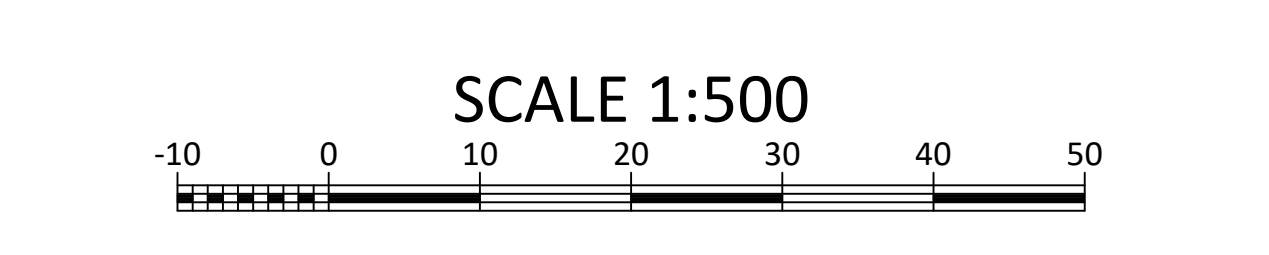
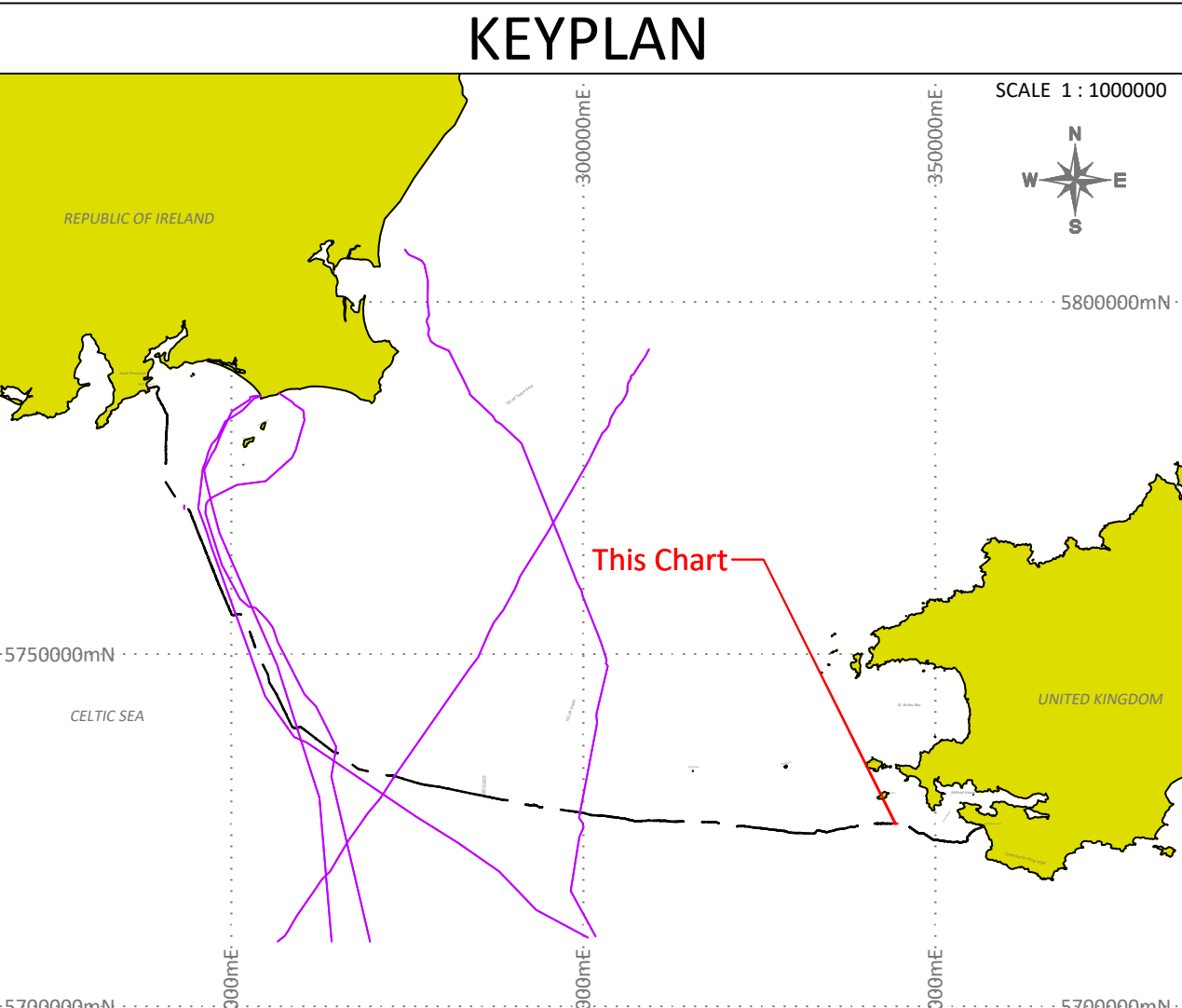


