

### LEGEND

Suspended Sediment Concentration (mg/l)

Above 200 100 - 200 50 - 100 20 - 50 10 - 20

5 - 10 2 - 5 Below 2

> 20 Kilometres

Data Source: Image supplied by Danish Hydraulic Institute

PROJECT TITLE

#### DOGGER BANK TEESSIDE A & B

DRAWING TITLE

Figure 5.12 Maximum SSC in the Bottom Layer Predicted over the Simulation Period after One Year of Operation using the Re-suspension of Fractions 1 and 2 Method

VER	DATE	REMARKS	Drawn	Checked
1	15/04/2013	Draft	FK	DB
2	26/09/2013	Final	LW	DB

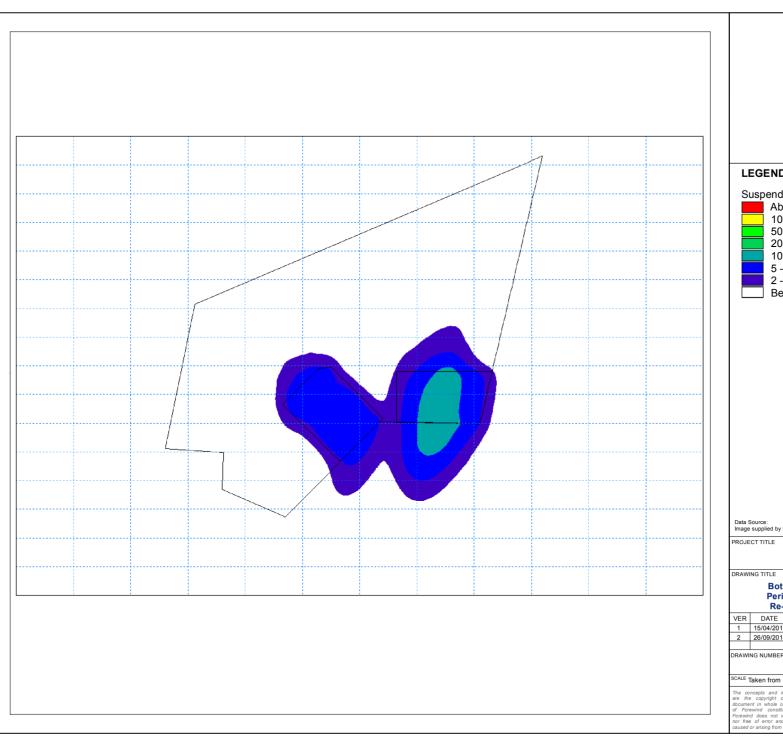
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### 5X5889/04/97

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### LEGEND

Suspended Sediment Concentration (mg/l)

Above 200 100 - 200 50 - 100 20 - 50 10 - 20 5 - 10

2 - 5 Below 2

> 20 Kilometres

Data Source: Image supplied by Danish Hydraulic Institute

#### DOGGER BANK TEESSIDE A & B

Figure 5.13 Average SSC in the Bottom Layer Predicted over the Simulation Period after One Year of Operation using the Re-suspension of Fractions 1 and 2 Method

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2	26/09/2013	Final	LW	DB				

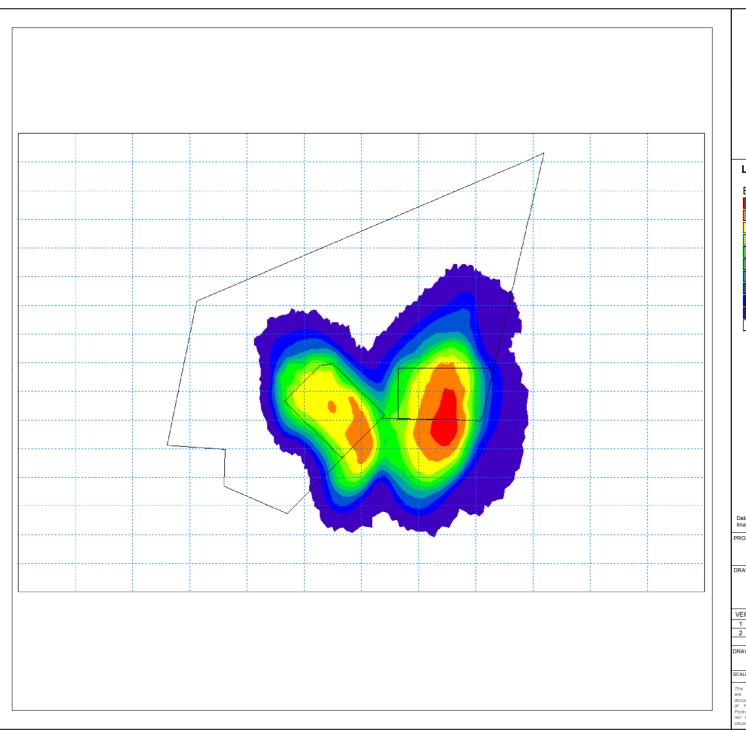
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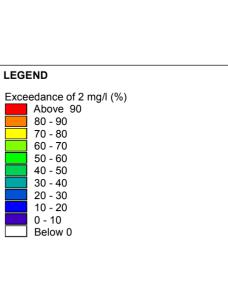
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20 Kilometres

