

EAST COAST MARINE MODELLING STUDY
MARITIME AREA USAGE LICENCE APPLICATION

LICENCE APPLICATION

LICENCE MAPS AND SITE LAYOUT MAPS

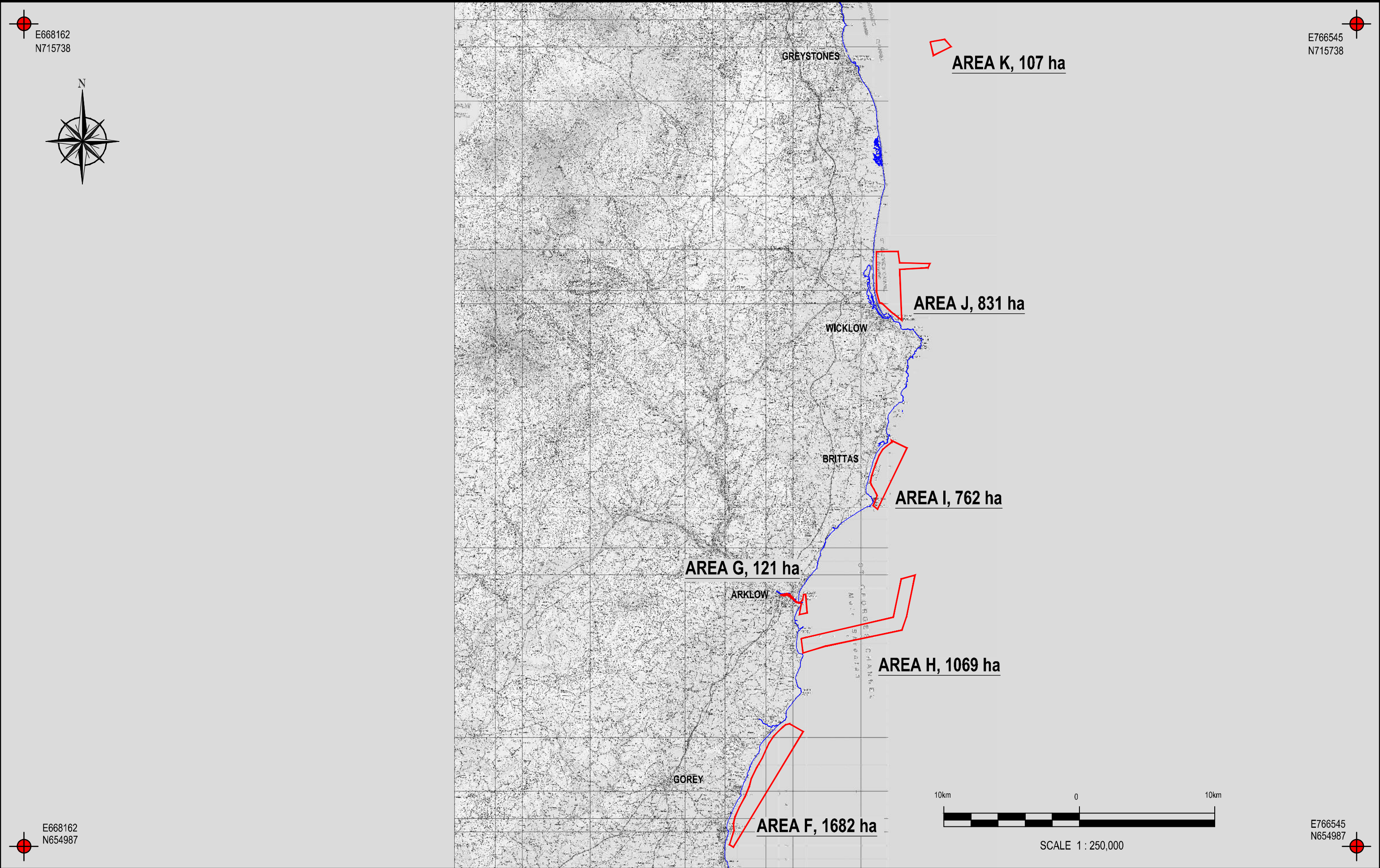
OCTOBER 2024

EAST COAST MARINE MODELLING STUDY

MARITIME AREA USAGE LICENCE APPLICATION

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20952-FL-EC-124	PLAN AND ELEVATION OF STRUCTURE - REF : MUL240026



APPROVED BY:

Project Engineer,
for

LEGEND
MARITIME AREA USAGE LICENCE AREA
ITM GRID COORDINATE INTERSECT
HIGH WATER MARK (HWM)

GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Ellipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

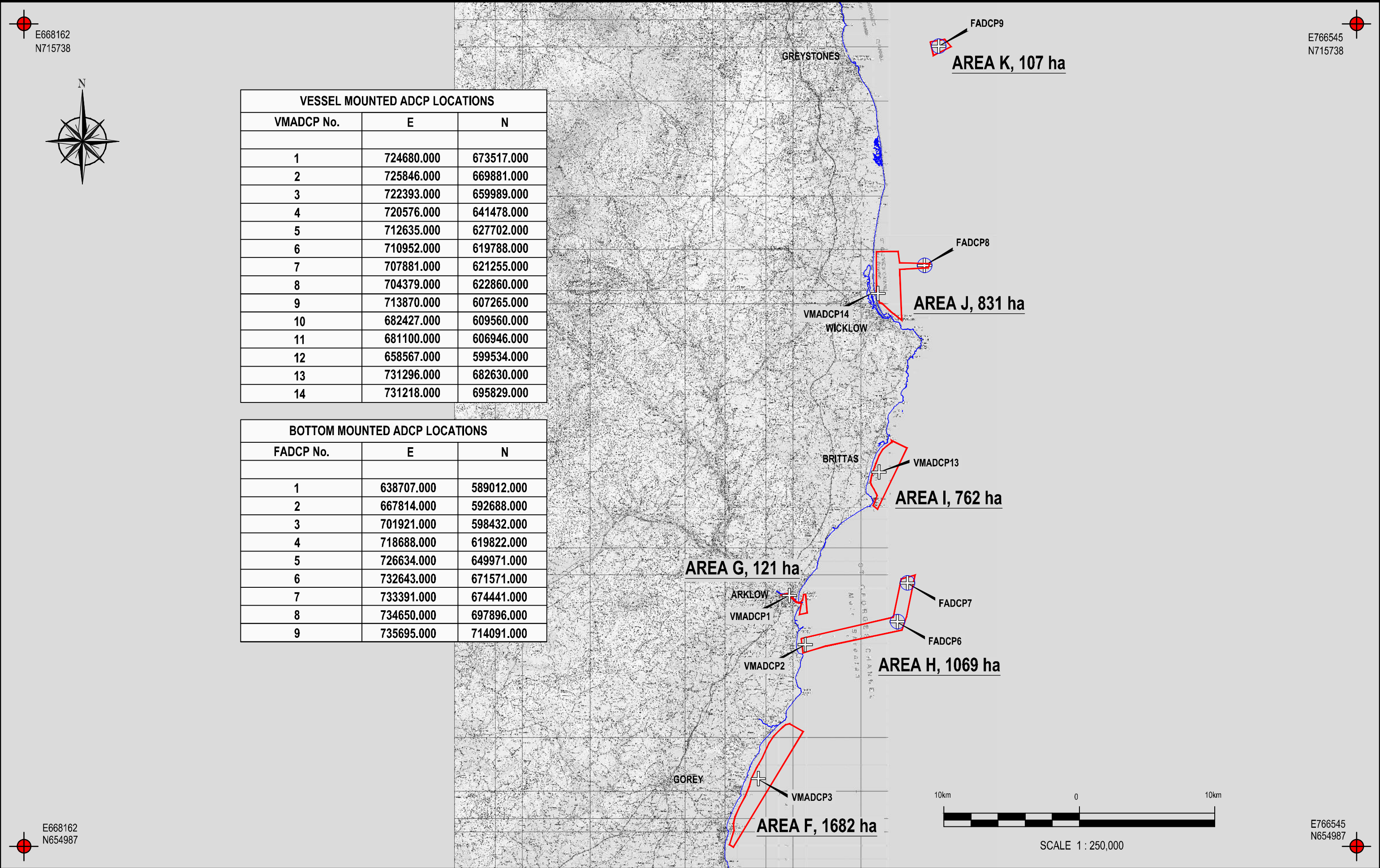
PROJECT TITLE
UISCE ÉIREANN ADCP SURVEYS

REV	DATE	DESCRIPTION	D	C	A
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD

TITLE
LICENCE MAP
AREA F TO K
REF : MUL240026

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DRAWING NO.	20952-FL-EC-100	REV	1	



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Project Engineer,
for

MSC PHD, MCIVEM C, WEM

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MARITIME AREA USAGE LICENCE AREA

ITM GRID COORDINATE INTERSECT

HIGH WATER MARK (HWM)

INDICATIVE VESSEL BASED ADCP SURVEY LOCATIONS

INDICATIVE BOTTOM MOUNTED ADCP SURVEY LOCATIONS

INDICATIVE VESSEL BASED CTD SURVEY LOCATIONS

ADCP AND CTD LOCATIONS SHOWN ARE INDICATIVE ONLY AND ACTUAL ADCP AND CTD LOCATIONS MAY VARY FROM THOSE SHOWN

GEODETIC PARAMETERS :

Datum : IRENET95

Projection : TRANSVERSE MERCATOR

Ellipsoide : GRS 1980

Prime Meridian : GREENWICH

Unit : METER

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PROJECT TITLE

UISCE ÉIREANN ADCP SURVEYS

2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD
REV	DATE	DESCRIPTION	D	C	A

NICHOLAS O'DWYER

Uisce Éireann

TITLE

OVERALL SITE LOCATION MAP

EAST COAST (NORTH)

AREA F TO K

REF : MUL240026

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SCALE

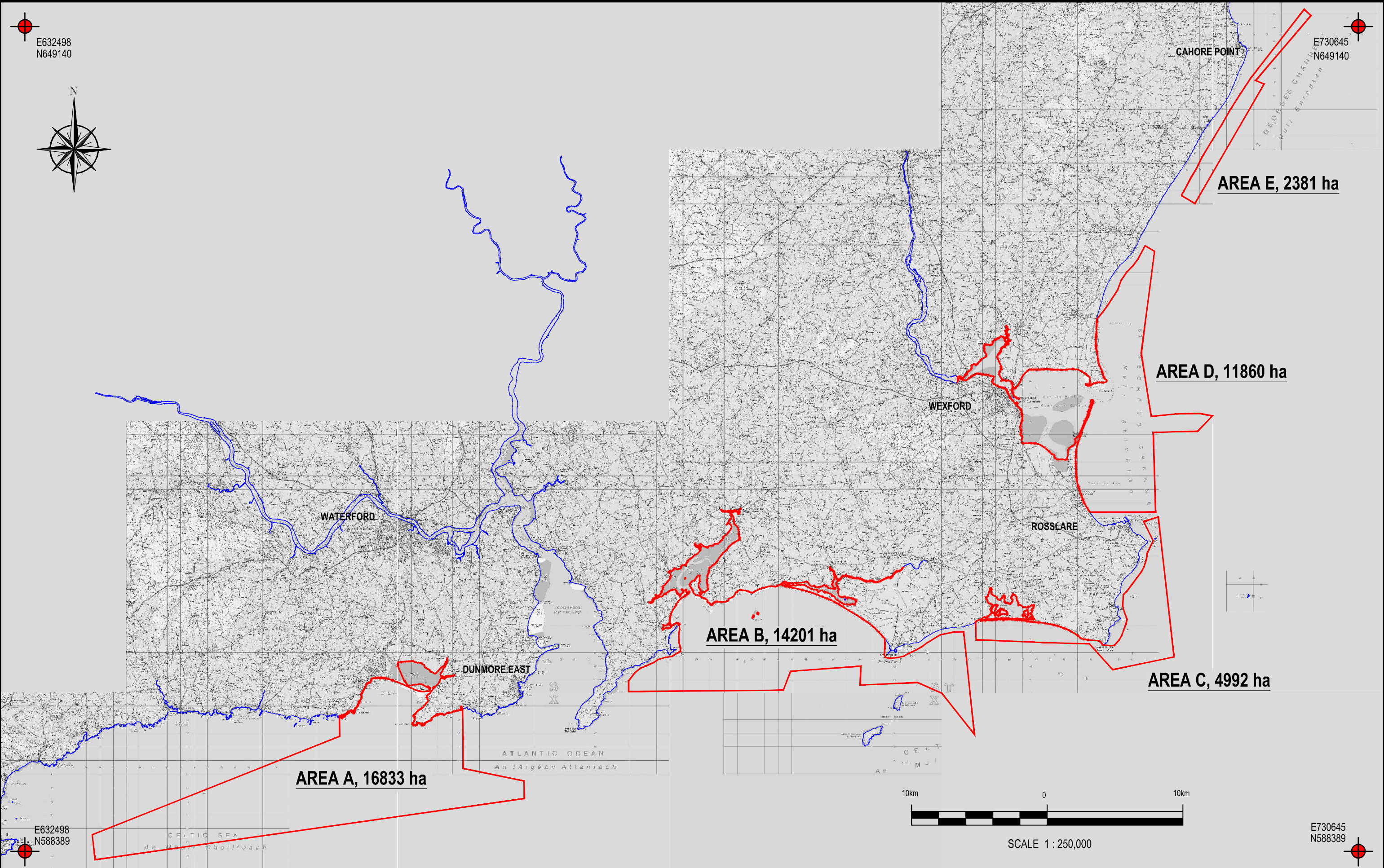
1 : 250,000

DRAWING NO.

