Instructions.

To Joseph C. Norris and Andrew M'Millan
The commissioners under the act for the separation of Maine from Massachusetts authorized to divide the land belonging to the two States, having determined in part execution of the trust reposed in them during the present year to cause all the undisputed unlocated land lying southerly of a monument erected by commissioners of the United States, Great Britain on the eastern boundary of said State of Maine at the source of the St. Croix river to be surveyed, laid out into townships, do hereby appoint you to make the following part of such survey in doing which you will conform yourself to the instructions following to wit: from the said monument you will run a due west line so far west as to include all the undisputed land within said State lying south there of at the end of twelve miles, west of said monument you will run a due south line until it strikes the north line of the north range, then return to carry out the west line. This line you will be careful to have accurately marked out, correctly run making mile marks, at the end of each mile west of said monument & make such marks as to distinguish the end of each mile, as that is designed not only to be the basis of the surveys to be made by you, but also of future surveys of the residue of the undisputed land. You will ascertain & notice the variation of the compass on this line & state the course that you actually run & the time of performing it. After having established said
said East and West line you will go back thereon to the first of your six mile marks, from which a line running due South to the Bowdoin College land will leave Moore Head Lake and the township laid out for the Middlesex Canal. West of such line, then run said line due South to the College land, and thence by the College land and the north line of the ninth range of townships till you intersect the line running South from the point twelve miles West of said Monument. The land East of that North and South line twelve miles West of the Monument you will leave unsurveyed. We have been informed that two townships have been recently laid out for the Indians but have not the surveys— if they can be obtained you will be furnished with copies of them. They should have been laid bounding on the ninth range. You will notice whether they extend further North than they ought to do.

In regard to these surveys and indeed all other locations, while we wish you to notice when you find they vary from the return of plans, yet you will not make any marks or monuments within the boundaries of the located lands, but carry your lines on without making such marks.

The line of the located land you will trace from the plans of description, given you and the actual boundaries on the land—ascertain how many townships or ranges of townships you can lay out between said line and the ninth range. Then beginning on your line run due South from the aforesaid East-West line run by you twelve miles West of the monument and leaving one range of townships South of your aforesaid East and West line to be surveyed by the other Surveyor employed by us to survey on the Eastern boundary, in case he shall be able
able to attend to it before he consents with you.

You will begin and lay out ranges of townships six miles square down to the ninth range or located lands. You will in this way lay out all the undivided lands south of the Monument except the townships to be surveyed by the other Surveys, beginning at the East and proceeding Westwardly as far as you are able. When you find there is not sufficient unlocated land to make a township six miles square you will include it in the adjoining township. Your general object will be to have as few small tracts or gaps of land as may be. The way in which the townships are to be laid out will as far as practicable be delineated on a plan given you, and also the number and mark by which they are to be designated to which you will conform, unless on surveying you find that to be impossible, and in such case will distinctly notice the deviation and the cause of it in your field book. In all your surveys you will carefully mark and spot your ranging line at convenient distances and at the end of every mile from the corner of a township you will make a durable mile mark and note it in your field book, and at the end of each mile you will notice the soil, face of the country, timber and waters in said mile — you will carefully make durable marks and bounds at the corner of each township. By you surveyed, I after completing the survey of a township, you will give as far as you are able a general description of the face of the country, timber, streams, waters and mill sites, on the township that we may be able the better to judge of the relative value of each township. The lines when it is practicable are to run due North and South and East and West — You will notice the variation...
variation of the compass and note the course which you actually run by the needle, on your field book, and the time when you run it. If you find the variation different in different parts of your survey you will note it in your field minutes. You will see that the men under your care and superintendence are faithful and diligent in their respective departments, especially you will be careful that your chainbearers are well instructed in their duty and perform it faithfully. In executing said surveys you will ascertain what settlements, improvements, or depredations are made on the land you survey, and return to us the names of the persons possessing or claiming any right, and the authority by which they claim and the time when they made such settlement or depredation. When you find yourselves obliged to lay out irregular townships you will carefully mark the courses and distances and calculate and place on a map you shall make the quantity of acres in each township. You will run out the exterior lines of each township surveyed by you, but need not re-survey the townships already laid out any further than to ascertain the lines of the townships you survey. We have employed Joseph Norris Esq. to survey two ranges of townships north of the line run by you from the monument abovementioned and have directed him after having completed that survey to come and assist in surveying the township South of the line by you run, West of the Monument, beginning on the first tier of townships in the third range West of the Eastern boundary South of your East & West line, I proceed till he finds you, or finds that you have completed the surveys in that quarter. Should he undertake to survey other part of the land South of said East & West line you will furnish
flourish him with a copy of your instructions so far as relates to such surveys. You will receive these instructions from Daniel Rose and Reuel Williams Esq., two members of the Board of Commissioners with divers documents play as a directory. They will explain to you more fully our views and wishes than we can do in this manner. Their instructions and directions you will attend to as if expressly within this direction. If you find it necessary you will correspond with them and any directions you receive from either of them you will follow. Your maps you will make on a scale of two miles to an inch & lay down the scale on your plan. We feel it to be our duty to press upon you the importance of having the surveys faithfully and accurately performed and the lines & corners so marked that they can be easily traced. Whatever you do perform it well. The evils arising from inaccurate or insufficient survey make it our duty to give these injunctions. You will be careful to make your field book complete at the time and have the original together with a fair copy of it and a map of your survey ready for the inspection of the Commissioners at their next meeting at Portland on the twenty second day of December next.