Data Source: Image supplied by Danish Hydraulic Institute

PROJECT TITLE

#### DOGGER BANK TEESSIDE A & B

DRAWING TITLE Figure 5.14 Percentage of Time Predicted over the Simulation Period where SSC of 2mg/l is exceeded in the Bottom Layer after One Year of Operation using the Re-suspension of Fractions 1 and 2 Method

VER	DATE	REMARKS	Drawn	Checked				
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2	26/09/2013	Final	LW	DB				

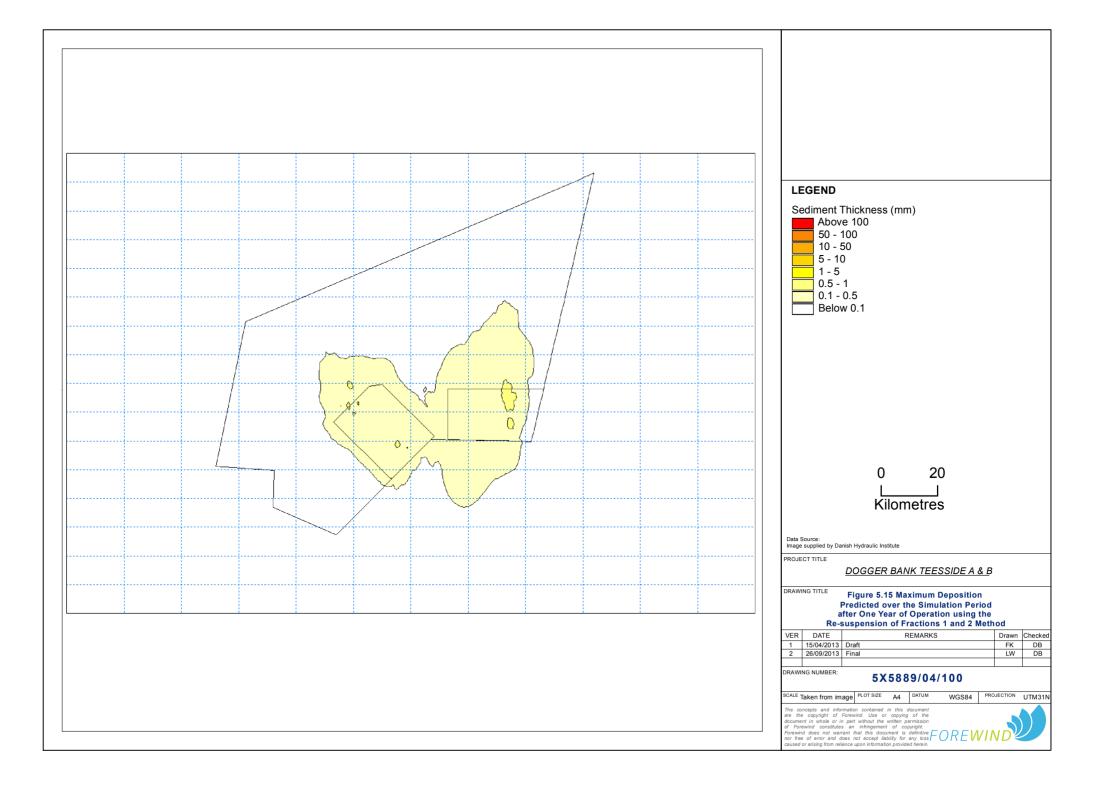
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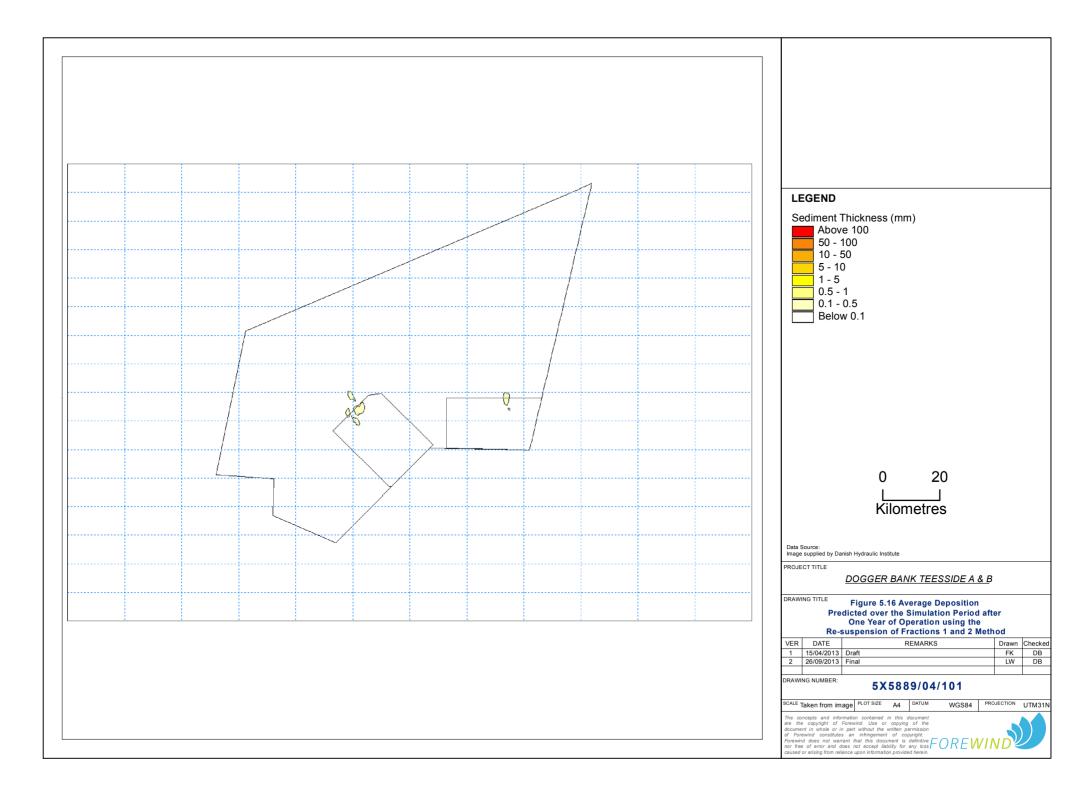
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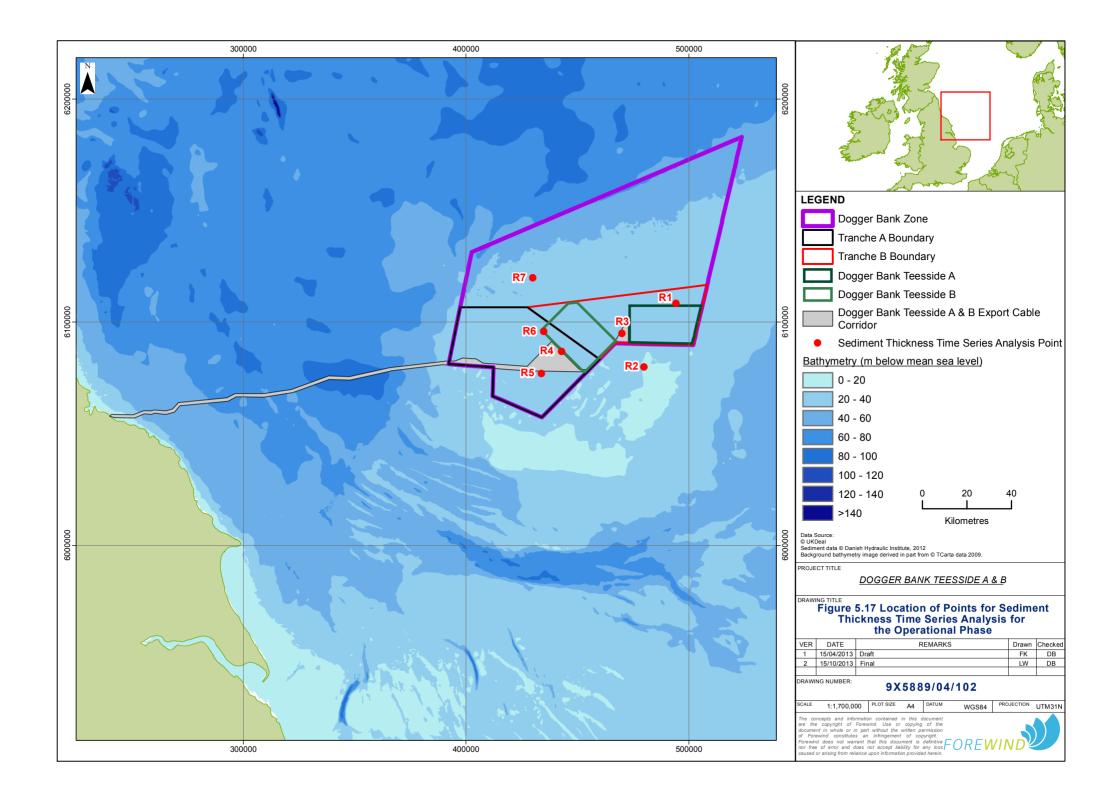
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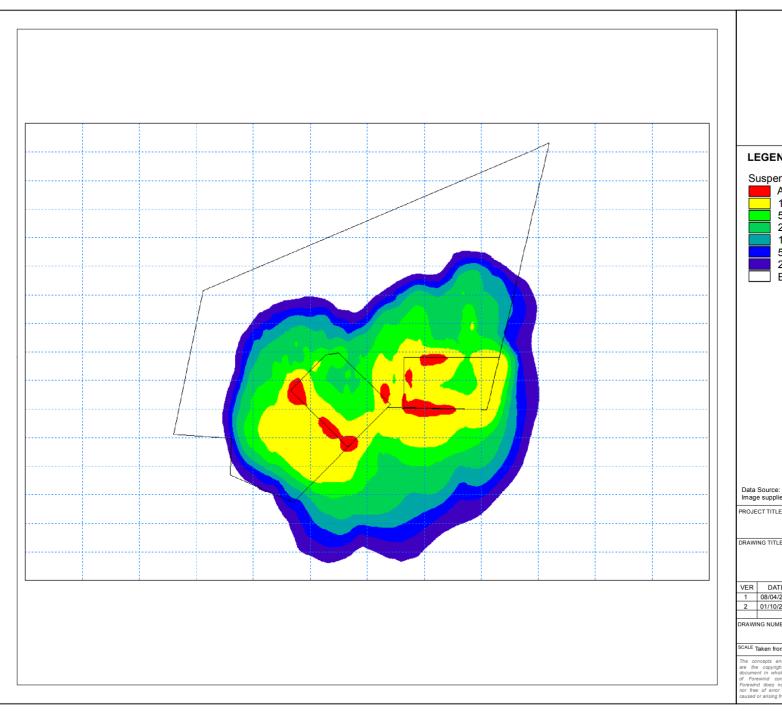
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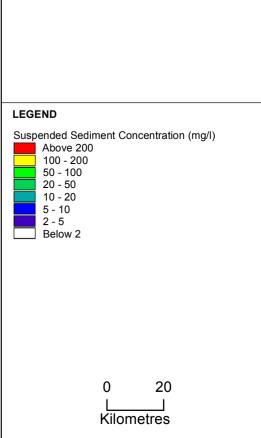


