

I am desirous also that your dredge should be much used at all anchorages: there are many times when it can be done successfully in deep water, and the results would be more rare and valuable.

As respects your astronomical observations, those by the north star I should much prefer to the sun for your latitude, and the time by a star I consider fully as good as that by the sun. After a little practice, observations on stars with the artificial horizon will be found easy and convenient, interfering but little with your surveying duties during the day.

The accuracy of the survey depends so much on these observations, that a few hours taken from sleep will be amply repaid.

Let all your work bear date, scale, and name. The names of the Indian tribes, numbers, and extent of the district belonging to them, it is desirable to get. All curiosities you will of course preserve.

Some articles are placed under your charge for presents and trade; you will be very economical in their use, and with your report you will give me an account of their distribution.

Of your ammunition you will take particular care, suffering no discharge to be wasted, either by your own boat's crew, or those under your command.

No grog is allowed. Your meals will be taken in time to get to your surveying duties by seven o'clock in the morning, and you will continue them until 5 P. M., when you will land and prepare the men's supper. No trading must be allowed during the time allotted for surveying duties, as it would call off the attention, and prevent the promotion of the work.

On Saturday afternoon, you will always select a suitable place for your stay until Monday morning. Neither officers nor men are to be allowed to leave the boats on excursions. When in camp, you will be particular in having a strict watch kept, under charge of an officer.

The provisions are under your charge, and you will see that no waste takes place. If you obtain sufficient fresh provisions, you will serve them out in lieu of the salt ration.

My General Orders relative to the intercourse with the natives, must be strictly observed. Any infraction of them, you may rely upon it, will be duly noticed. Your men are furnished with three suits of clothes each. They must never be suffered to remain in wet clothes at night; and you will see that they shave and keep themselves clean.

They will have ample time to wash on Saturday afternoons, and the Sunday's rest will render them able to encounter the fatigues of the week.

I shall expect from you a very particular report of all circumstances that occur.