BIGGA

YELL

North Tunnel Marine Route

South Tunnel Marine Route

North and South Tunnel Marine Routes

Limit of Survey Area

MLWS

MHWS

LEGEND

MLWS / MHWS — Mean high water springs and mean low water springs

Limits of survey area

Matchline to associated chart

Tunnel marine route with chainage marker scaled from client supplied drawing

Bathymetric contour (at 5m intervals)

Bathymetric spot depth

NOTES

1. Shoreline detail derived from ordnance survey digital data using 1:2 500 and 1:10 000 client supplied chart

2. All levels referred to Admiralty Chart Datum
   Admiralty Chart Datum = 1.24m below O.D. Lerwick

SURVEY STATION INFORMATION

Primary Navigation RTK DGPS

Secondary Navigation DGPS

STATION COORDINATES

Primary Firths Hill
E: 445244.62
N: 1173343.27
Elevation: 117.500m

SCALE 1:2500

METRES 0 50 100 150 200

COORDINATE SYSTEM

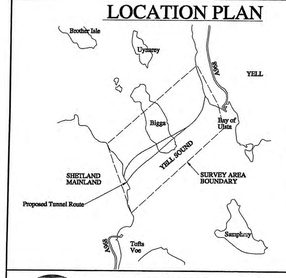
ELLIPSOID USED Airy 1830
PROJECTION USED OSGB36

Longitude of Central Meridian :	-2
Latitude at origin of projection :	49
False Easting in metres :	400,000
False Northing in metres :	-100,000
Scale Factor at Central Meridian :	0.999601 3
Convergence :	0.01258

CHART ORIGINS : Centre of chart

E: 4445500 N: 1179300

LOCATION PLAN



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Yell Sound
Geophysical Survey

Bigga to Yell

Bathymetry

Rev	Date	By	Revision
C			
B			
A			

CLIENT APPROVAL

Status	Stage	Name/Indicator	Signature	Date
Preliminary				
Provisional				
Final				

Survey date(s) 12th–18th May 2002	Survey Vessel RS Discovery Rose
Client Ref. No.	Ref. No. MM0209
Interpreted R. J. Sorapure	Drawn S. B. Cook
Checked R. J. Robinson	Date August 2002
Client Shetland Islands Council	Drawing No. MM0209/E1