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### **DOGGER BANK TEESSIDE A & B**

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Figure 5.18 Maximum SSC in the Bottom Layer Predicted over the Simulation Period after Two Years of Operation using the Re-suspension of Fractions 1 and 2 Method

VER	DATE	REMARKS	Drawn	Checked
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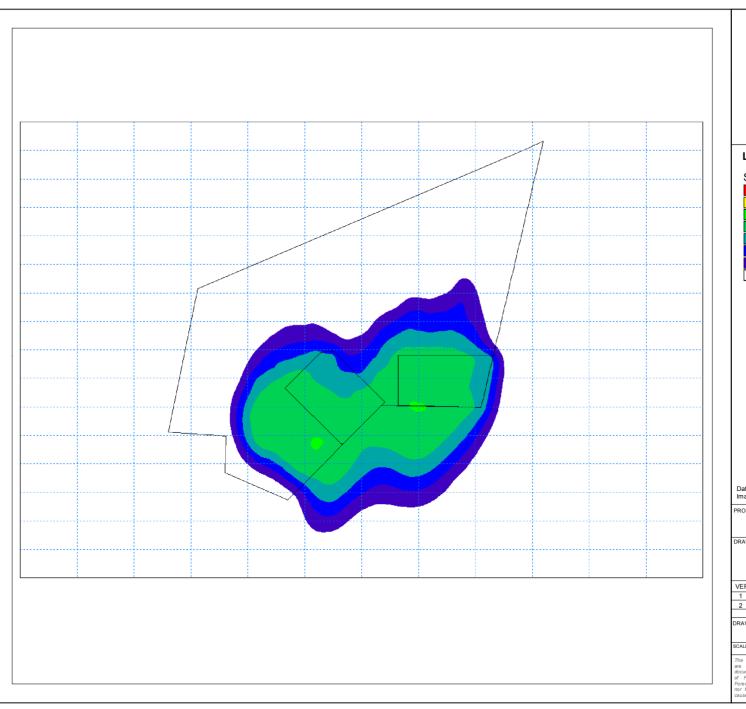
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# **LEGEND**

