

and crews are hazarded. It is more than probable that the majority of the ships reported as missing in these seas are missing because wrecked by sudden and violent contact with drifting icebergs.

17. In the event of people being cast away on the Crozets, I would recommend that, if possible, they should establish a look-out place on the Twelve Apostles; this island is the one which would most probably be sighted by ships, and an object placed or a man standing on the ridge where the "Strathmore" cairn is erected would be seen at a great distance.

The north-east point of the Twelve Apostles is by the chart placed in long. 50° 41' East. Our chronometers placed the point in long. 50° 36' East. This is assuming the latitude to be correct, as no observations for latitude could be obtained. If our longitude is correct, the Twelve Apostles should therefore be placed five miles west of their present position on the chart.

18. Attached to this letter is a copy of the log for the two days that the "Wolverene" was examining the Crozet Group.

I have, &c.,

LINDESAY BRINE, Captain.

H.M.S. "WOLVERENE," Thursday, 30th day of November, 1876, from Cape of Good Hope to Crozet Isles, and among the Crozets.

Initials of the Officers of the Watch.	Hours.	Knots.	Tenths.	Standard Compass Courses.	Leeway Points.	Wind.		Weather.	Deviation of Standard Compass.	Height of		Temperature of the Sea.	Remarks.	
						Direction.	Force			Bar.	Ther.			
	1	1	—	N. $\frac{1}{2}$ E. . .	5 $\frac{1}{2}$	-	-	c.q. -	—	—	—	—	A.M. Steam up in three boilers.	
	2	1	—	. . .	—	N.W. by W.	4 to 5	—	—	—	—	—	3.10 Squared yards, shaped course S.E. $\frac{1}{2}$ E. Out, reefs set; foresail and top gallant sail.	
	3	1	—	—	—	—	—	—	—	—	—	—	4.50 Crossed royal yards; set the sail and port foretop studding sail.	
	4	4	—	. . .	—	-	-	o.d. -	—	29.23	40	39	5.45 Commenced steaming 40 rev. Lost overboard by accident log lines, one in number.	
	5	6	—	—	—	—	—	—	—	—	—	—	7.5 Sighted Twelve Apostles Islands on star. bow. In studding sail, upper sails, and upper foresail.	
	6	8	—	—	—	—	—	—	—	—	—	—		
	7	9	5	—	—	—	—	—	—	—	—	—		
	8	—	—	Steaming as requisite around Twelve Apostles Group and Hog Island.	—	N.W.	3 to 4	o.m. -	—	29.23	41	49	9.36 Set fore and aft sails.	
	9	—	—		—	—	—	—	—	—	—	—	—	9.40 Mustered at quarters; prayers. In fore and aft sails stopped. Dense fog.
	10	—	—		—	—	—	—	—	—	—	—	—	
	11	—	—		—	—	—	—	—	—	—	—	—	10.10 Proceeded under steam and rounded north end of Twelve Apostles group, steamed close under lee, fired guns to attract attention. Proceeded full speed for Hog Island.
Noon.	—	—	—	. . .	—	Westerly	2 to 4	b.c.m. -	—	29.37	40	39	11.0 Stopped under lee of Hogg Island, fired guns; sounded in 57 fms., cinders and black sand. Pro- ceeded.	

Course :	Distance		Latitude.	Longitude.	Variation allowed.	Water remaining : 23½ tons.	Daily Expenditure : 3½ tons.	True Bearing and District.	No. on Sick List.
	Made good.	Thro' the Water.							
Current :	Miles.	Miles.	D. R.	D. R.					
			Obs.	Chro.		Distilled since yesterday :			

													P.M.
													0.10 Braced round yards, steaming round west end of Hog Island and for Penguin Isles.
													2.0 Sighted Penguin Island ahead. Set fore and aft sails.
													3.30 Fired a gun. Easy speed around Penguin Isle; found only one island instead of the two marked on the chart.
													5.30 Mustered at quarters. Set topsails; sighted Possession Island on port bow; stopped. Steaming; went on condensing.
													8.15 Sounded in 129 fms.; fine black and grey sand.
													9.20 Braced round. In trysail.
	Midt.	0	5										Mid. Penguin Island N.W. by N. $\frac{1}{2}$ N.

Signals, &c. {

Coals expended during the 24 hours.	{	For engines ...	20	0
		For ship ...	0	4
		For distilling ...	0	0