GEODETIC PARAMETERS	
DATUM	WGS 1984
ELLIPSOID (SPHEROID)	WORLD GEODETIC SYSTEM 1984
SEMI-MAJOR AXIS (M)	6378137.000 m
SEMI-MINOR AXIS	6356752.314 m
INVERSE FLATTENING (1/F)	298.257223563000 m
PROJECTION PARAMETERS:	
PROJECTION	UTM
ZONE	30N
LATITUDE OF ORIGIN	0°00'00.000" N
LONGITUDE OF ORIGIN	03°00'00.000" W
SCALE FACTOR	0.9996
FALSE EASTING	500 000 m
FALSE NORTHING	0 m
UNITS	INTERNATIONAL METRES, DEGREES

NOTES	
1. All co-ordinates are in metres unless otherwise stated.	
2. Heights or water depths are reduced to Lowest Astronomical Tide (LAT) using the UKHO VORF model.	
3. KP values are based on geographical ranges along the latest RPL revision. With 100.000 m Freshwater West Beach in the UK to the Bognor Beach in Ireland.	
4. Existing features or obstructions are derived from the latest construction drawing.	
5. Bathymetric data has been acquired using the following equipment:	
VESSEL	FPV SHARK STEIN
SURFACE POSITIONING	NAVCOM C-NAV 3050 (PPP)
GNSS	IXBLUE OCTANS SURFACE
MBU	IXBLUE OCTANS SURFACE
SURFACE POSITIONING	KONGSBERG HHPAP 501
ROV	SMD FINOV
INS, IMU	IXBLUE ROVINS
GNSS & MBU	IXBLUE MU50
DOPPLE VELOCITY LOG	TELEDYNE RD WHN 1200-HUS12
PRESSURE SENSOR	TRITECH SK 702/40
SOUND VELOCITY SENSOR	VALPOINT AMNCHS
MULTIBEAM SONAR	TELEDYNE RESON SEABAT 8125
CTD PROBE	VALEPORT MIDAS SVX2
6. DTM Grid size is 0.20m	
7. Survey has been executed on 30/07/2024.	

LEGEND	
PLAN VIEWS	
5727500mN	PROJECTION GRID (COORDINATES IN METRES)
KP 15.100	TOP CABLE ROUTE (RPL_REV14)
---	CROSS PROFILE POSITION
---	AS-TRENCHED / AS-FOUND CABLE
---	EXISTING CABLES
---	SURSEA ROCK BERM DESIGN LIMITS
---	SURSEA ROCK BERM DESIGN
---	BATHYMETRIC CONTOURS AT 1.0m INTERVAL (ANNOTATED)
---	BATHYMETRIC CONTOURS AT 0.20m INTERVAL
CROSS PROFILES	
---	PRE ROCK INSTALLATION SURVEY
---	POST ROCK INSTALLATION SURVEY
---	SURSEA ROCK BERM DESIGN LIMITS
---	SURSEA ROCK BERM DESIGN
---	SURSEA ROCK BERM TOLERANCE
---	AS-TRENCHED / AS-FOUND CABLE
LONGITUDINAL PROFILES	
---	PRE ROCK INSTALLATION SURVEY
---	POST ROCK INSTALLATION SURVEY
---	SURSEA ROCK BERM DESIGN LIMITS
---	SURSEA ROCK BERM DESIGN
---	SURSEA ROCK BERM TOLERANCE
---	AS-TRENCHED / AS-FOUND CABLE