Suspended Sediment Concentration (mg/l)

Above 200 100 - 200 50 - 100 20 - 50

10 - 20 5 - 10

2 - 5 Below 2



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### **DOGGER BANK TEESSIDE A & B**

DRAWING TITLE

Figure 5.19 Average SSC in the Bottom Layer Predicted over the Simulation Period after Two Years of Operation using the Re-suspension of Fractions 1 and 2 Method

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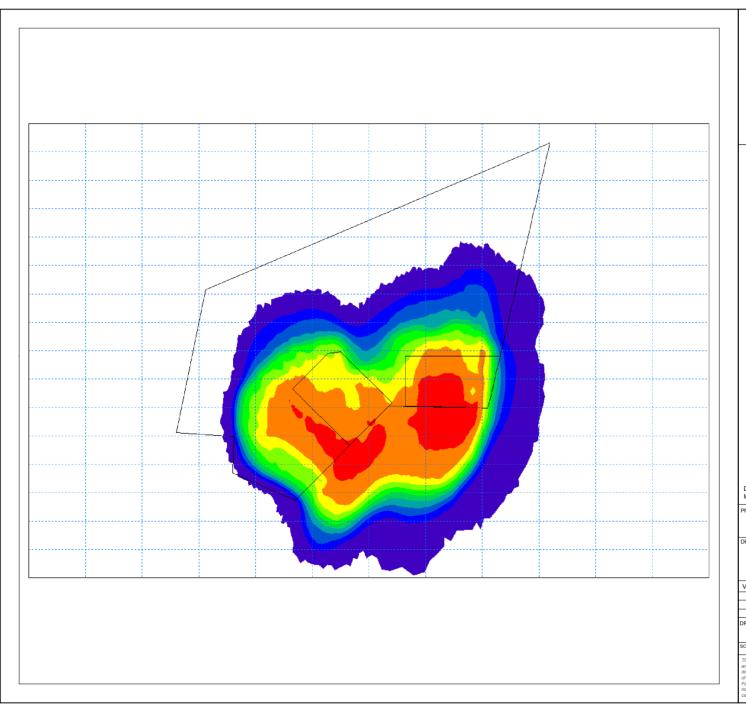
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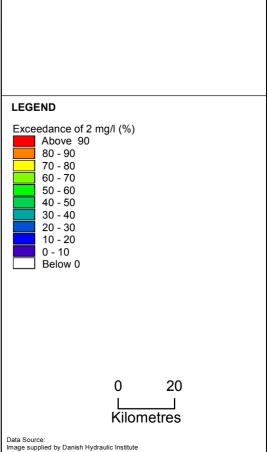
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# **DOGGER BANK TEESSIDE A & B**

DRAWING TITLE Figure 5.20 Percentage of Time Predicted over the Simulation Period where SSC of 2mg/l is exceeded in the Bottom Layer after Two Years of Operation using the Re-suspension of Fractions 1 and 2 Method

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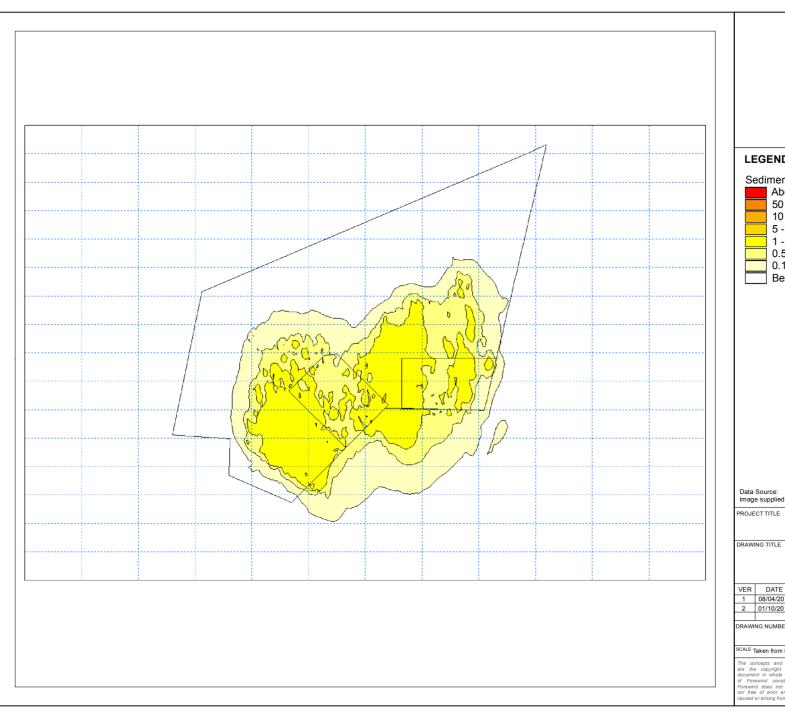
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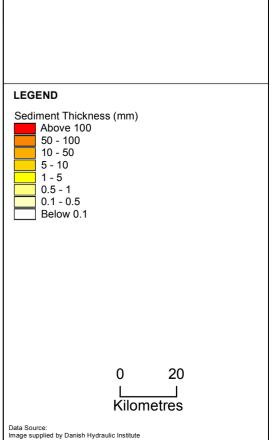
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# **DOGGER BANK TEESSIDE A & B**