20952-FL-EC-100A

REV

2



APPROVED BY:
[Redacted] MSC PHD, MCNEM C, WEM
Project Engineer,
for [Redacted]

LEGEND :

MARITIME AREA USAGE LICENCE AREA 

ITM GRID COORDINATE INTERSECT 

HIGH WATER MARK (HWM) 

GEODETIC PARAMETERS :
Datum : IRENET95
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Unit : METER
ESPG : 2157

PROJECT TITLE					
UISCE ÉIREANN ADCP SURVEYS					
REV	DATE	DESCRIPTION	D	C	A
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1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD

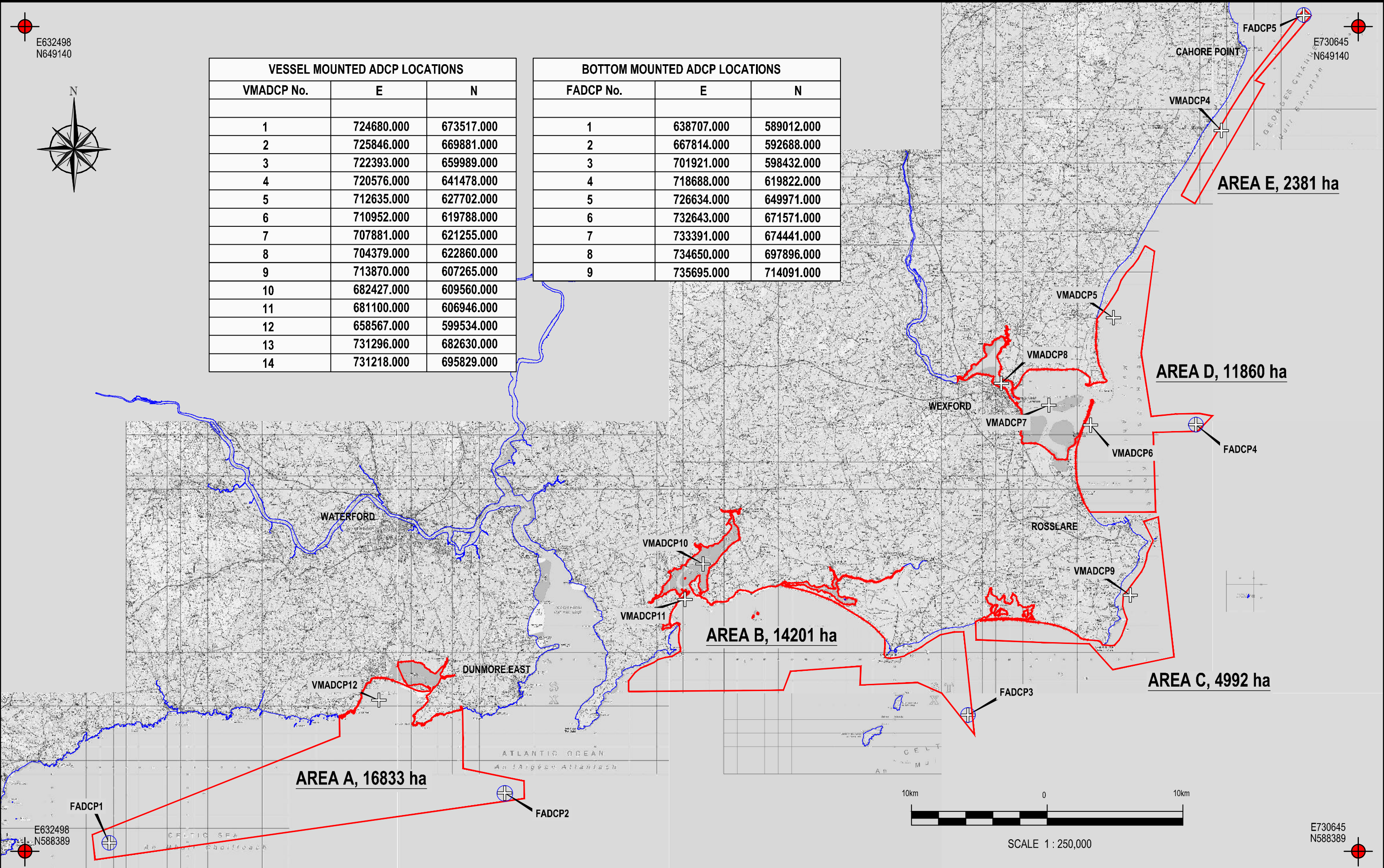
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TITLE

LICENCE MAP
AREA A TO E
REF : MUL240026

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1 : 250,000	22.04.2024	22.04.2024
DRAWING NO.	20952-FL-EC-101	
		2



VESSEL MOUNTED ADCP LOCATIONS		
VMADCP No.	E	N
1	724680.000	673517.000
2	725846.000	669881.000
3	722393.000	659989.000
4	720576.000	641478.000
5	712635.000	627702.000
6	710952.000	619788.000
7	707881.000	621255.000
8	704379.000	622860.000
9	713870.000	607265.000
10	682427.000	609560.000
11	681100.000	606946.000
12	658567.000	599534.000
13	731296.000	682630.000
14	731218.000	695829.000

BOTTOM MOUNTED ADCP LOCATIONS		
FADCP No.	E	N
1	638707.000	589012.000
2	667814.000	592688.000
3	701921.000	598432.000
4	718688.000	619822.000
5	726634.000	649971.000
6	732643.000	671571.000
7	733391.000	674441.000
8	734650.000	697896.000
9	735695.000	714091.000

APPROVED BY:

Project Engineer,
for

LEGEND

MARITIME AREA USAGE LICENCE AREA

ITM GRID COORDINATE INTERSECT

HIGH WATER MARK (HWM)

INDICATIVE VESSEL BASED ADCP SURVEY LOCATIONS

INDICATIVE BOTTOM MOUNTED ADCP SURVEY LOCATIONS

INDICATIVE VESSEL BASED CTD SURVEY LOCATIONS

ADCP AND CTD LOCATIONS SHOWN ARE INDICATIVE ONLY AND ACTUAL ADCP AND CTD LOCATIONS MAY VARY FROM THOSE SHOWN

GEODETIC PARAMETERS :

Datum : IRENET95

Projection : TRANSVERSE MERCATOR

Ellipsoide : GRS 1980

Prime Meridian : GREENWICH

Unit : METER

ESPG : 2157

PROJECT TITLE

UISCE ÉIREANN ADCP SURVEYS

2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD
REV	DATE	DESCRIPTION	D	C	A

NICHOLAS O'DWYER

Uisce Éireann

TITLE

OVERALL SITE LOCATION MAP
EAST COAST (SOUTH)
AREA F TO K
REF : MUL240026

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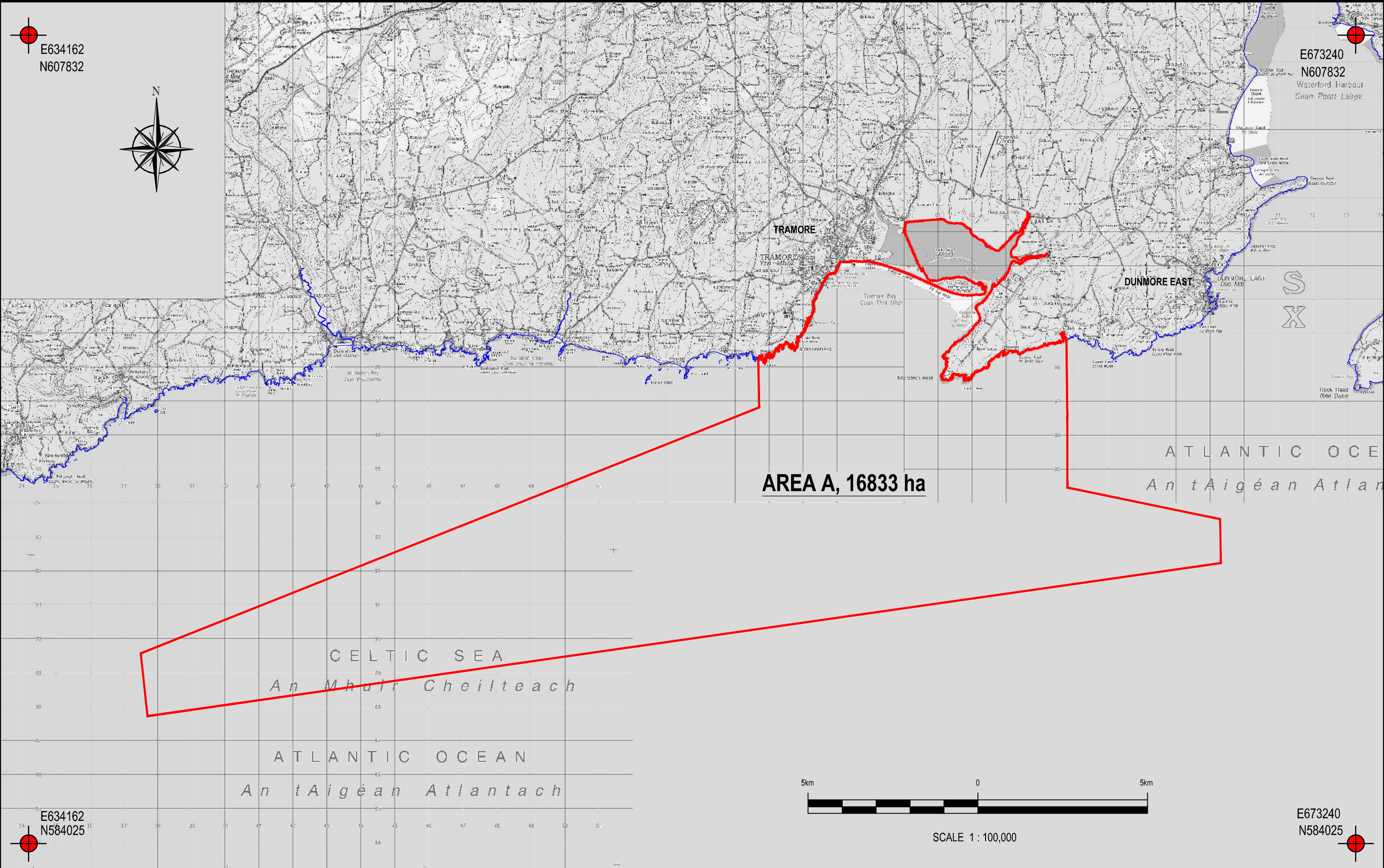
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REV: 18.06.2024

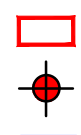
DRAWING NO. 20952-FL-EC-101A

2



APPROVED BY:
[Redacted] MSC PHD, MCINEM C.WEM
Project Engineer,
for [Redacted]

LEGEND
MARITIME AREA USAGE LICENCE AREA
ITM GRID COORDINATE INTERSECT
HIGH WATER MARK (HWM)



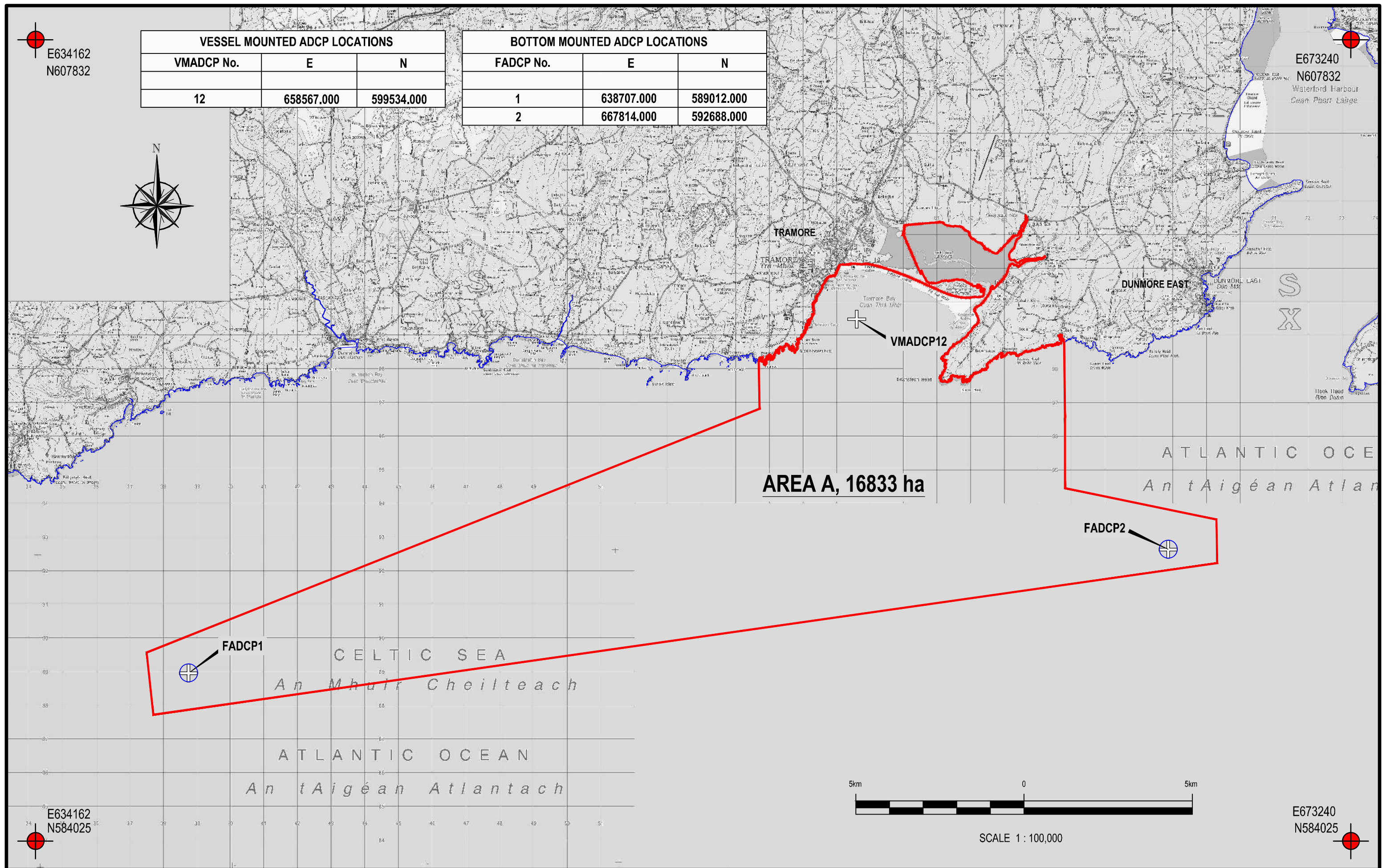
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Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Ellipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

PROJECT TITLE					
UISCE ÉIREANN ADCP SURVEYS					
REV	DATE	DESCRIPTION	D	C	A
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD



LICENCE MAP A
REF : MUL240026

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SCALE	1 : 100,000	22.04.2024	22.04.2024
DRAWING NO.	20952-FL-EC-102	REV	2



VESSEL MOUNTED ADCP LOCATIONS		
VMADCP No.	E	N
12	658567.000	599534.000

BOTTOM MOUNTED ADCP LOCATIONS		
FADCP No.	E	N
1	638707.000	589012.000
2	667814.000	592688.000

APPROVED BY:
[Signature]
SC PHD, MCINEM C.WEM
Project Engineer,
for N [Signature]

LEGEND

MARITIME AREA USAGE LICENCE AREA

ITM GRID COORDINATE INTERSECT

HIGH WATER MARK (HWM)

INDICATIVE VESSEL BASED ADCP SURVEY LOCATIONS

INDICATIVE BOTTOM MOUNTED ADCP SURVEY LOCATIONS

INDICATIVE VESSEL BASED CTD SURVEY LOCATIONS

ADCP AND CTD LOCATIONS SHOWN ARE INDICATIVE ONLY AND ACTUAL ADCP AND CTD LOCATIONS MAY VARY FROM THOSE SHOWN

GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Ellipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