Boston, July 25, 1825

George Bliss

Cha: Bower
Boni J. Porter
Reuel Williams
William Calvin
Daniel Rose

Attest
James L. Child

Sec'y
To Joseph Norris and Joseph C. Norris

The commissioners under the act providing for the separation of Maine from Massachusetts, at their meeting at Portland in December 1825 having determined to cause a further survey to be made of the undivided lands belonging to Massachusetts and Maine during the next summer, commencing upon the West line of the second range of townships West of the Monument, extending West (between the line running due West from the monument and the river S. John), far enough to include five additional ranges of townships, and possessing confidence in your skill and integrity as a surveyor, do hereby appoint you the said Joseph and Joseph C. to make said survey or such part thereof as may be in your power to accomplish in the course of next season.

To enable you to more easily understand the territory to be surveyed, the manner of laying it into townships, or the mode of numbering the ranges of townships, you will be furnished with a plan representing the territory to be surveyed and the adjoining lands already surveyed, by which you will be governed, as far as can conveniently be done, in making your survey, a plan—the range lines are to be run parallel with the West line of the second range of townships lately marked by Joseph Norris, and the check line parallel with the line run West from the Monument lately marked by Joseph C. Norris— the townships are to be six miles square, or the corners of the townships in the third range are to be made upon the line marked by Joseph Norris for the West line of the second range of whenever former locations extend West of that line, you will ascertain
the extent of such interference represent it upon your plan by dotted lines - the corners of townships on the line running west from the monument are to conform to it be the same as the corners on that line made by Joseph C Morris.

In making this survey you will carefully ascertain and note the variation of the magnetic needle from the true north as frequently as may be useful and convenient, and state such variation as well as the course you run by the needle in your field book. You will cause all your lines to be well dotted at the termination of every mile from the corner of a township you will make a durable mile mark indicating the distance from the corner and note such mark in your field book and upon what object it is made - at all corners of townships you will mark in a conspicuous and durable manner the numbers of the townships and ranges and note the same and the object marked in your field book.

As you proceed in running your lines you will carefully observe the face of the country, the growth of wood and timber, the streams, the width where crossed, the size of the objects, indicating the good or bad quality of the land and the relative value of the several parts, and note the same with fidelity in your field book from day to day - after completing the survey of a township you will make a faithful general description of its quality and of its advantages and disadvantages that we may be able to judge of the relative value of each township. You will also ascertain if any persons have entered upon any of the townships, if any are making improvements, if any, note their names, the extent of their claims, and improving the time when they entered, under whom they claim — you will further ascertain and note what depredations have been committed on the timber in the several townships, by whom and under what authority done - you will be furnished with a copy of Jos. C Morris field notes describing the line run by
by him last year due West from the Monument to Mount Katahdin, and you are to extend that line, due West, from
where Norris left it until it shall meet Moose head lake, or in-
tersect the East line of some township already located (or in case
such line shall go North of the township at the head of the lake lo-
cated for the Plymouth Company) until you are opposite to that town-
ship & then run South until you intersect the North line of that
township & thence to the North East corner of it so that we may know
the exact distance from the Monument to the lake, or to land al-
ready located. Should your line intersect the lake South of the
Plymouth Company's township, or the East line of that township
you will then run & measure to the nearest corner of it to
note the course & distance & lay it down on your plan that we
may know the relative position of the lake with the Monu-
ment.

This line running West will pass over Mount Katahdin & thro
Chesuncook lake & will require great care, attention & skill
to have it accurate & you must be watchful that you are not
carried from your true course by attraction of the needle or
any other cause— you will on this line continue mile
marks from Norris' mile tree & note the quality of the
land where you run, the growth of wood, lakes, ponds, & streams
& also note the appearance of the country, North & South of your
line as far as you can discern & describe the same, from the high
lands over which you will pass. To aid you in this part of the
Survey we furnish an extract from the map of Maine represent-
ing the territory where your line will pass, an eye sketch taken
by Norris on Mount Katahdin, & a description of the North East &
South East corner of the Plymouth Company's township, which
township will readily be known from its having been lotted—

In making the survey you are to employ faithful and
experienced chainbrakers, who are to make exact horizontal
measure, & active able bodied men as spotters & baggage men, you are particularly instructed to see that they all act faithfully & diligently in their respective employments.

