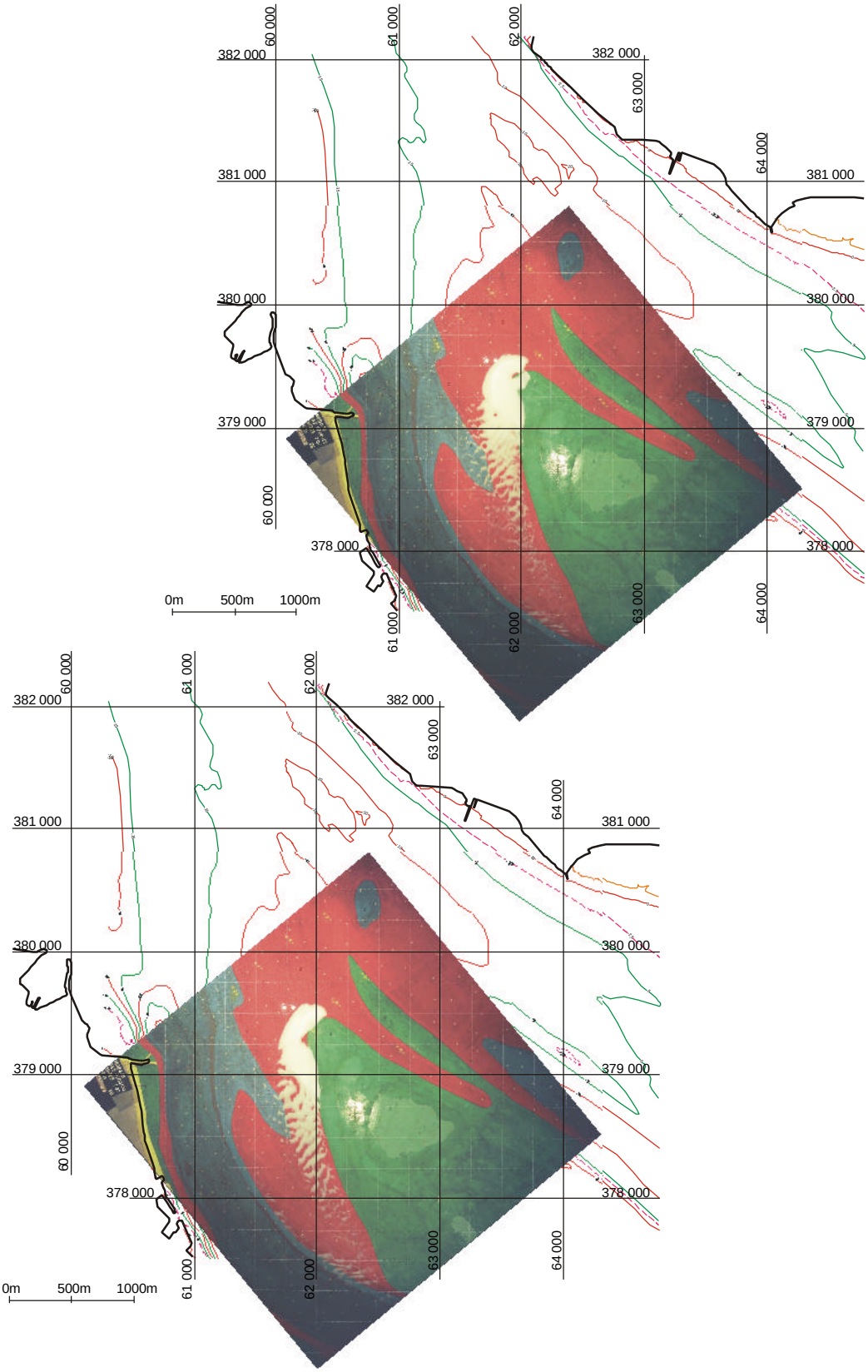
Dumping location M4 (expriment 304).
Tide 16