CLIENT

Greenlink
INTERCONNECTOR

CONTRACTOR

SUMITOMO ELECTRIC

SUBCONTRACTOR

DJN Jan De Nul
Luxembourg SA

PROJECT

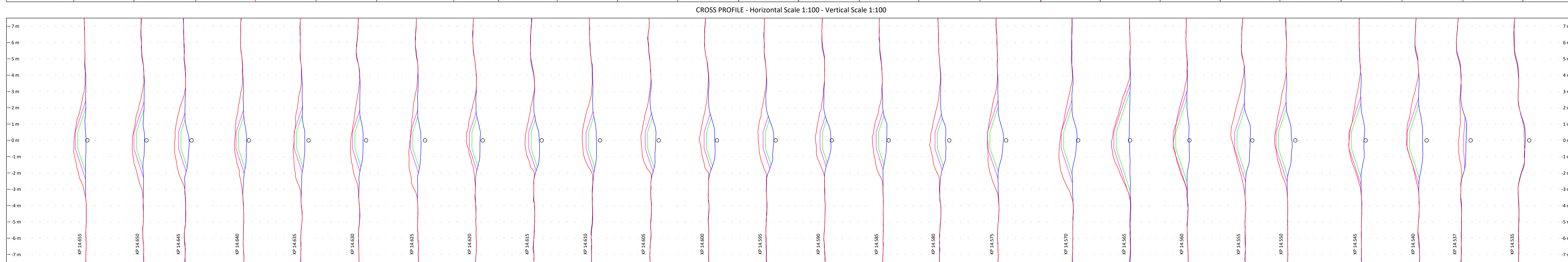
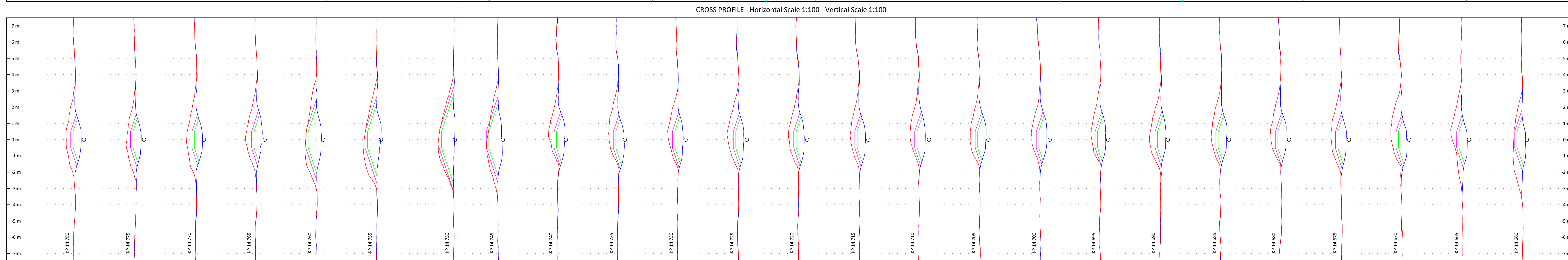
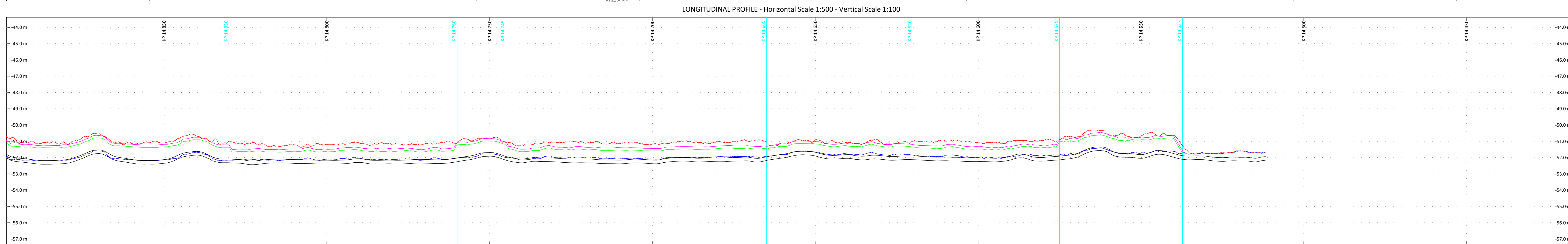
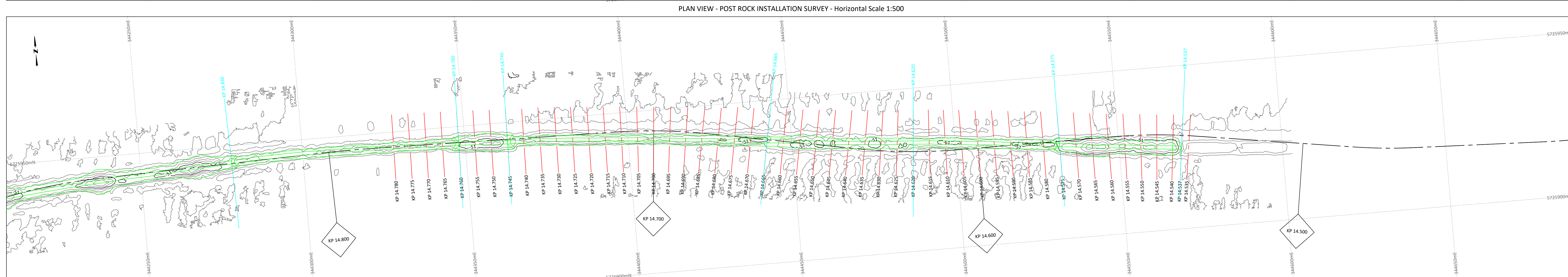
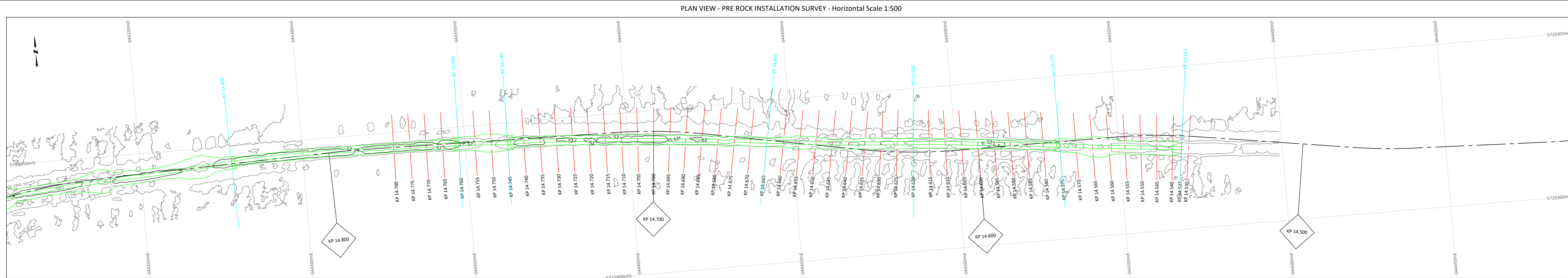
GREENLINK INTERCONNECTOR PROJECT
SUB-CONTRACT FOR OFFSHORE HVDC
INSTALLATION AND BURIAL