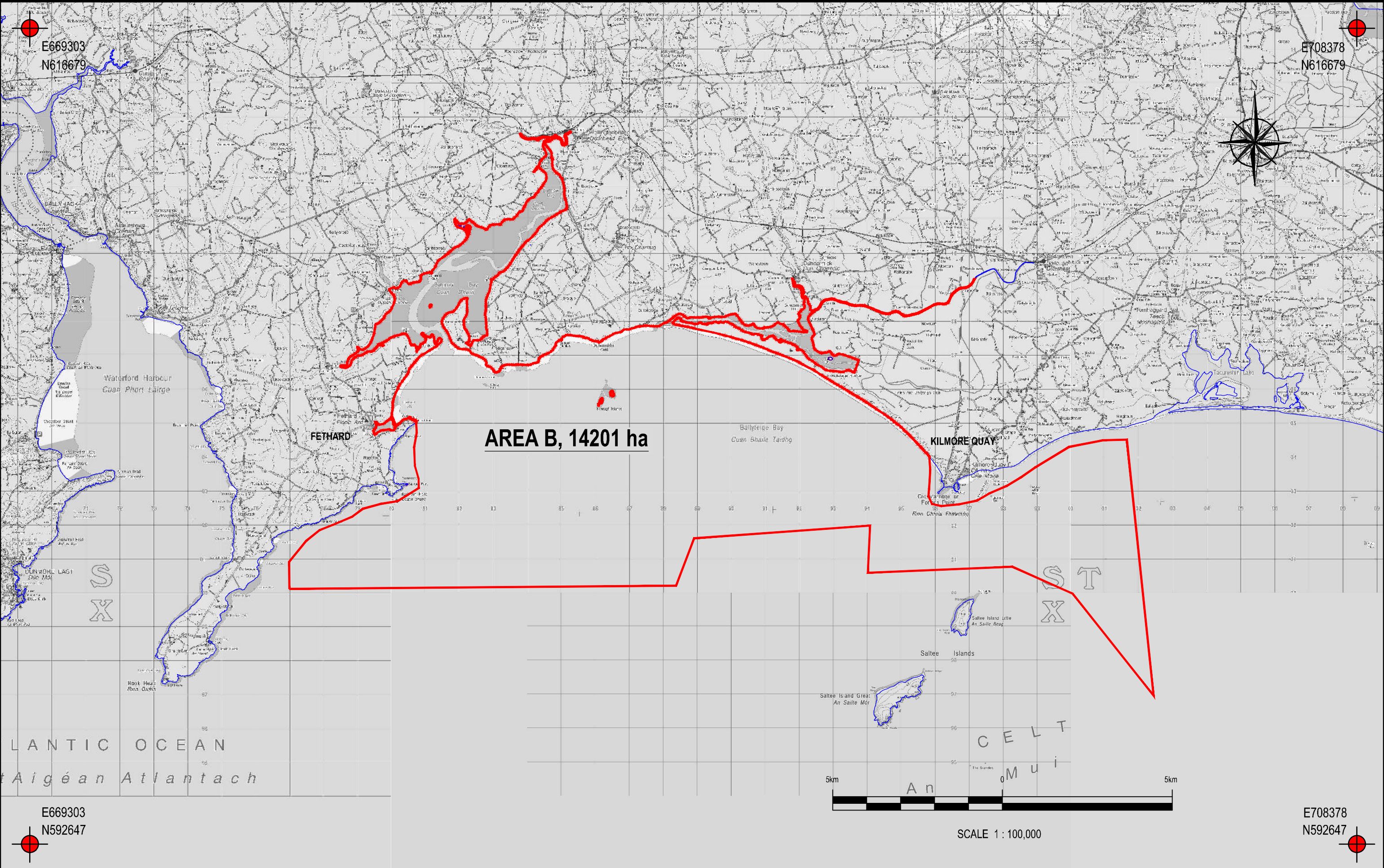
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UISCE ÉIREANN ADCP SURVEYS					
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1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD
REV	DATE	DESCRIPTION	D	C	A

SITE LAYOUT MAP A
REF : MUL240026

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20952-FL-EC-103



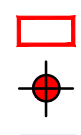
APPROVED BY:
[Redacted] MSC PHD, MCNIEM C.WEM
Project Engineer,
for [Redacted]

LEGEND

MARITIME AREA USAGE LICENCE AREA

ITM GRID COORDINATE INTERSECT

HIGH WATER MARK (HWM)



GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Elipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

PROJECT TITLE					
UISCE ÉIREANN ADCP SURVEYS					
REV	DATE	DESCRIPTION	D	C	A
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1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD



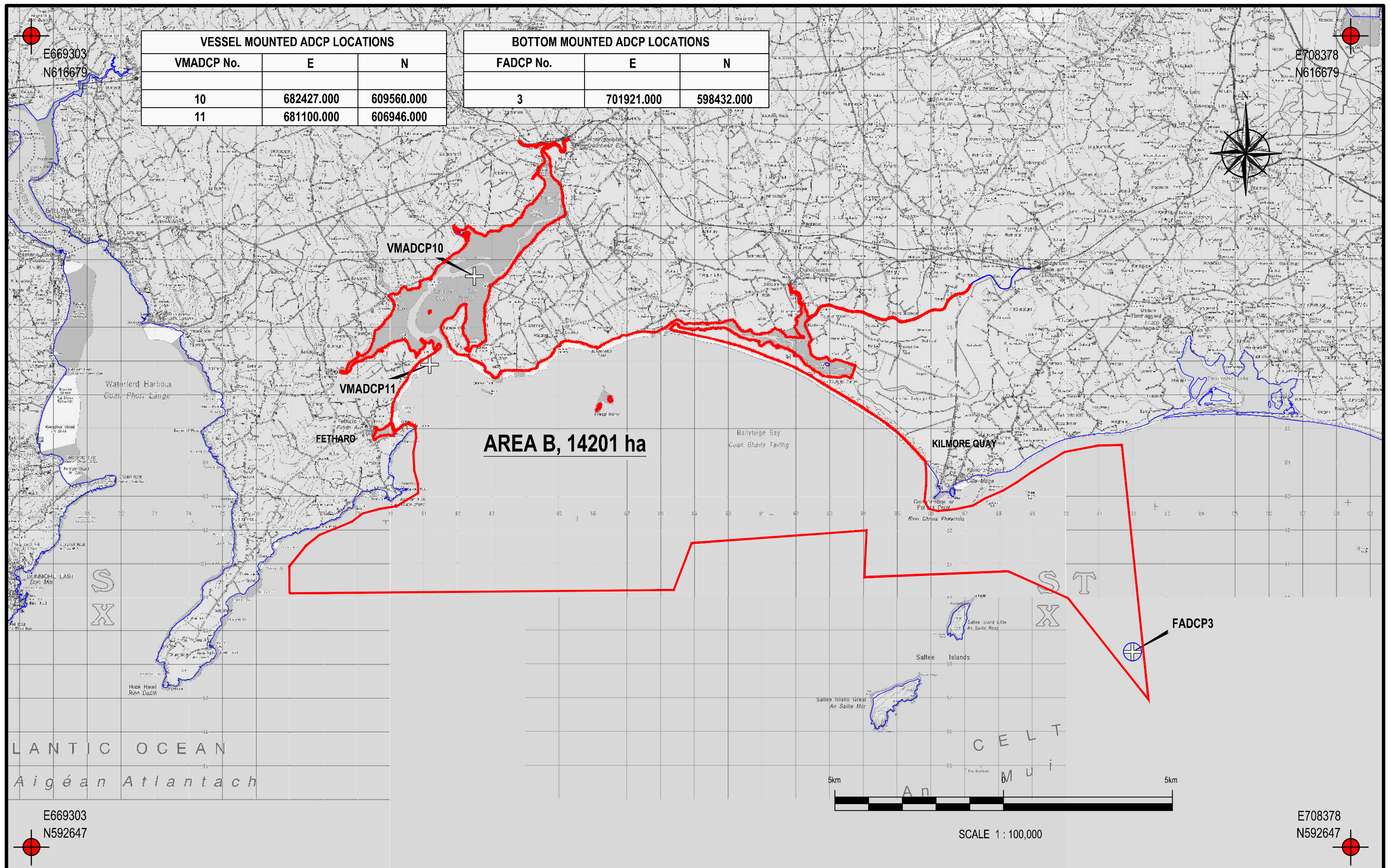
LICENCE MAP B
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20952-FL-EC-104

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2



VESSEL MOUNTED ADCP LOCATIONS		
VMADCP No.	E	N
10	682427.000	609560.000
11	681100.000	606946.000

BOTTOM MOUNTED ADCP LOCATIONS		
FADCP No.	E	N
3	701921.000	598432.000

APPROVED BY:

Project Engineer,
for

LEGEND
MARITIME AREA USAGE LICENCE AREA
ITM GRID COORDINATE INTERSECT
HIGH WATER MARK (HWM)

INDICATIVE VESSEL BASED ADCP SURVEY LOCATIONS
INDICATIVE BOTTOM MOUNTED ADCP SURVEY LOCATIONS
INDICATIVE VESSEL BASED CTD SURVEY LOCATIONS
ADCP AND CTD LOCATIONS SHOWN ARE INDICATIVE ONLY AND ACTUAL ADCP AND CTD LOCATIONS MAY VARY FROM THOSE SHOWN

GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Ellipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

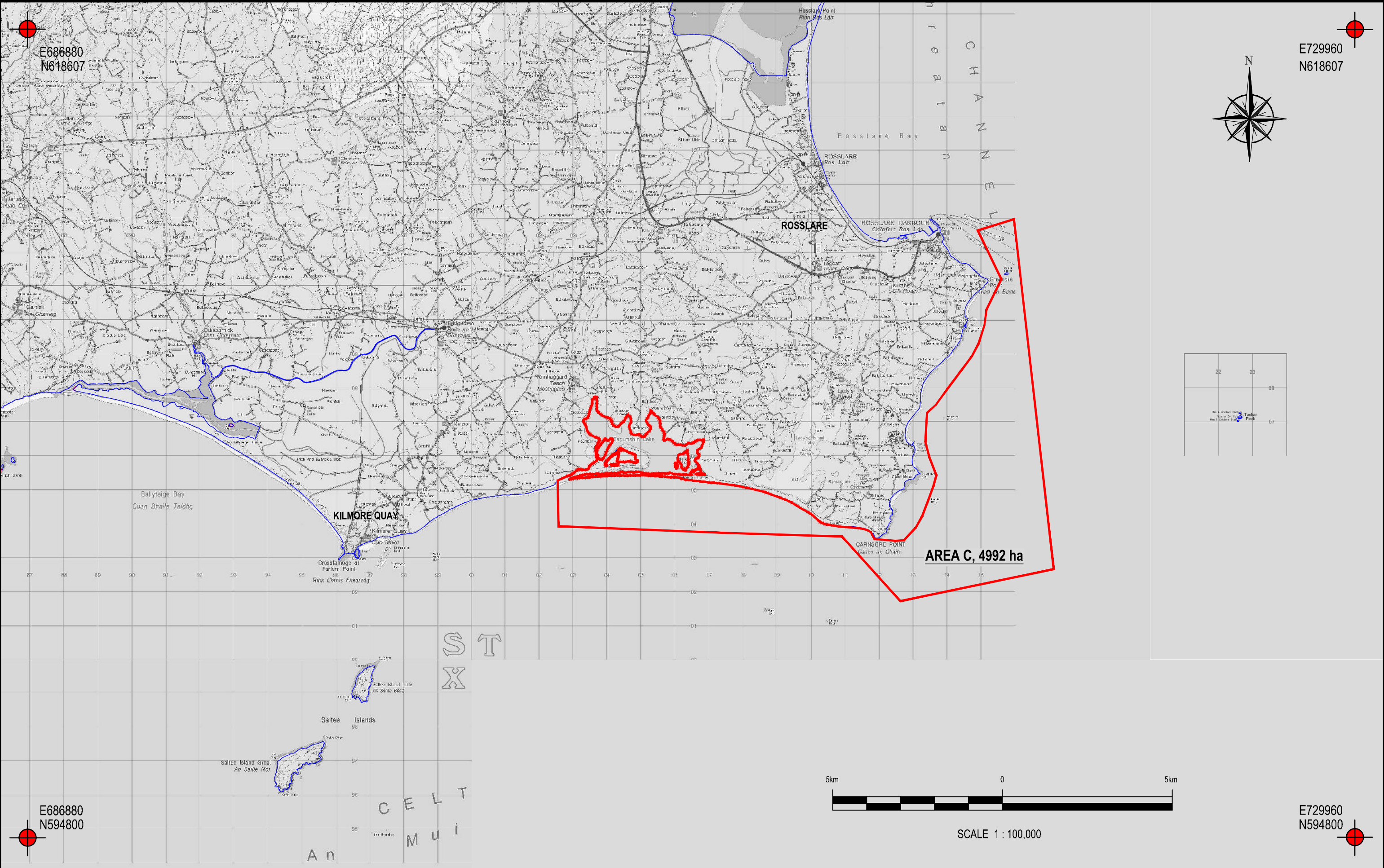
PROJECT TITLE
UISCE ÉIREANN ADCP SURVEYS

2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD
REV	DATE	DESCRIPTION	D	C	A

TITLE
SITE LAYOUT MAP B
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SCALE	1 : 100,000	DATE	22.04.2024	DATE	22.04.2024	DATE	22.04.2024
DRAWING NO.	20952-FL-EC-105	REV					



APPROVED BY:
[Redacted] MSC PHD, MCNIEM C.WEM
Project Engineer,
for [Redacted]

LEGEND

MARITIME AREA USAGE LICENCE AREA

ITM GRID COORDINATE INTERSECT

HIGH WATER MARK (HWM)



GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Ellipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

PROJECT TITLE				
UISCE ÉIREANN ADCP SURVEYS				
REV	DATE	DESCRIPTION	D	C
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA



LICENCE MAP C
REF : MUL240026

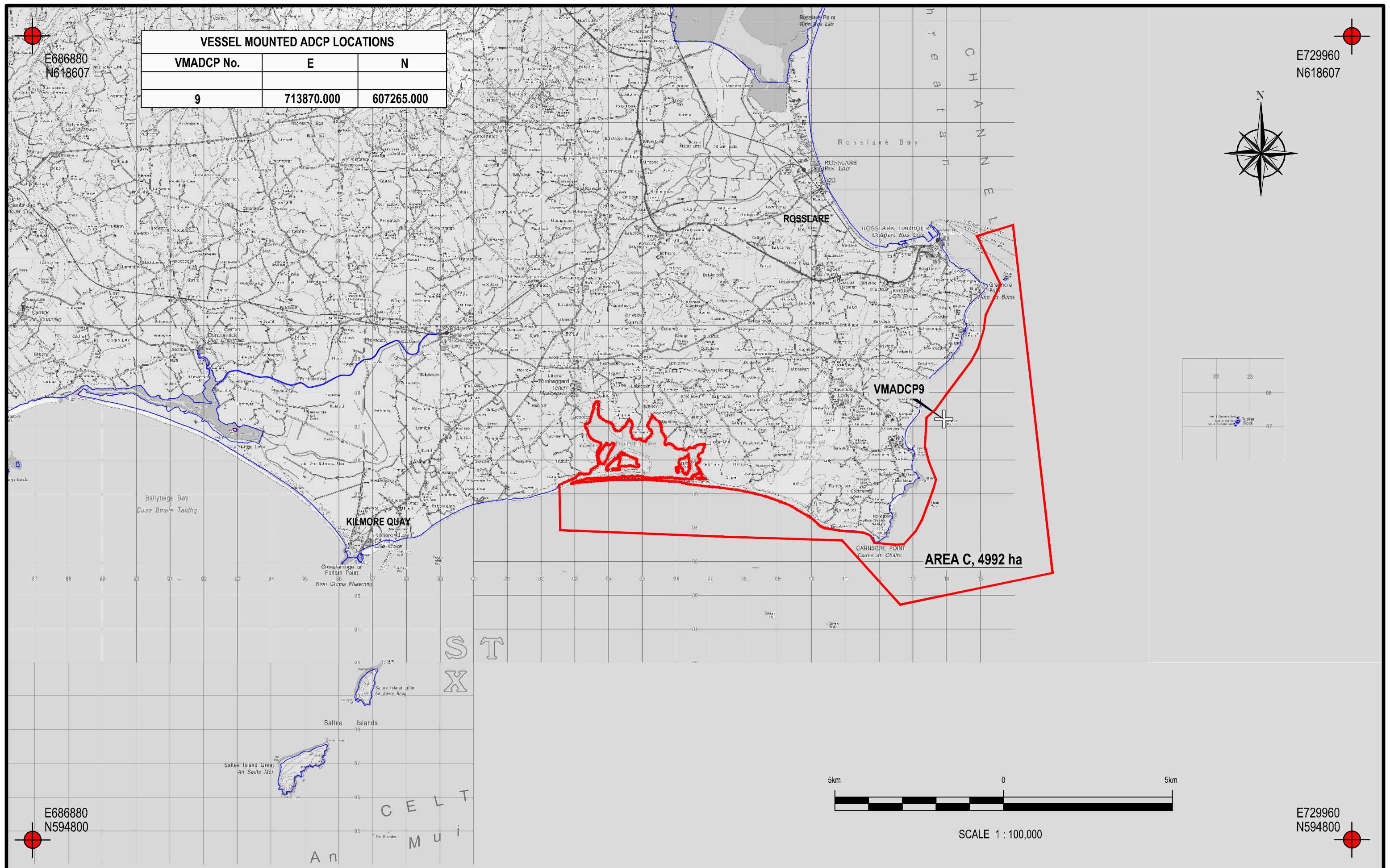
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20952-FL-EC-106