**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

Figure 058

**MODEL 678/1**




**Alternative dumping strategy**
**Results of physical and numerical modelling**

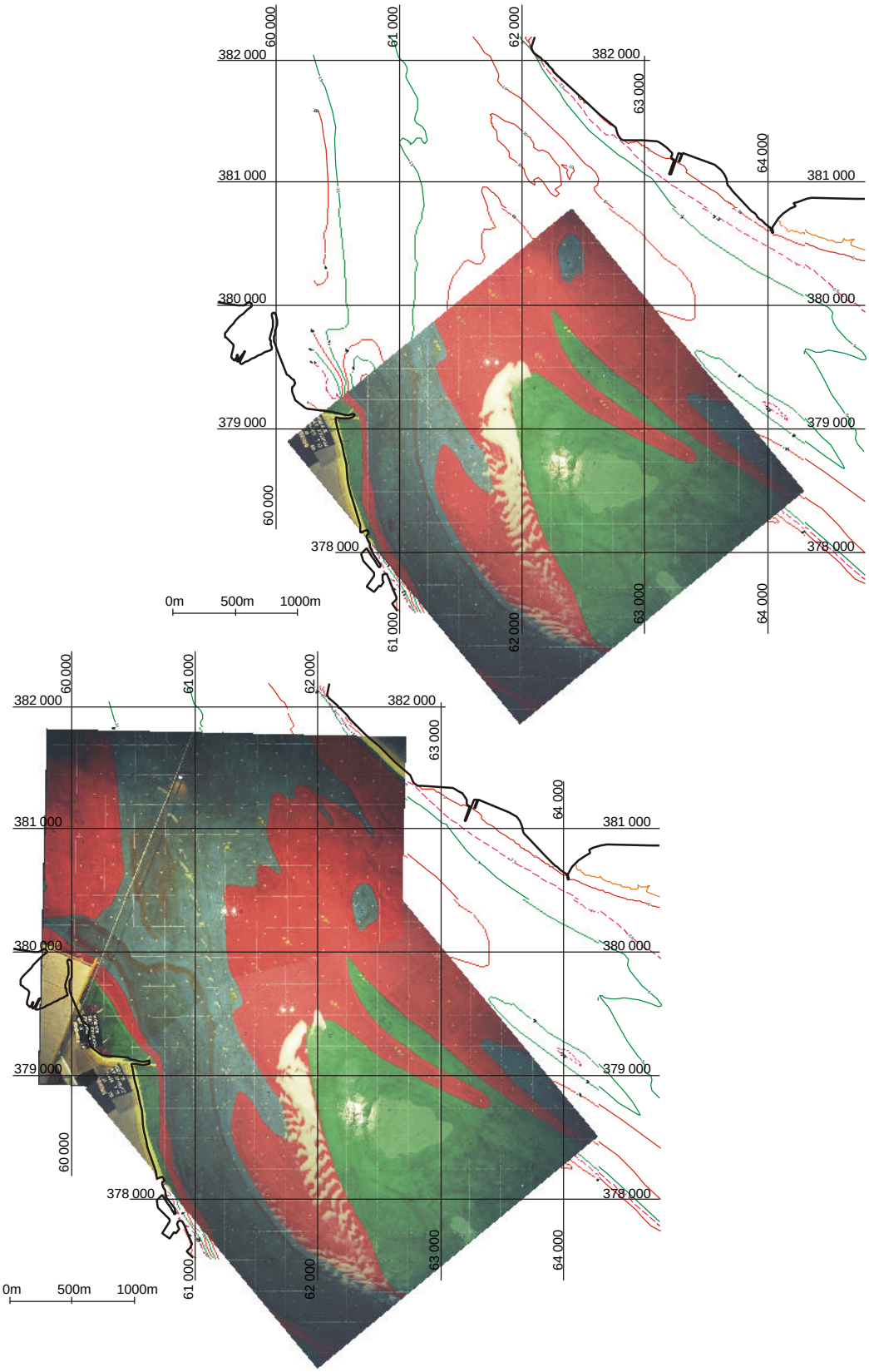
Dumping location L2 (experiment 305).
Tides 4 and 7