TITLE

AS BUILT ROCK INSTALLATION
FILTER LAYER
KP 14.785 - KP 15.030

REV No.	DATE	DESCRIPTION	BY	CHK	APP	CONT	CLIENT
00	03/08/2024	ISSUED FOR REVIEW	BUAM	DCST	QT		
DRAWN BY: [Name]							SIZE A0
CHECKED BY: [Name]							SHEET 1 of 2
APPROVED BY: [Name]							REV 00

JDN6746-SUR-SV-RQ2000-2034



GEODETIC PARAMETERS	
DATUM	WGS 1984
ELLIPSOID (SPHEROID)	WGS84 GEODETIC SYSTEM 1984
SEMI-MAJOR AXIS (M)	6378137.000 m
SEMI-MINOR AXIS	6356752.314 m
INVERSE FLATTENING (1/F)	298.257223563000 m
PROJECTION PARAMETERS:	
PROJECTION	UNIVERSAL TRANSVERSE MERCATOR NORTH ORIENTATED
ZONE	30N
LATITUDE OF ORIGIN	0°00'00.000" N
LONGITUDE OF ORIGIN	0°00'00.000" W
SCALE FACTOR	0.9996
FALSE EASTING	500.000m
FALSE NORTHING	0m
UNITS	INTERNATIONAL METRES, DEGREES