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2

VESSEL MOUNTED ADCP LOCATIONS		
VMADCP No.	E	N
9	713870.000	607265.000



LEGEND

- MARITIME AREA USAGE LICENCE AREA
- ITM GRID COORDINATE INTERSECT
- HIGH WATER MARK (HWM)

- INDICATIVE VESSEL BASED ADCP SURVEY LOCATIONS
- INDICATIVE BOTTOM MOUNTED ADCP SURVEY LOCATIONS
- INDICATIVE VESSEL BASED CTD SURVEY LOCATIONS
- ADCP AND CTD LOCATIONS SHOWN ARE INDICATIVE ONLY AND ACTUAL ADCP AND CTD LOCATIONS MAY VARY FROM THOSE SHOWN

GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Elipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

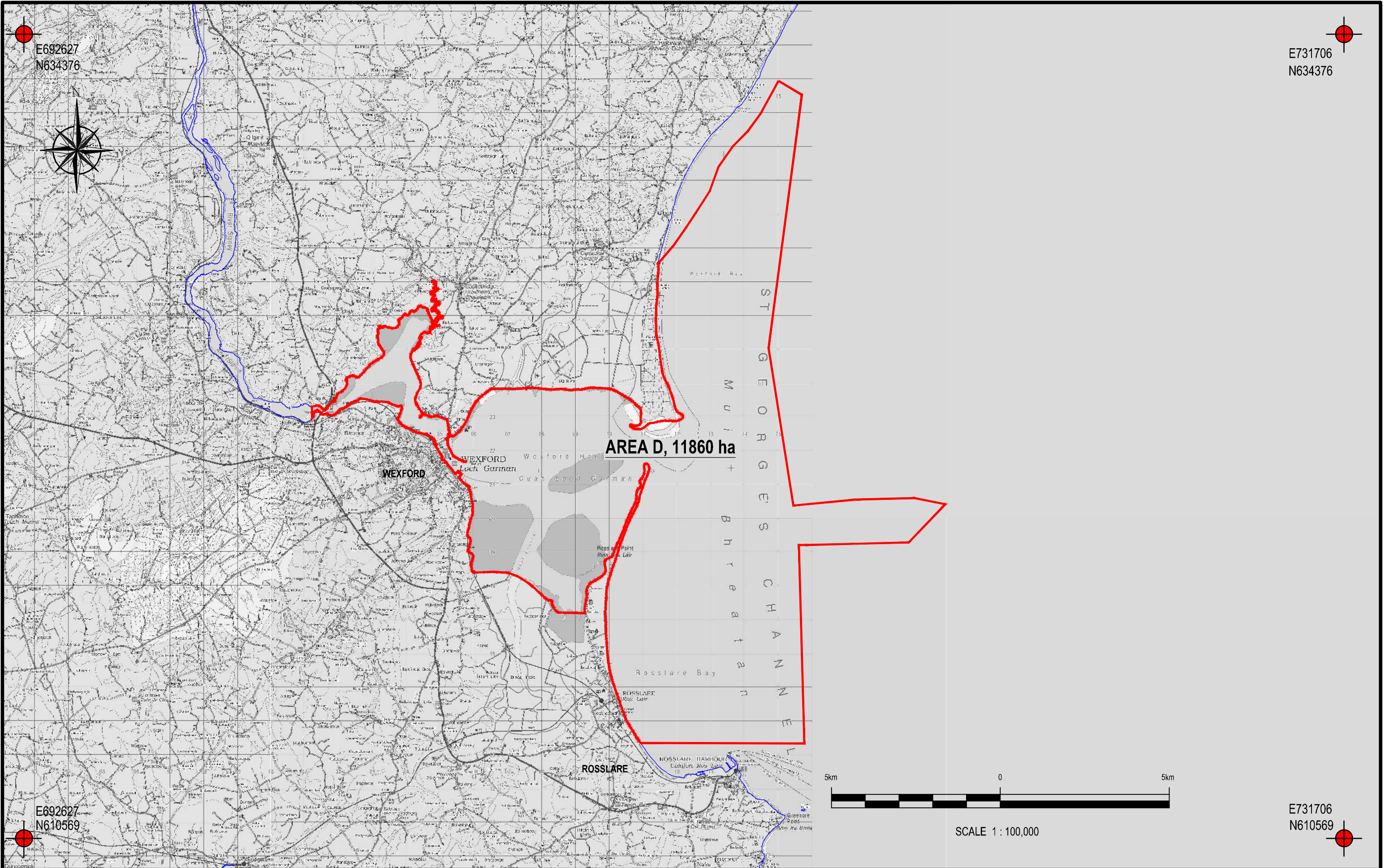
UISCE ÉIREANN ADCP SURVEYS

REV	DATE	DESCRIPTION	D	C	A
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD



SITE LAYOUT MAP C
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SCALE 1 : 100,000	22.04.2024 22.04.2024 22.04.2024
DRAWING NO. 20952-FL-EC-107	REV 2



APPROVED BY:
MSC PHD, MCNIEM C.WEM
Project Engineer,
for

LEGEND
MARITIME AREA USAGE LICENCE AREA
ITM GRID COORDINATE INTERSECT
HIGH WATER MARK (HWM)

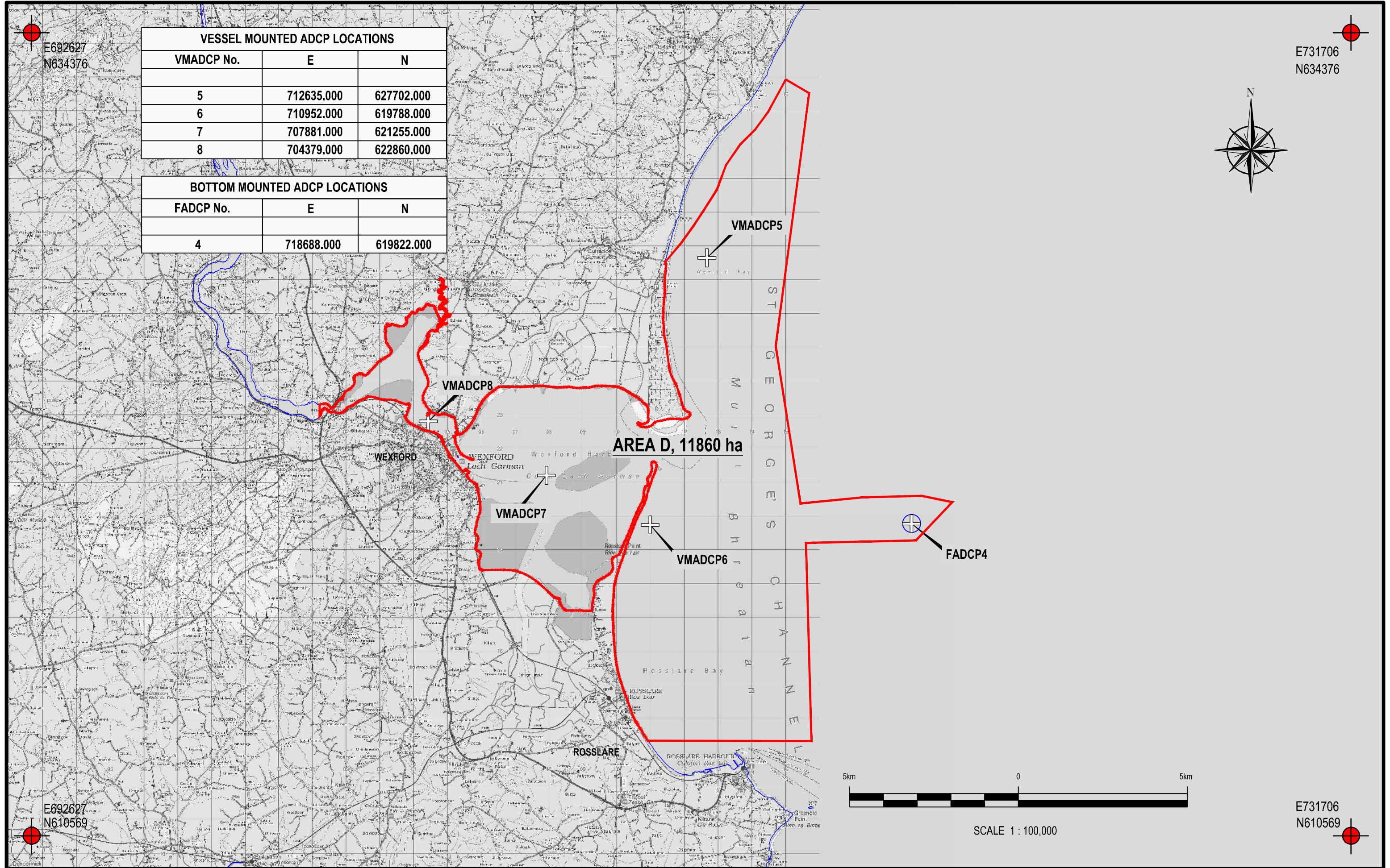
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Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Ellipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

PROJECT TITLE					
UISCE ÉIREANN ADCP SURVEYS					
REV	DATE	DESCRIPTION	D	C	A
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD



TITLE
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REV 2



APPROVED BY:
[Signature] MSC PHD, MCNIEM C.WEM
Project Engineer,
for [Signature]

LEGEND

MARITIME AREA USAGE LICENCE AREA

ITM GRID COORDINATE INTERSECT

HIGH WATER MARK (HWM)

INDICATIVE VESSEL BASED ADCP SURVEY LOCATIONS

INDICATIVE BOTTOM MOUNTED ADCP SURVEY LOCATIONS

INDICATIVE VESSEL BASED CTD SURVEY LOCATIONS

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GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Ellipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

PROJECT TITLE				
UISCE ÉIREANN ADCP SURVEYS				
REV	DATE	DESCRIPTION	D	C
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA

TITLE
SITE LAYOUT MAP D
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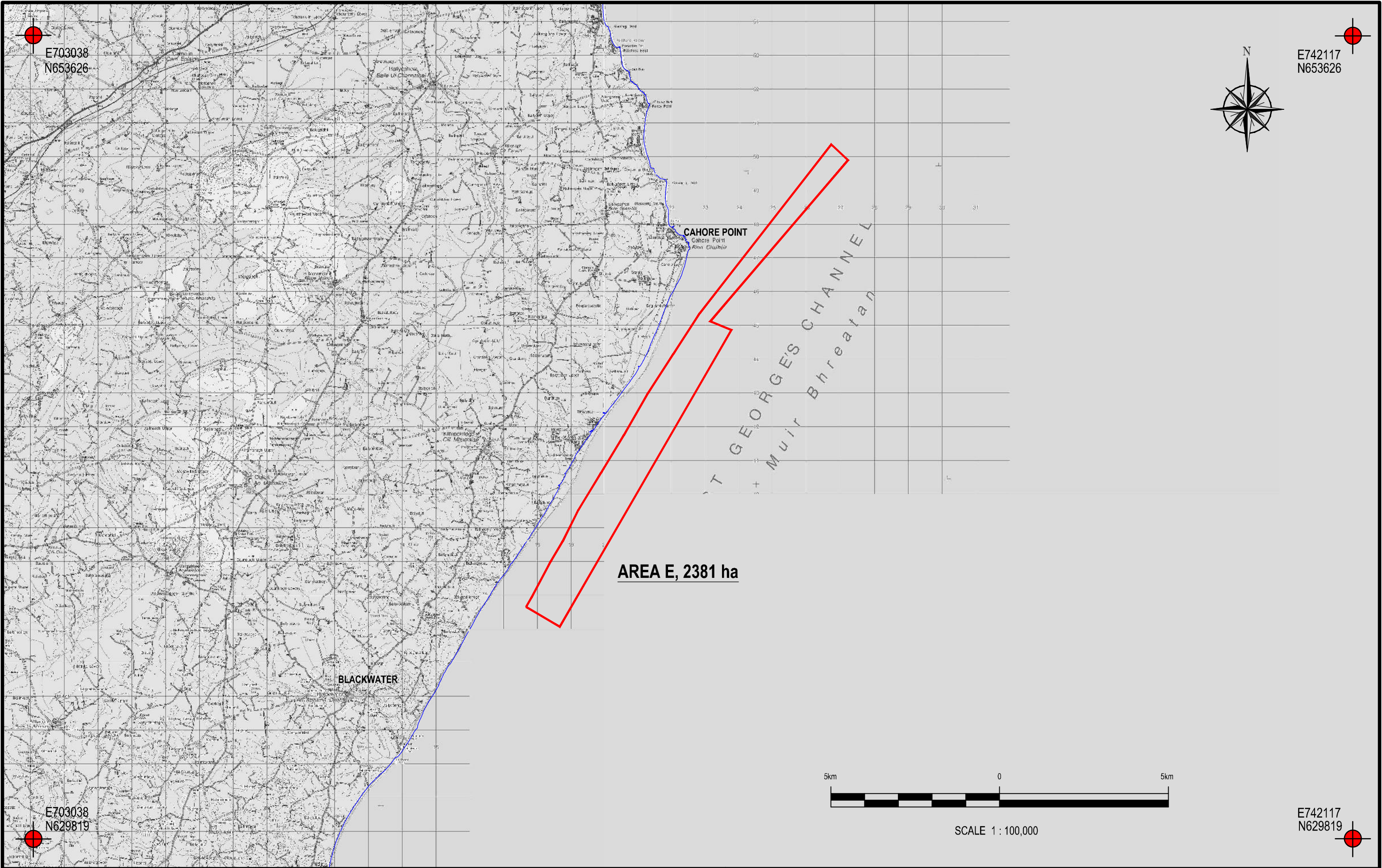
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20952-FL-EC-109

REV

2



APPROVED BY:
[Redacted] /SC PHD, MCNIEM C.WEM
Project Engineer,
for [Redacted]

LEGEND

MARITIME AREA USAGE LICENCE AREA

ITM GRID COORDINATE INTERSECT

HIGH WATER MARK (HWM)

GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
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Prime Meridian : GREENWICH
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ESPG : 2157

PROJECT TITLE					
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2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD
REV	DATE	DESCRIPTION	D	C	A