**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

Figure 059

**MODEL 678/1**




**Alternative dumping strategy**
**Results of physical and numerical modelling**

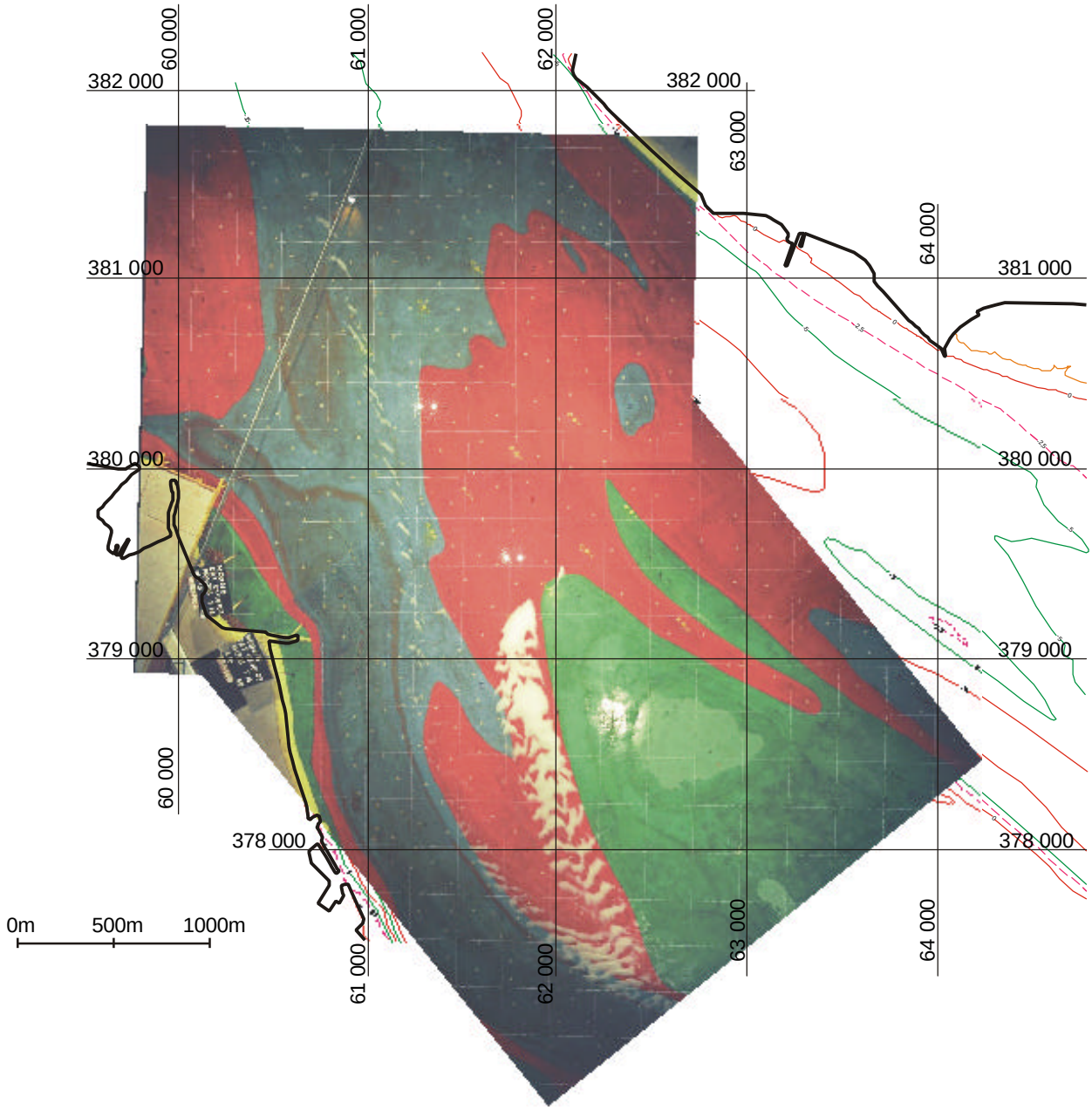
Dumping location L2 (experiment 305).
Tides 10 and 13

**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

Figure 060

**MODEL 678/1**




**Alternative dumping strategy**
**Results of physical and numerical modelling**

Dumping location L2 (experiment 305).
Tide 16

**MINISTERIE VAN DE VLAAMSE GEMEENSCHAP**

**AFDELING WATERBOUWKUNDIG LABORATORIUM EN HYDROLOGISCH ONDERZOEK**

Figure 061

**MODEL 678/1**