NOTES

- 1. All co-ordinates are in metres unless otherwise stated.
- 2. Heights or water depths are reduced to Lowest Astronomical Tide (LAT) using the UKHO VORM model.
- 3. IPV values are based on geographical ranges along the latest BPVI revision. With IP0 000 of Freshwater West Beach in the UK to the Baginbun Beach in Ireland.
- 4. Existing features or obstructions are derived from the latest cartographic drawing.
- 5. Bathymetric data has been acquired using the following equipment:

VESSEL	IPV SIMON STEVEN
SURFACE POSITIONING	NAVCOM C-NAV 3050 (PPP)
GYRO	INSULTE OCEANS SURFACE
MRU	INSULTE OCEANS SURFACE
SURFACE POSITIONING	KONINGSBERG HIPAP 501
ROV	SAD PROVIEW
INS, R/A	INSULTE ROVINS
INSULTE R/A IMU	INSULTE IMUINS
DOPPERVELOCITY SENSOR	TELEPHONE RD WHN 1200-UG12
PRESSURE SENSOR	TRITECH SK 70140
SOUNDS VELOCITY SENSOR	VALPORT MINNAV
MULTIBEAM SONAR	TELEPHONE RESUME SEABAT 8125
CTD PROBE	VALPORT MADA5 SVR2
- 6. DTM Grid size is 0.30m
- 7. Survey has been executed on 30/07/2004.