NICHOLAS O'DWYER

Uisce Éireann

TITLE

LICENCE MAP E
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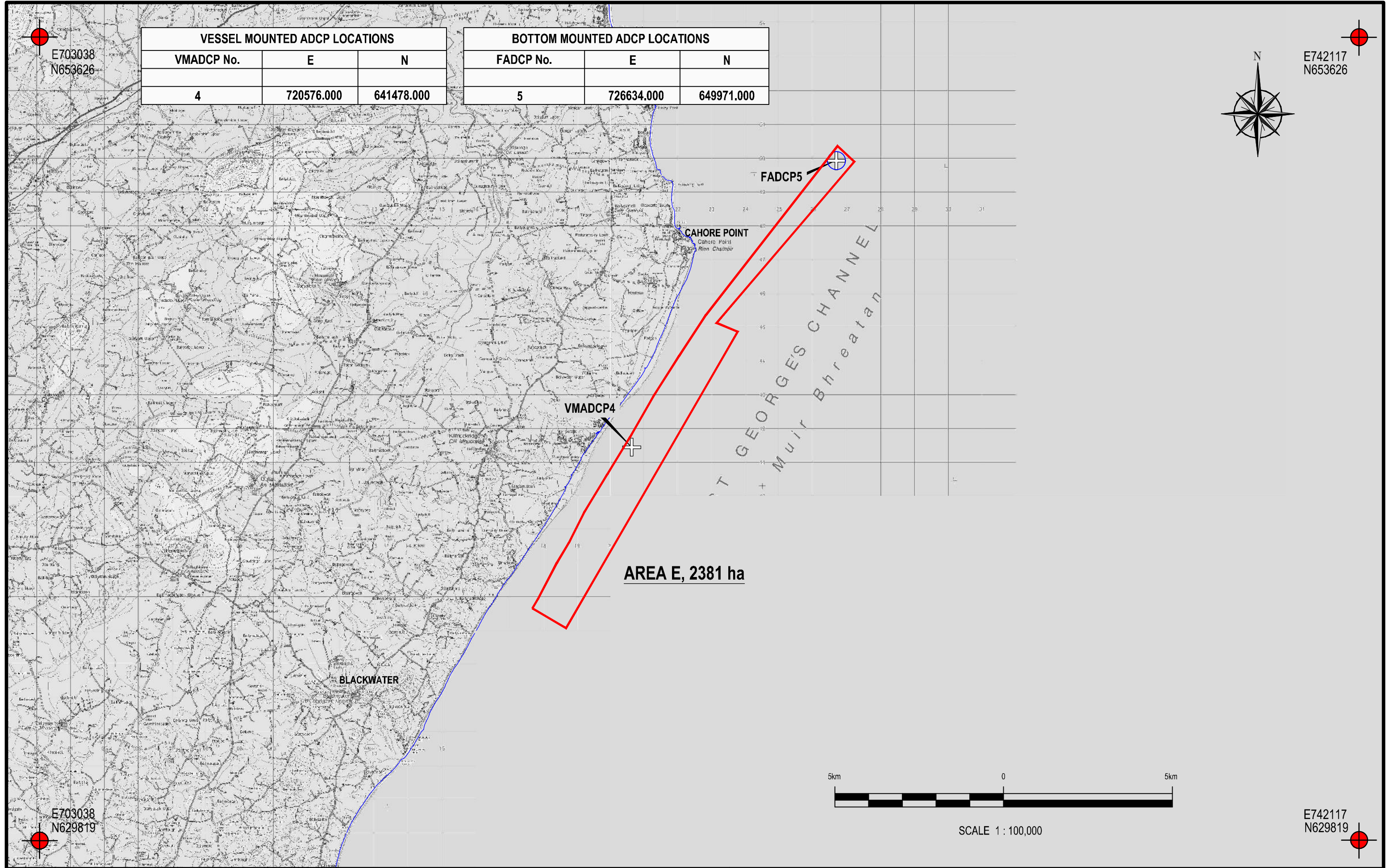
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SCALE: 1 : 100,000

22.04.2024 | 22.04.2024 | 22.04.2024

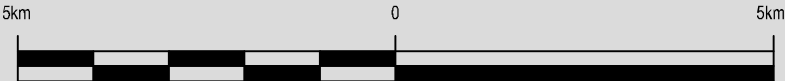
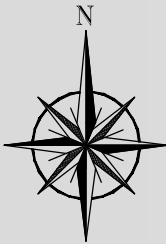
DRAWING NO. 20952-FL-EC-110

REV 2



VESSEL MOUNTED ADCP LOCATIONS		
VMADCP No.	E	N
4	720576.000	641478.000

BOTTOM MOUNTED ADCP LOCATIONS		
FADCP No.	E	N
5	726634.000	649971.000



SCALE 1 : 100,000

APPROVED BY:
MSC PHD, MCNIEM C.WEM
Project Engineer,
for

LEGEND

MARITIME AREA USAGE LICENCE AREA

ITM GRID COORDINATE INTERSECT

HIGH WATER MARK (HWM)

INDICATIVE VESSEL BASED ADCP SURVEY LOCATIONS

INDICATIVE BOTTOM MOUNTED ADCP SURVEY LOCATIONS

INDICATIVE VESSEL BASED CTD SURVEY LOCATIONS

ADCP AND CTD LOCATIONS SHOWN ARE INDICATIVE ONLY AND ACTUAL ADCP AND CTD LOCATIONS MAY VARY FROM THOSE SHOWN

GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Ellipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

PROJECT TITLE					
UISCE ÉIREANN ADCP SURVEYS					
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD
REV	DATE	DESCRIPTION	D	C	A

SITE LAYOUT MAP E
REF : MUL240026

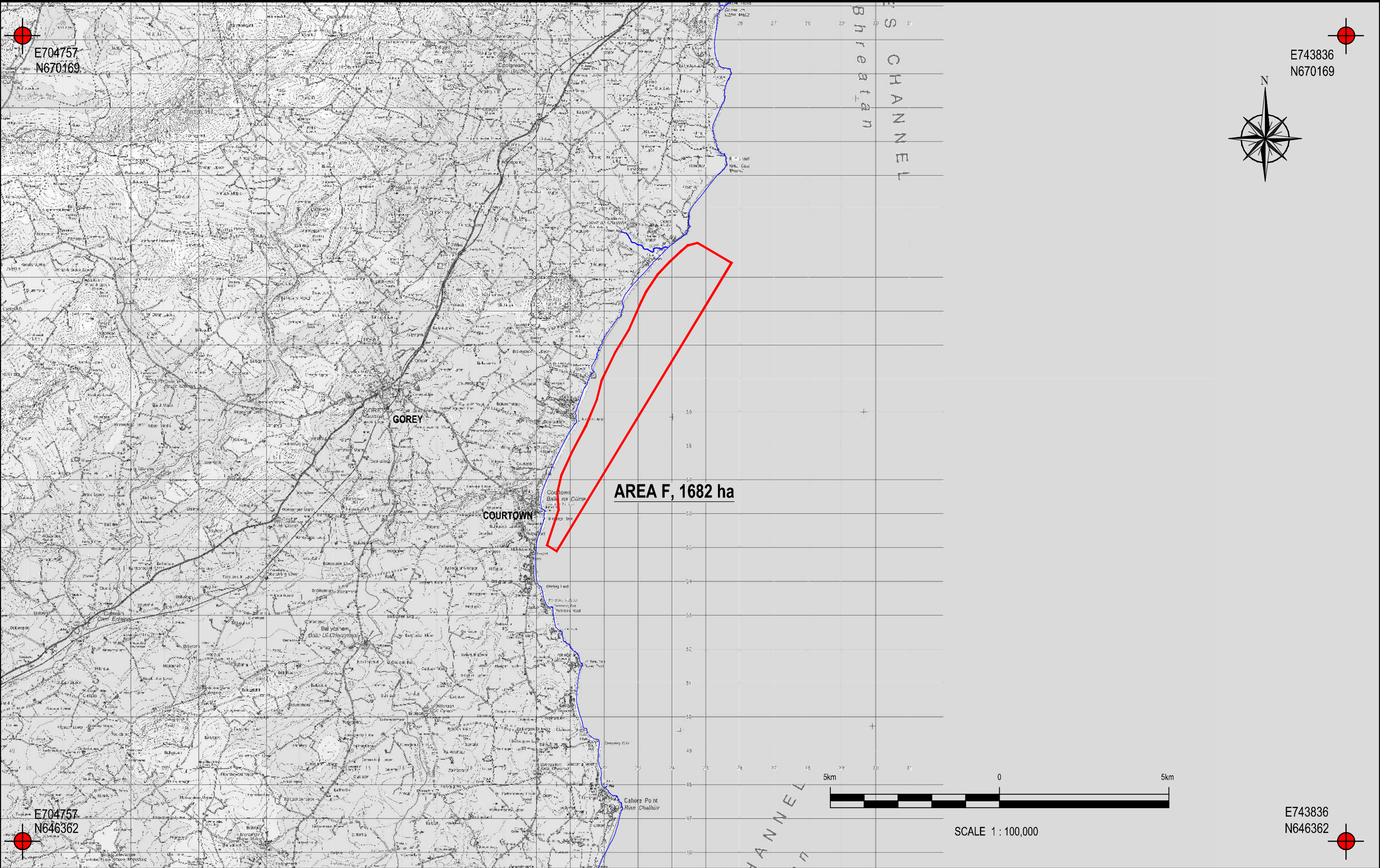
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SCALE: 1 : 100,000

22.04.2024 | 22.04.2024 | 22.04.2024

DRAWING NO. 20952-FL-EC-111

REV 2



APPROVED BY:
[Signature] SC PHD, MCINEM C.WEM
Project Engineer,
for [Signature]

LEGEND

MARITIME AREA USAGE LICENCE AREA 

ITM GRID COORDINATE INTERSECT 

HIGH WATER MARK (HWM) 

GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Ellipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

PROJECT TITLE					
UISCE ÉIREANN ADCP SURVEYS					
REV	DATE	DESCRIPTION	D	C	A
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD

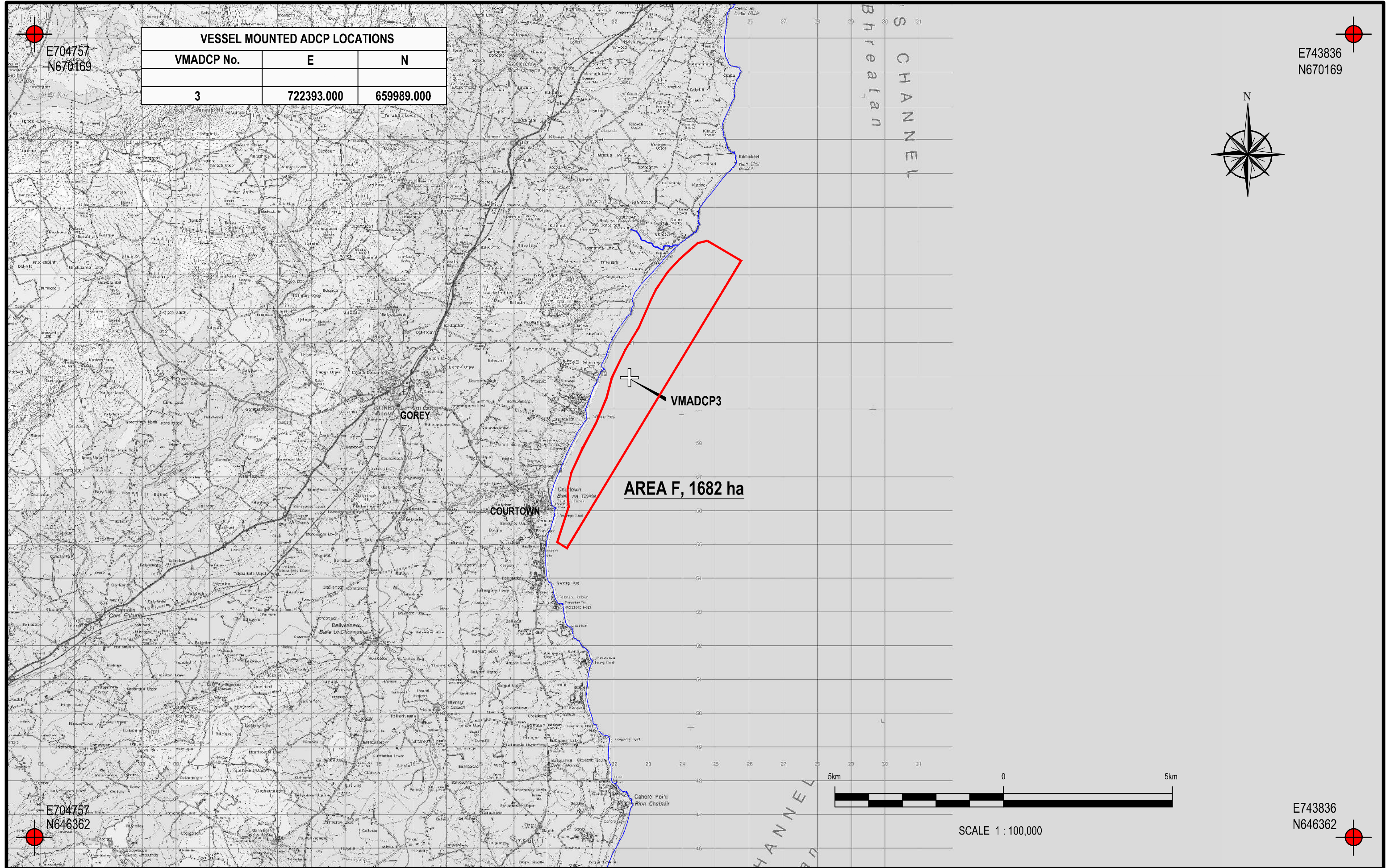



TITLE
LICENCE MAP F
REF : MUL240026

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SCALE	1 : 100,000
DATE	22.04.2024
REV	2

DRAWING NO. **20952-FL-EC-112**



APPROVED BY:
[Signature]
Project Engineer,
for [Signature]

LEGEND

MARITIME AREA USAGE LICENCE AREA

ITM GRID COORDINATE INTERSECT

HIGH WATER MARK (HWM)

INDICATIVE VESSEL BASED ADCP SURVEY LOCATIONS

INDICATIVE BOTTOM MOUNTED ADCP SURVEY LOCATIONS

INDICATIVE VESSEL BASED CTD SURVEY LOCATIONS

ADCP AND CTD LOCATIONS SHOWN ARE INDICATIVE ONLY AND ACTUAL ADCP AND CTD LOCATIONS MAY VARY FROM THOSE SHOWN

GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Ellipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

PROJECT TITLE									
UISCE ÉIREANN ADCP SURVEYS									
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD				
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD				
REV	DATE	DESCRIPTION	D	C	A				