Figure 5.21 Maximum Deposition Predicted over the Simulation Period after Two Years of Operation using the Re-suspension of Fractions 1 and 2 Method

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2	01/10/2013	Final	LW	DB

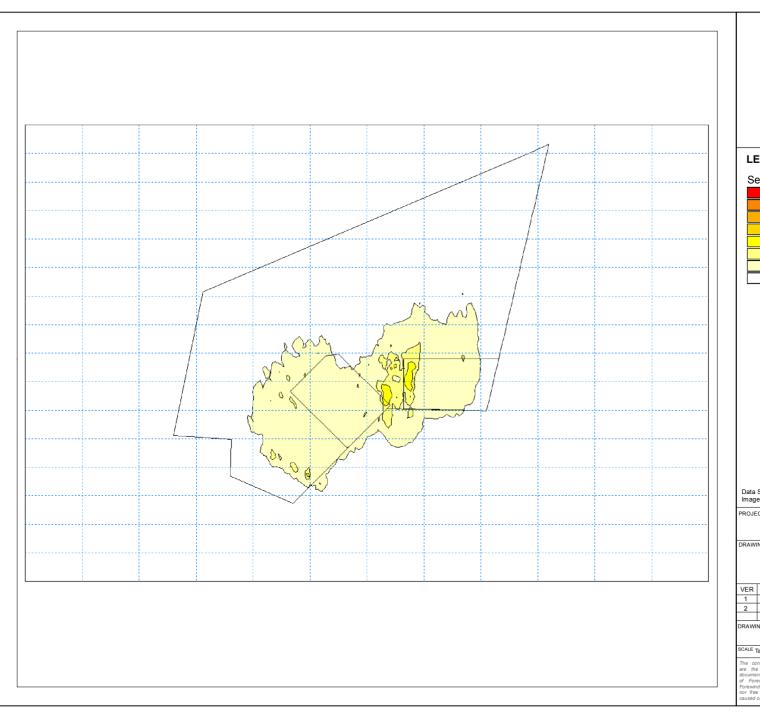
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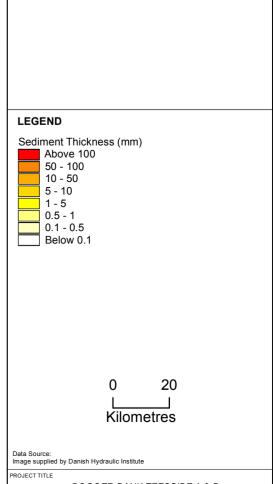
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Figure 5.22 Average Deposition Predicted over the Simulation Period after Two Years of Operation using the Re-suspension of Fractions 1 and 2 Method