LEGEND

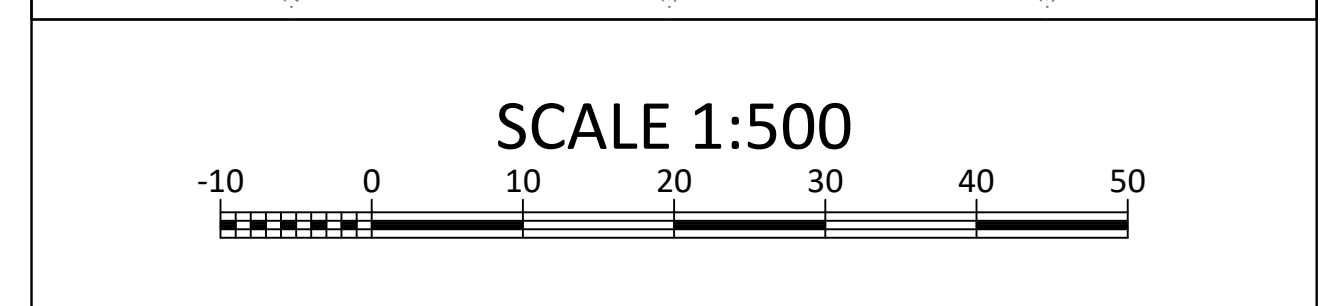
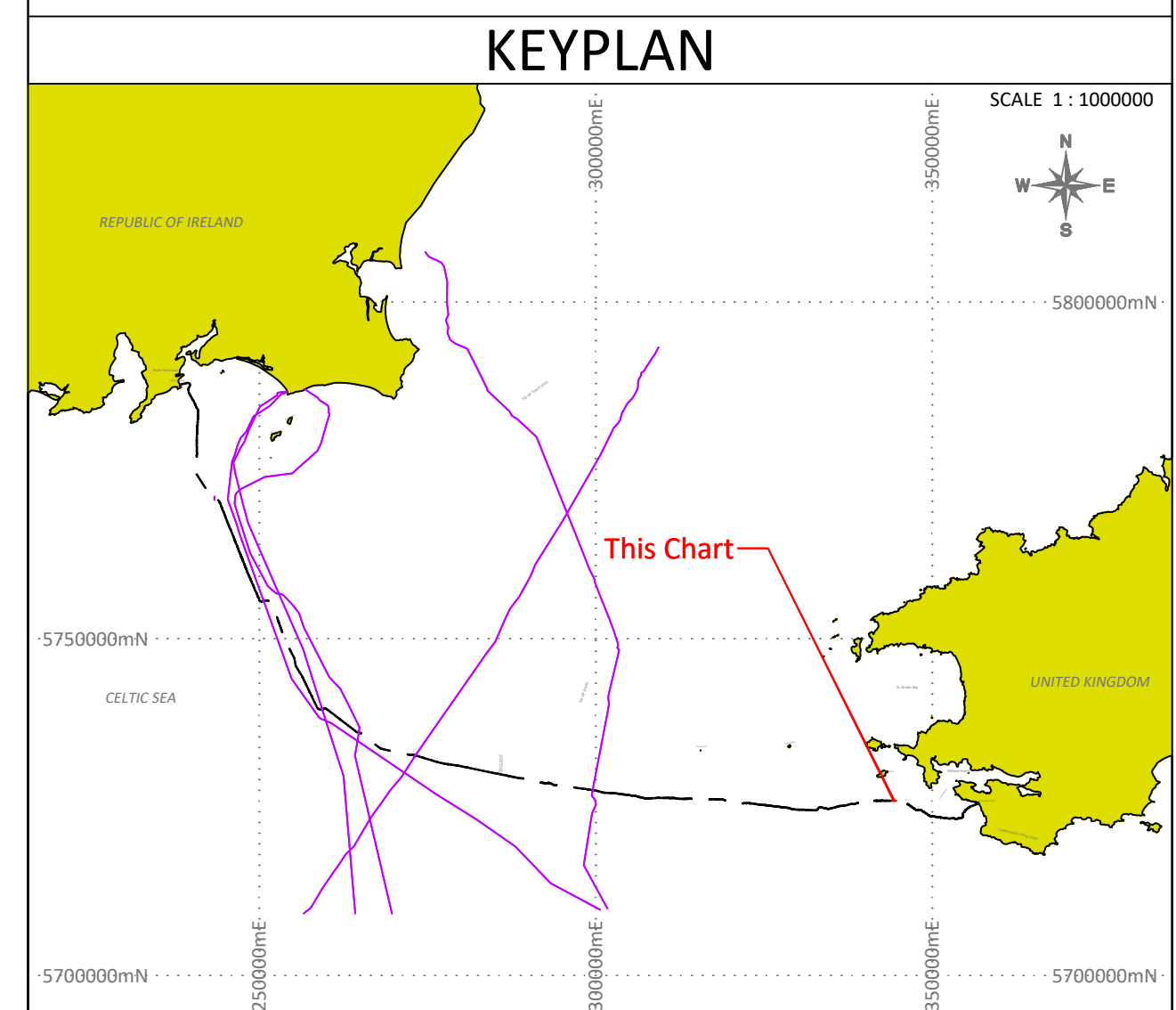
PLAN VIEWS

- PROJECTION GRID (COORDINATES IN METRES)
- TKP CABLE ROUTE (RPL_REV14)
- CROSS PROFILE POSITION
- AS-TRENCHED / AS-FOUND CABLE
- EXISTING CABLES
- SUBSEA ROCK BERM DESIGN LIMITS
- SUBSEA ROCK BERM DESIGN
- BATHYMETRIC CONTOURS AT 1.0m INTERVAL (ANNOTATED)
- BATHYMETRIC CONTOURS AT 0.20m INTERVAL

CROSS PROFILES

- PRE ROCK INSTALLATION SURVEY
- POST ROCK INSTALLATION SURVEY
- SUBSEA ROCK BERM DESIGN LIMITS
- SUBSEA ROCK BERM DESIGN
- AS-TRENCHED / AS-FOUND CABLE

LONGITUDINAL PROFILES



CLIENT 

CONTRACTOR



**SUMITOMO
ELECTRIC**

SUBCONTRACTOR

 **Jan De Nul**
Luxembourg SA

PROJECT	GREENLINK INTERCONNECTOR PROJECT SUB-CONTRACT FOR OFFSHORE HVDC INSTALLATION AND BURIAL
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TITLE	AS BUILT ROCK INSTALLATION FILTER LAYER
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[illegible]