



**Priority 2**  
 Area requiring to be dredged to -5.0m CD = 900m<sup>2</sup>  
 Average approx depth = 0.25m  
 Volume to be dredged = **225m<sup>3</sup>**  
 No additional dredging required for side slopes due to flat profile of bed

**Priority 1**  
 Area requiring to be dredged to -5.0m CD = 1205m<sup>2</sup>  
 Average approx depth = 0.70m  
 Volume to be dredged = **843.5m<sup>3</sup>**  
 Desired 1 in 10 side slope not possible. Additional approx. volume for side slope dredging shown at 1 in 2.5 = 420m<sup>3</sup>

**Priority 2**  
 Area requiring to be dredged to -5.0m CD = 25m<sup>2</sup>  
 Average approx depth = 0.20m  
 Volume to be dredged = **5m<sup>3</sup>**  
 Additional dredging for side slopes not required

**Priority 3**  
 Area requiring to be dredged to -5.0m CD = 510m<sup>2</sup>  
 Average approx. depth = 0.50m  
 Volume to be dredged = **255m<sup>3</sup>**  
 Additional approx. volume to be dredged to give 1 in 10 side slope to dredged area = 400m<sup>3</sup>

Overall Dredge License Area  
 Total area = 31,100m<sup>2</sup>

Specific areas to be dredged to -5m CD  
 Total volume = 1328.5m<sup>3</sup>

Additional area to be dredged for side slopes at 1 in 10 or 1 in 2.5  
 Volume (1 in 10) = 400m<sup>3</sup>  
 Volume (1 in 2.5) = 420m<sup>3</sup>

Stromness Dredging Coordinates					Stromness Dredging Coordinates				
Pt	Easting	Northing	Latitude	Longitude	Pt	Easting	Northing	Latitude	Longitude
A	325672.645	1009168.211	58°57.793'N	3°17.646'W	G	325518.986	1009021.195	58°57.712'N	3°17.804'W
B	325705.640	1009163.737	58°57.791'N	3°17.612'W	H	325559.259	1009172.206	58°57.794'N	3°17.764'W
C	325707.600	1009010.261	58°57.708'N	3°17.606'W	I	325590.370	1009171.737	58°57.794'N	3°17.732'W
D	325496.994	1008935.979	58°57.666'N	3°17.825'W	J	325596.039	1009081.808	58°57.745'N	3°17.724'W
E	325477.136	1008942.274	58°57.669'N	3°17.845'W	K	325618.730	1009082.854	58°57.746'N	3°17.701'W
F	325490.748	1009004.286	58°57.703'N	3°17.833'W					

3	Amended after Marine Licensing comments	13/02/26	SG	DC	DC
2	Coordinates added	24/09/25	SG	DC	DC
1	Information issue	05/12/24	SG	DC	DC

File Ref.	1004181	Drawing No.	00
Revision	1 2 3	Drawn	SG
Date	05/12/24	Checked	DC
Scale	1:1,250	Approved	DC

**Stromness Harbour**

**Dredging Overview 2026**

**ENGINEERING**

**NEIGHBOURHOOD SERVICES AND INFRASTRUCTURE**

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