TITLE
SITE LAYOUT MAP F
REF : MUL240026

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SCALE 1 : 100,000

20952-FL-EC-113

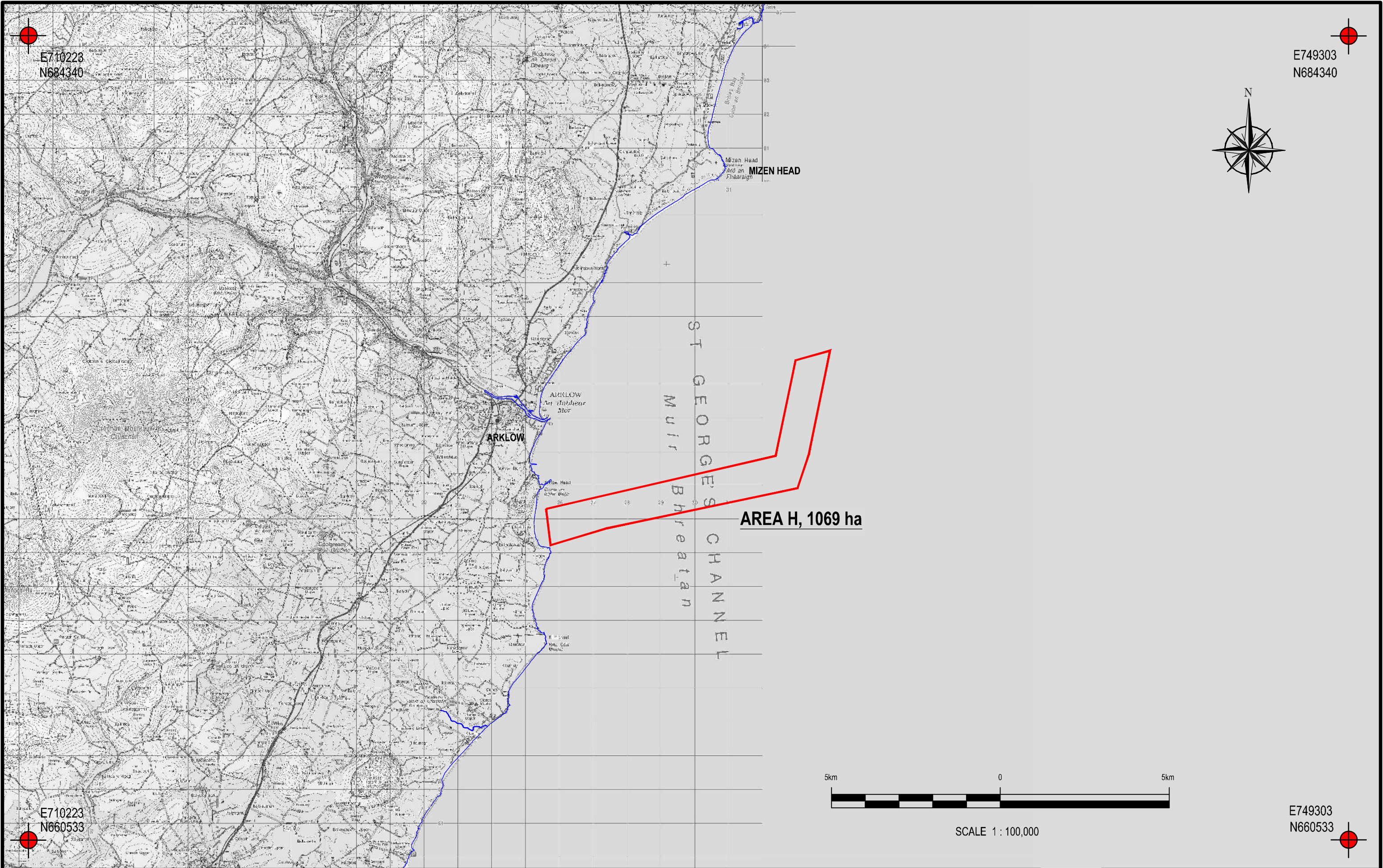
22.04.2024

22.04.2024

22.04.2024

REV

2



APPROVED BY:
[Redacted] MSC PHD, MCNIEM C.WEM
Project Engineer,
for [Redacted]

LEGEND

MARITIME AREA USAGE LICENCE AREA 

ITM GRID COORDINATE INTERSECT 

HIGH WATER MARK (HWM) 

GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Ellipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

PROJECT TITLE					
UISCE ÉIREANN ADCP SURVEYS					
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD
REV	DATE	DESCRIPTION	D	C	A

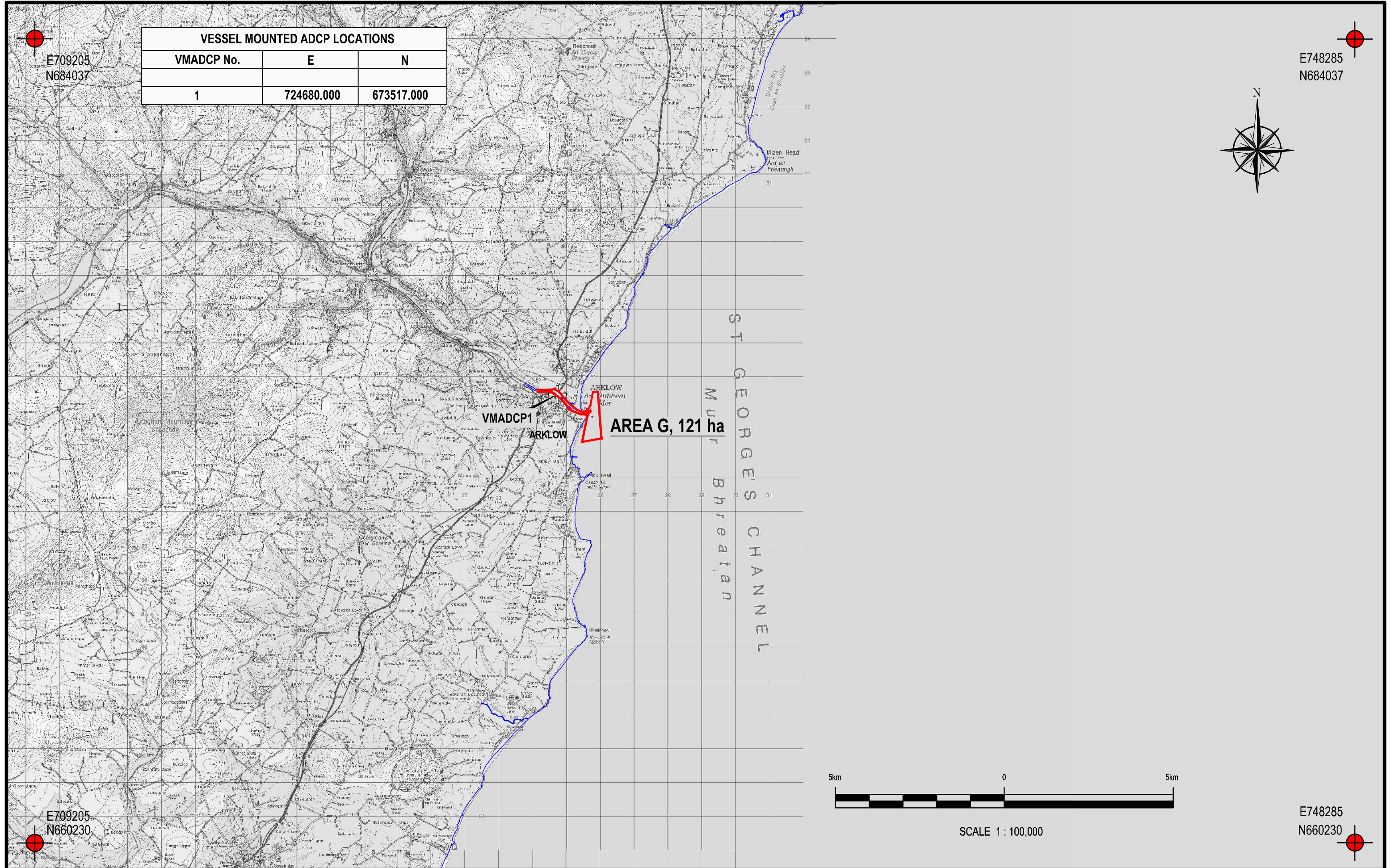



TITLE

LICENCE MAP G
REF : MUL240026

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SCALE	1 : 100,000	DATE	22.04.2024	DATE	22.04.2024	DATE	22.04.2024
DRAWING NO.	20952-FL-EC-114	REV					
							2



APPROVED BY:
[Redacted] MSC PHD, MCNIEM C, WEM
Project Engineer,
for [Redacted]

LEGEND

MARITIME AREA USAGE LICENCE AREA

ITM GRID COORDINATE INTERSECT

HIGH WATER MARK (HWM)

INDICATIVE VESSEL BASED ADCP SURVEY LOCATIONS

INDICATIVE BOTTOM MOUNTED ADCP SURVEY LOCATIONS

INDICATIVE VESSEL BASED CTD SURVEY LOCATIONS

ADCP AND CTD LOCATIONS SHOWN ARE INDICATIVE ONLY AND ACTUAL ADCP AND CTD LOCATIONS MAY VARY FROM THOSE SHOWN

GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Elipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

PROJECT TITLE					
UISCE ÉIREANN ADCP SURVEYS					
REV	DATE	DESCRIPTION	D	C	A
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD

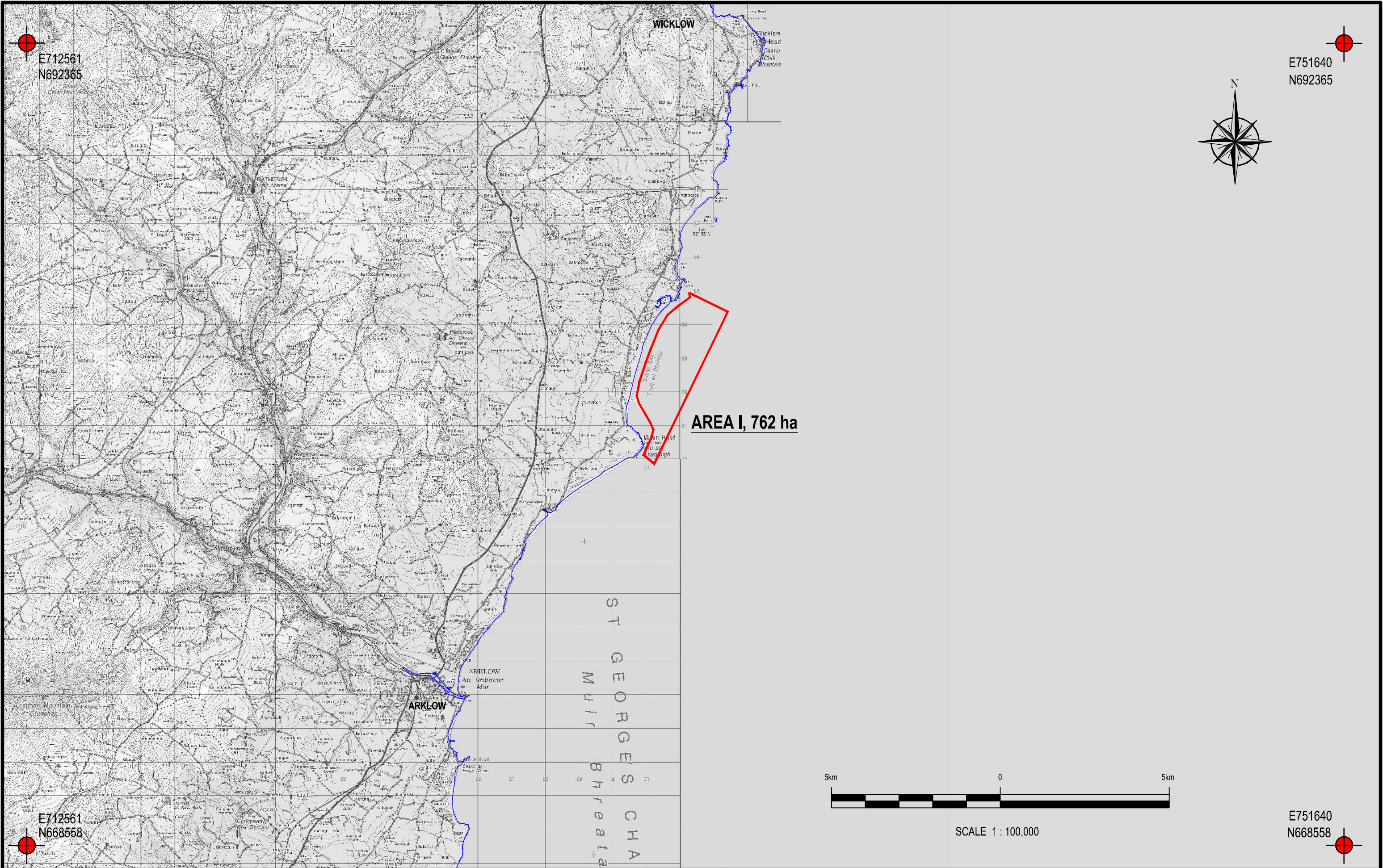
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SITE LAYOUT MAP H
REF : MUL240026

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SCALE	DATE	REV
1 : 100,000	22.04.2024	22.04.2024

DRAWING NO. **20952-FL-EC-117**

2



APPROVED BY:
[Redacted] /SC PHD, MCNIEM C,WEM
Project Engineer,
for [Redacted]

LEGEND

MARITIME AREA USAGE LICENCE AREA 

ITM GRID COORDINATE INTERSECT 

HIGH WATER MARK (HWM) 

GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Ellipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

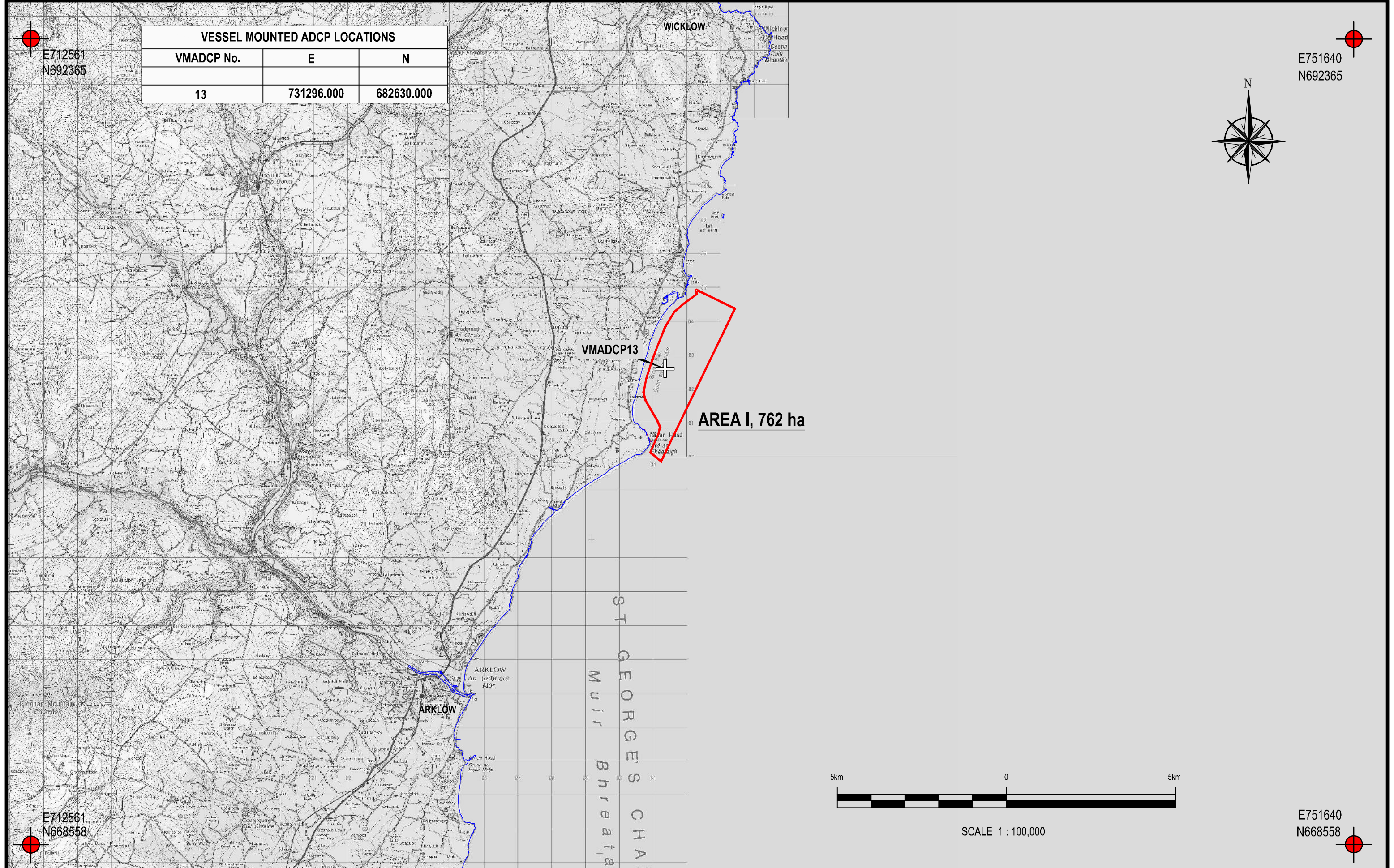
PROJECT TITLE					
UISCE ÉIREANN ADCP SURVEYS					
REV	DATE	DESCRIPTION	D	C	A
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD




TITLE
LICENCE MAP I
REF : MUL240026

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SCALE	DATE	DATE	DATE
1 : 100,000	22.04.2024	22.04.2024	22.04.2024
DRAWING NO.	REV		
20952-FL-EC-118	2		



APPROVED BY:

Project Engineer,
for 

ISC PHD, MCIVEM C.WEM

LEGEND

MARITIME AREA USAGE LICENCE AREA

ITM GRID COORDINATE INTERSECT

HIGH WATER MARK (HWM)

INDICATIVE VESSEL BASED ADCP SURVEY LOCATIONS

INDICATIVE BOTTOM MOUNTED ADCP SURVEY LOCATIONS

INDICATIVE VESSEL BASED CTD SURVEY LOCATIONS

ADCP AND CTD LOCATIONS SHOWN ARE INDICATIVE ONLY AND ACTUAL ADCP AND CTD LOCATIONS MAY VARY FROM THOSE SHOWN

GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Ellipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

PROJECT TITLE				
UISCE ÉIREANN ADCP SURVEYS				
REV	DATE	DESCRIPTION	D	C
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA CD



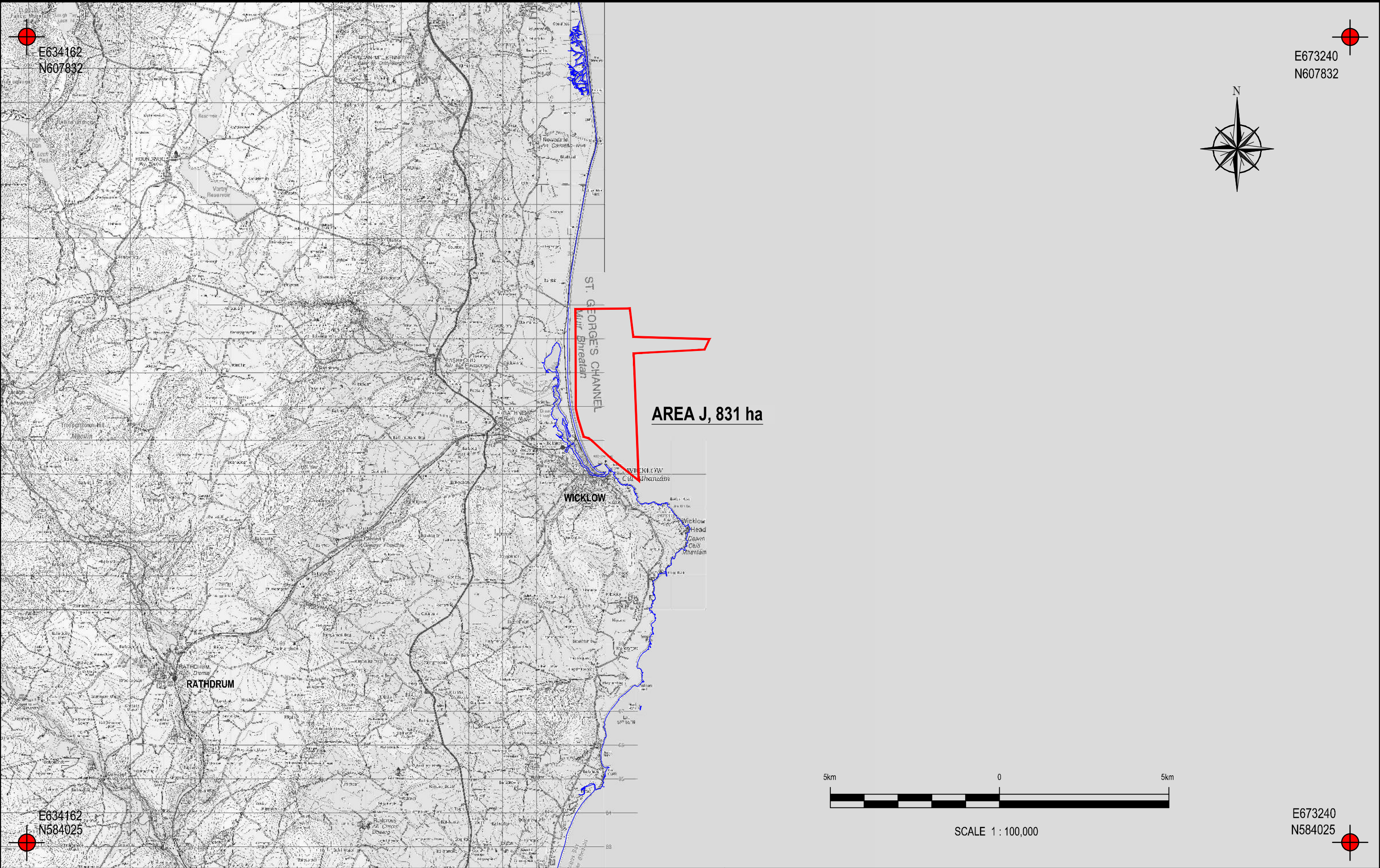
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SITE LAYOUT MAP I
REF : MUL240026

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SCALE 1 : 100,000

20952-FL-EC-119

2



APPROVED BY:
[Redacted] MSC PHD, MCNIEM C.WEM
Project Engineer,
for [Redacted]

LEGEND
MARITIME AREA USAGE LICENCE AREA
ITM GRID COORDINATE INTERSECT
HIGH WATER MARK (HWM)



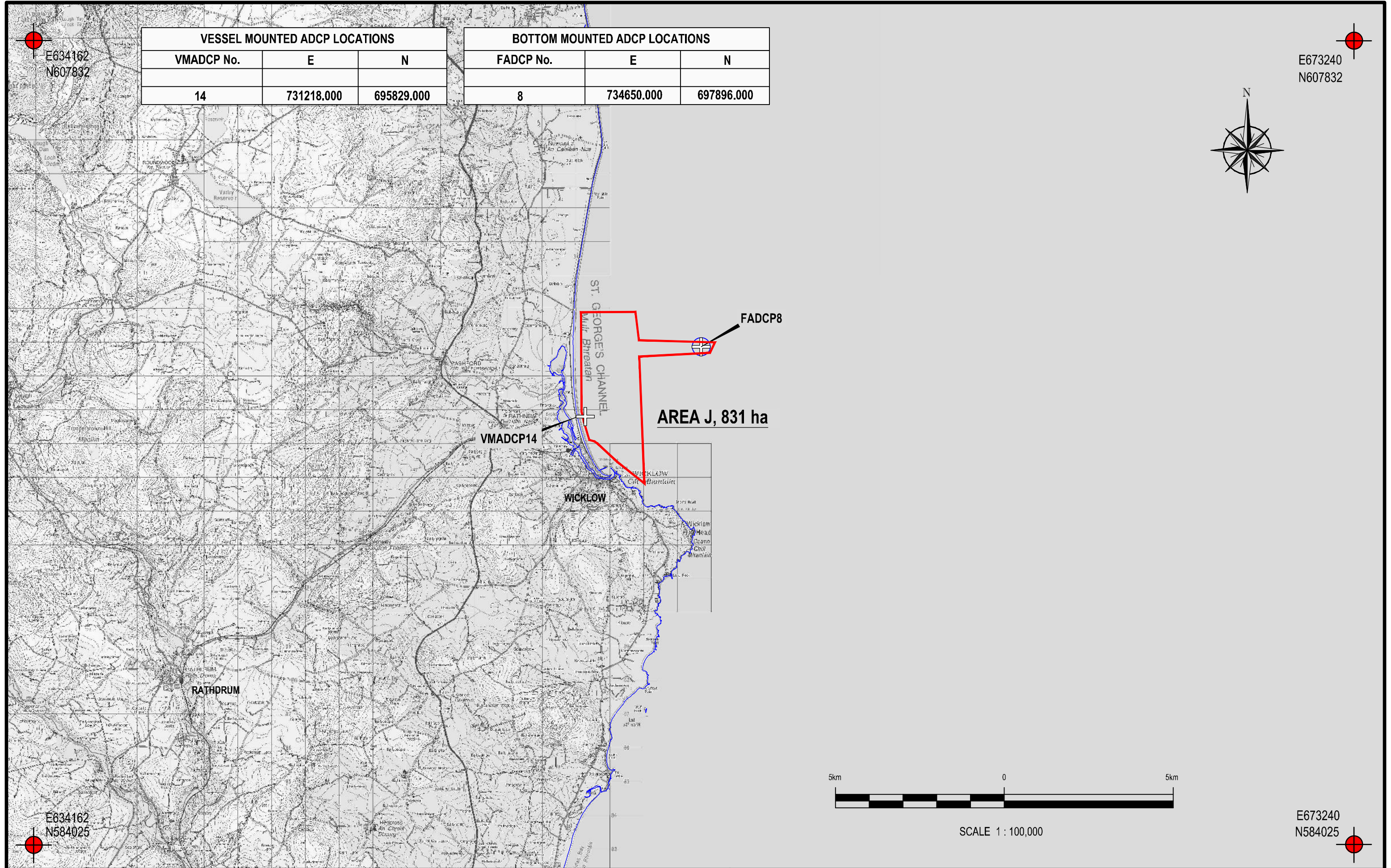
GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Ellipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

PROJECT TITLE					
UISCE ÉIREANN ADCP SURVEYS					
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD
REV	DATE	DESCRIPTION	D	C	A



TITLE
LICENCE MAP J
REF : MUL240026

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SCALE	1 : 100,000	22.04.2024	22.04.2024
DRAWING NO.	20952-FL-EC-120	REV	2



VESSEL MOUNTED ADCP LOCATIONS		
VMADCP No.	E	N
14	731218.000	695829.000

BOTTOM MOUNTED ADCP LOCATIONS		
FADCP No.	E	N
8	734650.000	697896.000

APPROVED BY:
[Signature] SC PHD, MCIVEM C, WEM
Project Engineer,
for [Signature]

LEGEND

MARITIME AREA USAGE LICENCE AREA

ITM GRID COORDINATE INTERSECT

HIGH WATER MARK (HWM)

INDICATIVE VESSEL BASED ADCP SURVEY LOCATIONS

INDICATIVE BOTTOM MOUNTED ADCP SURVEY LOCATIONS

INDICATIVE VESSEL BASED CTD SURVEY LOCATIONS

ADCP AND CTD LOCATIONS SHOWN ARE INDICATIVE ONLY AND ACTUAL ADCP AND CTD LOCATIONS MAY VARY FROM THOSE SHOWN

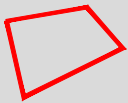
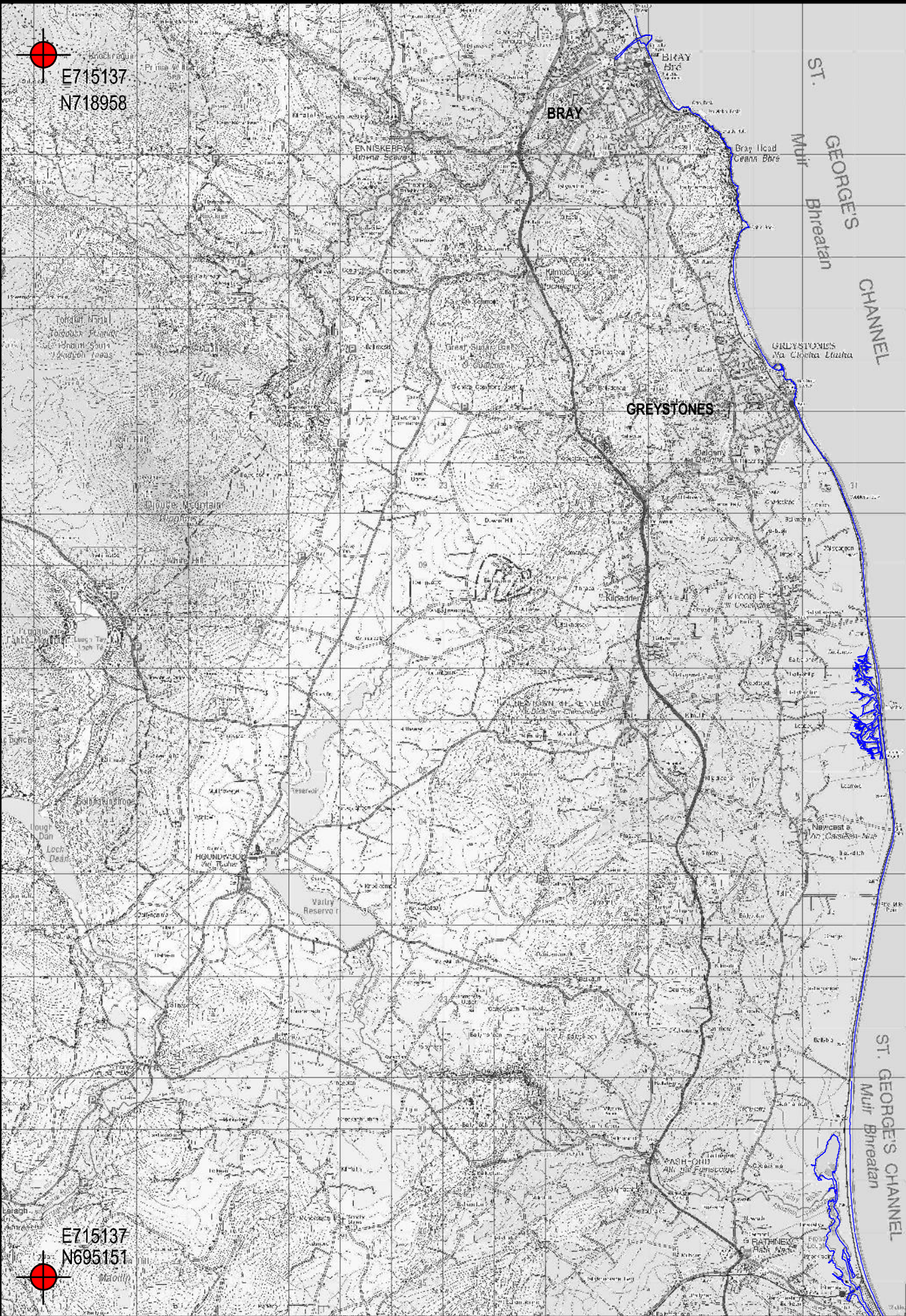
GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Ellipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