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2	01/10/2013	Final	LW	DB

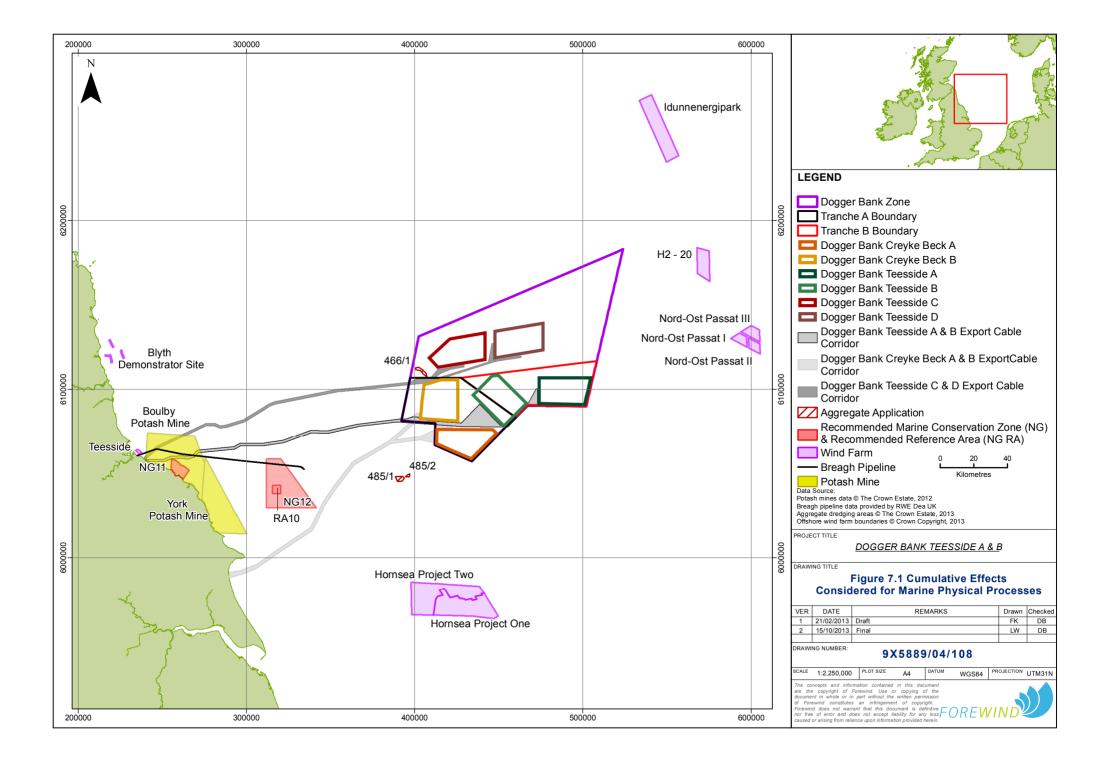
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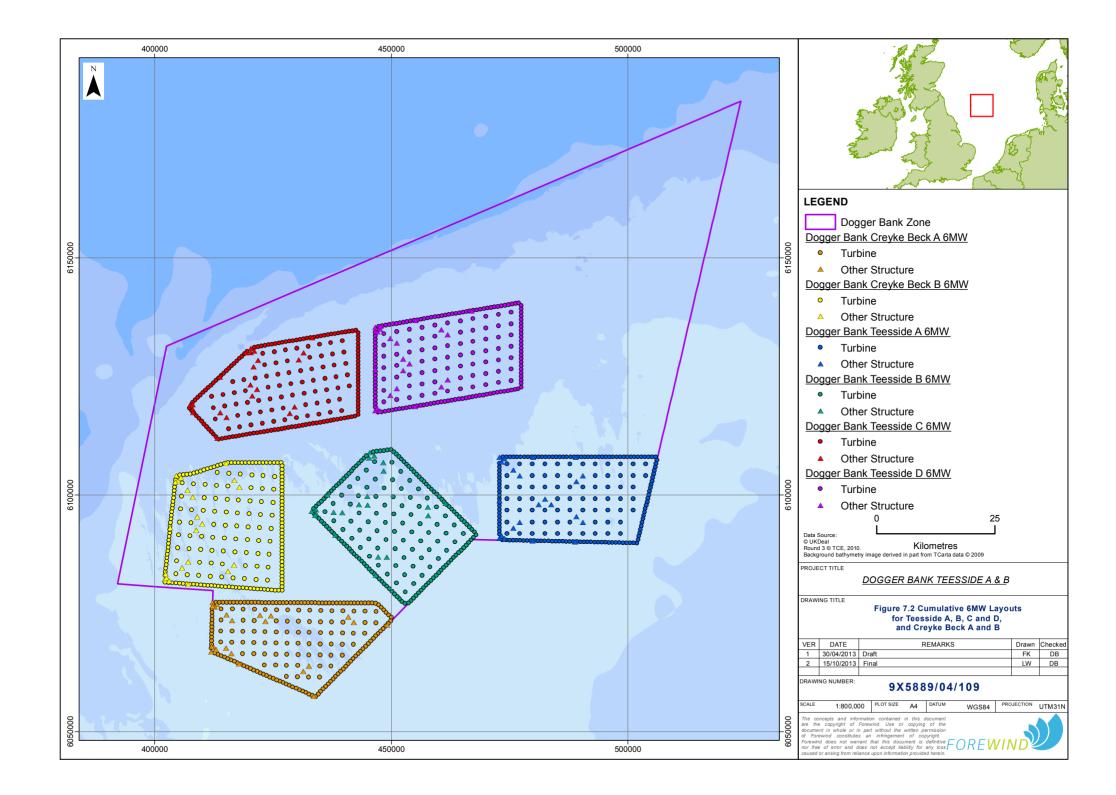
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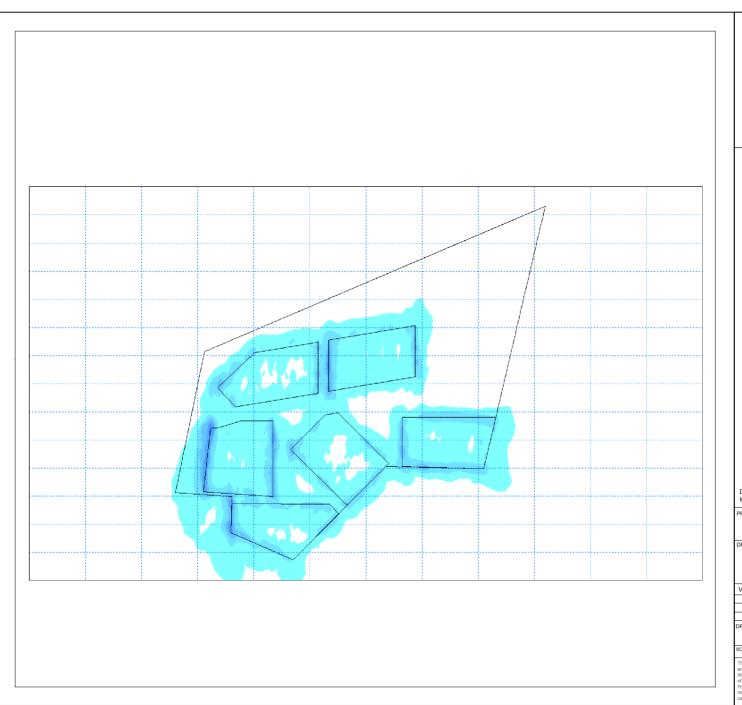
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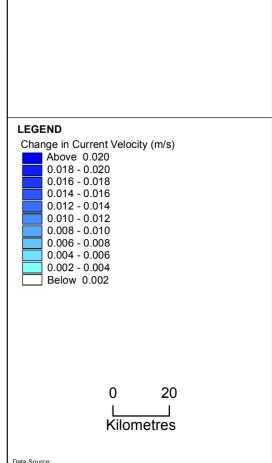
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### **DOGGER BANK TEESSIDE A & B**

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Figure 7.3 Maximum Predicted Cumulative Change in Depth-averaged Tidal Current Velocity
Caused by 6MW Conical GBS#1 Foundations

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2	01/10/2013	Final	LW	DB

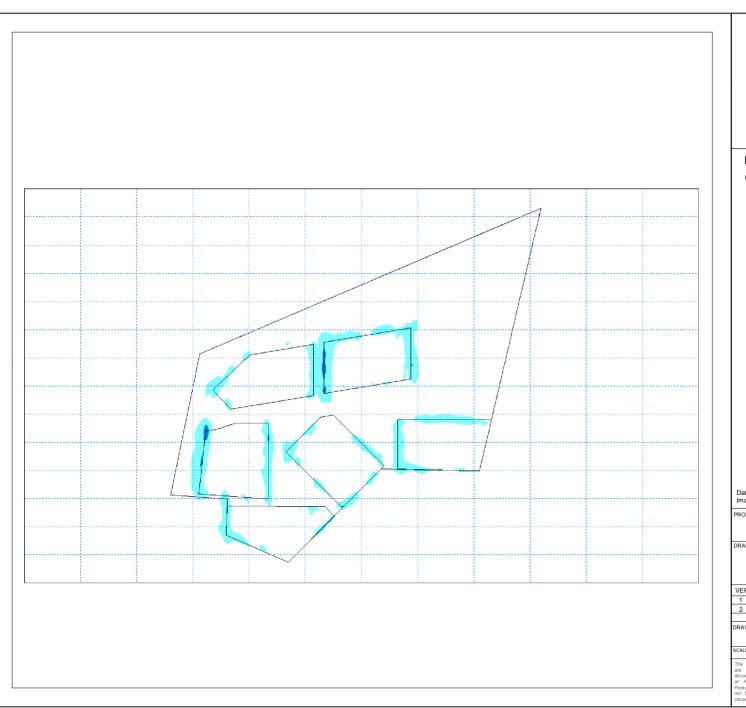
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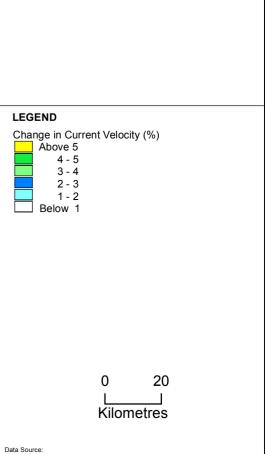


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### **DOGGER BANK TEESSIDE A & B**

DRAWING TITLE

Figure 7.4 Maximum Percentage Cumulative Change in Depth-averaged Tidal Current Velocity
Caused by 6MW Conical GBS<sup>#</sup>1 Foundations

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1	08/04/2013	Draft	FK	DB
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