PROJECT TITLE									
UISCE ÉIREANN ADCP SURVEYS									
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD				
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD				
REV	DATE	DESCRIPTION	D	C	A				

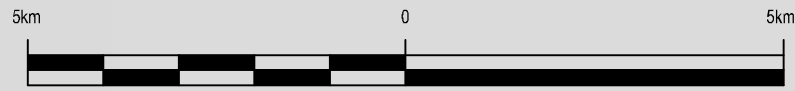
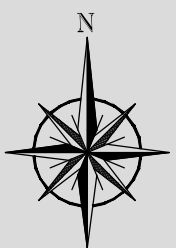
TITLE
SITE LAYOUT MAP J
REF : MUL240026

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SCALE	1 : 100,000
DATE	22.04.2024
REV	2
DRAWING NO.	20952-FL-EC-121



AREA K, 107 ha



SCALE 1 : 100,000

APPROVED BY:

Project Engineer,
for

LEGEND
MARITIME AREA USAGE LICENCE AREA
ITM GRID COORDINATE INTERSECT
HIGH WATER MARK (HWM)

GEODETIC PARAMETERS :
Datum : IRENET95
Projection : TRANSVERSE MERCATOR
Ellipsoide : GRS 1980
Prime Meridian : GREENWICH
Unit : METER
ESPG : 2157

PROJECT TITLE
UISCE ÉIREANN ADCP SURVEYS

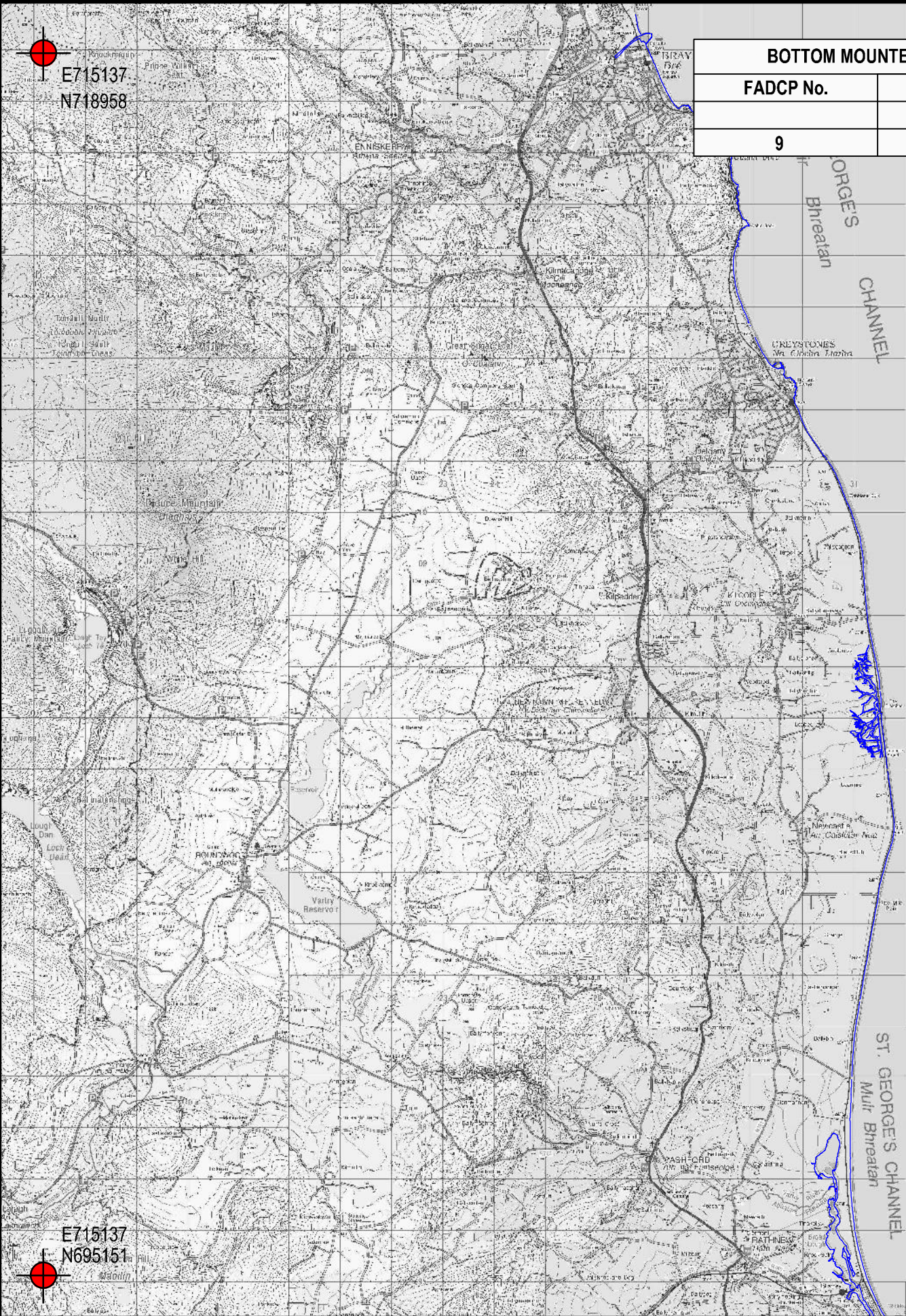
REV	DATE	DESCRIPTION	D	C	A
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA	CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA	CD

TITLE
LICENCE MAP K
REF : MUL240026

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SCALE	DATE	DATE	DATE
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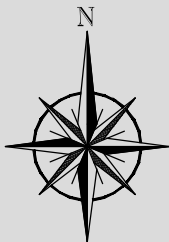
DRAWING NO.	REV
20952-FL-EC-122	2



BOTTOM MOUNTED ADCP LOCATIONS		
FADCP No.	E	N
9	735695.000	714091.000

FADCP9

AREA K, 107 ha



E754217
N718958



SCALE 1 : 100,000

E754217
N695151

APPROVED BY:

MSC PHD, MCNIEM C, WEM

Project Engineer,

for

LEGEND

MARITIME AREA USAGE LICENCE AREA

ITM GRID COORDINATE INTERSECT

HIGH WATER MARK (HWM)

INDICATIVE VESSEL BASED ADCP SURVEY LOCATIONS

INDICATIVE BOTTOM MOUNTED ADCP SURVEY LOCATIONS

INDICATIVE VESSEL BASED CTD SURVEY LOCATIONS

ADCP AND CTD LOCATIONS SHOWN ARE INDICATIVE ONLY AND ACTUAL ADCP AND CTD LOCATIONS MAY VARY FROM THOSE SHOWN

GEODETIC PARAMETERS :

Datum : IRENET95

Projection : TRANSVERSE MERCATOR

Ellipsoide : GRS 1980

Prime Meridian : GREENWICH

Unit : METER

ESPG : 2157

PROJECT TITLE				
UISCE ÉIREANN ADCP SURVEYS				
2	24.10.24	LICENCE APP. UPDATE : CHANGE TO AREA J / VMADCP14	DS	SA CD
1	18.06.24	HWM & CO-ORDS ADDED	AM	SA CD
REV	DATE	DESCRIPTION	D	C A



SITE LAYOUT MAP K

REF : MUL240026

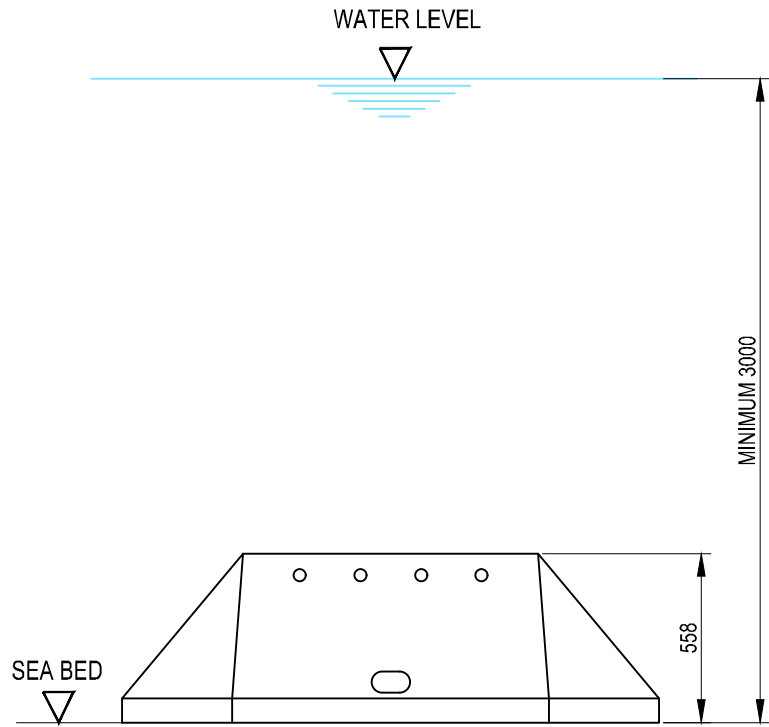
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SCALE: 1 : 100,000

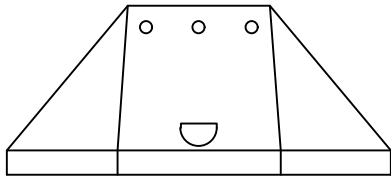
22.04.2024 | 22.04.2024 | 22.04.2024

DRAWING NO. 20952-FL-EC-123

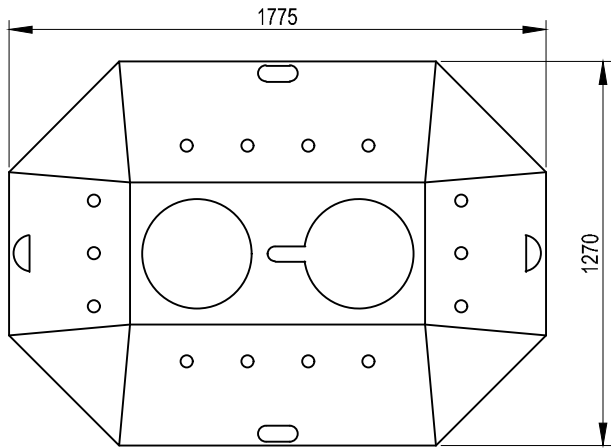
REV 2



SIDE ELEVATION

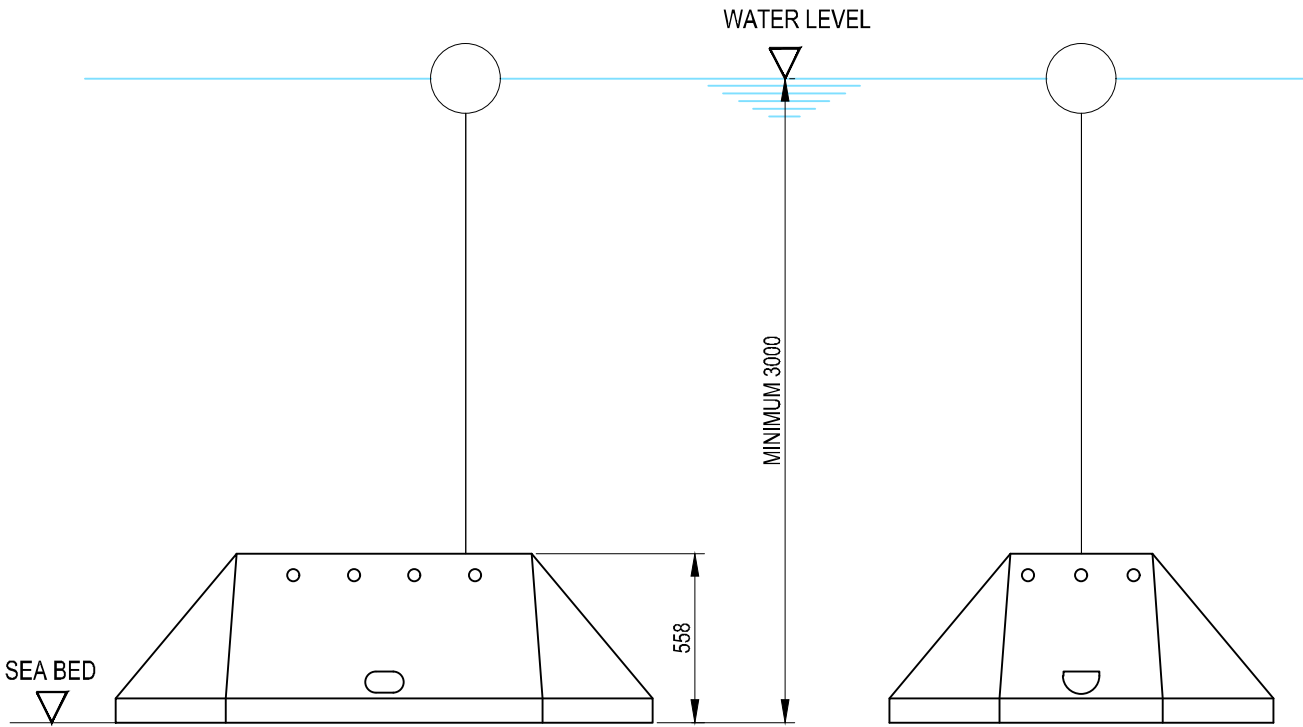


END ELEVATION

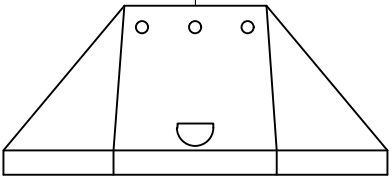


PLAN

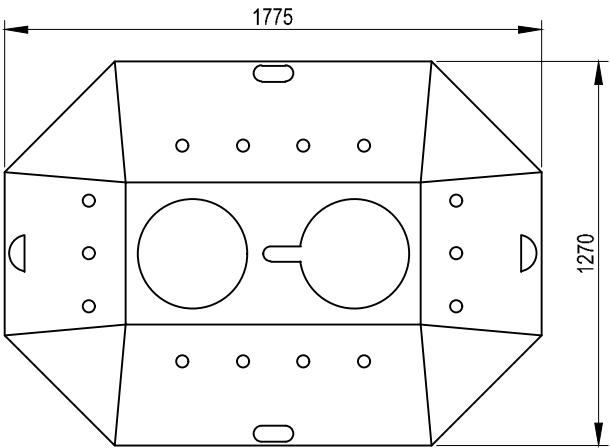
DURING DEPLOYMENT



SIDE ELEVATION



END ELEVATION



PLAN

PRE-RECOVERY

APPROVED BY:
[REDACTED] MSc PHD, MCIWEM C.IWEM
Project Engineer,
for [REDACTED]

PROJECT TITLE					
UISCE ÉIREANN NON-INTRUSIVE SURVEYS					
REV	DATE	DESCRIPTION	D	C	A



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O'DWYER



Uisce
Éireann

PLAN AND ELEVATION
OF STRUCTURE
REF : MUL240026

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Scales: N.T.S.					
Drawing No: 20952-FL-WC-124					
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