You will receive these instructions from George Bliss, and Revd William, Esq, two members of the board of commissioners together with the plans & documents referred to, & you are to conform to such further instructions as they may give in the premises & you may correspond with them should you wish further directions or advise relative to the survey.

You will make & return duplicate maps of your survey on parchment, by a scale of two miles to one inch, & return duplicate copies of your field notes.

We feel it to be our duty to stress upon you the importance of making the survey accurately & faithfully & of having the lines & corners so marked that they can easily be found & understood. What you do perform it well - the evils resulting from inaccurate or insufficient surveys make it incumbent on us to give these injunctions.

Portland Dec 31, 1825.

George Bliss
Benj J. Porter
Cha F Tuner
Rvd William
Elas Halasan
Daniel Rose.
To Joseph Norris Esq.
The Commissioners under the act providing for the separation of Maine from Massachusetts, at their meeting held at Boston in December 1824, have determined to cause a further survey to be made during the next season of the unlocated lands belonging to the two States, lying South of the line run due West from the monument by Joseph Norris & Joseph B. Norris in 1825 & 1826, and the north line of the fourth range North of Bingham's Kennebec purchase, and East of No. 3 in the 1st 23° 41' of said range, and North and East of Bingham's Kennebec purchase and North of the ninth and tenth ranges North of the Waldo patent, and West of the seventh range West of the boundary line except such parts of this tract as have been located & conveyed. — To enable you the more easily to ascertain the territory to be surveyed, I understand the manner of laying it into townships, and the mode of numbering the ranges, and townships, you will be furnished with a plan representing the tract to be surveyed, by which you will be governed in making your survey, and plan, as far as the same may be applicable to the actual situation of the territory to be surveyed. The range lines are to be run parallel with the west line of the seventh range of township, West of the boundary line as run by Norris & McMillan in 1825, and at right angles with the line run due West from the Monument. But should these lines be found, not to be at right angles with each other, then your range lines are to conform.
and be at right angles with, the said line run due West from the Monument, and your check lines are to be run parallel with the same; as far West as the said due West line is run and to Moore head lake or the land, located on it. When the territory will admit of it, you are to lay out the townships exactly six miles square, as near as practicable, and extend the range from the Monument line, South, to the located land. The tract West of Moore head lake is to be laid into townships, and parts of townships, to conform to the ranges of townships, North of Bingham's Purchase. The tract South of the Plymouth Company's township and marked W. is to be run, and marked as a separate tract. In the tract South of the Monument line, when in any part of that territory there is not sufficient unlocated land to make a township, equal to a township six miles square, you will include it in the adjoining township, unless otherwise marked upon the plan accompanying this. Your general object respecting the irregular shaped parts of the territory will be to have as few fractional parts, and go as possible.

The lines of the located land, you will trace from the return, plans of the same, and the actual boundary, on the land. You will notice and enter in your field book, where the lines you run intersect the lines of located land, and where they can be conveniently done; and when you find the lines of any location, already made, to vary from the plan, or description of the same, you will particularly note it in your field book. You will not mark any lines or erect any monuments within the bounds of any located land; but should it be necessary for you to run thro' any such land, you will do it, without marking your lines, carefully noting the distance through the same in your
field book. You will run out, measure, and mark all the exterior lines of the townships you survey, except where they are bounded on located lands: such lines you need not resurvey, mark and only measure such parts, or may be necessary to ascertain their relative position, or to ascertain the contents of any of the townships you shall survey. When in making the survey your line shall intersect any line previously run by you, or others in your employ you will note in your field book whether the line last run intersected the former line, and at the six mile mark, and if not, at what distance from such mark, and whether you do, or do not make such six mile mark the corner of a township and if you do not make such six mile object, the corner you will note in your field book the reason for not doing it. You will be careful at all corners of townships to mark in a durable and conspicuous manner, the number of the townships and ranges so that it may be easily ascertained to which they refer, and note such marks, and the object on which made in your field book. You will cause all your lines to be well marked and spotted; and at the termination of every mile from the corner of a township, you will make a durable mile mark indicating the distance from the corner, and note such mile mark in your field book, and upon what object it is made. As you proceed in running your lines, you will carefully observe the face of the country, the growth of wood the quantity and quality of timber, the streams, lakes, and ponds, and their width where you pass them, the mile sites, mountains, heaths, swamps, bogs, and all objects indicating the good or bad quality of the soil or in any way showing the real and relative value of the several parts of the territory and carefully note the same with fidelity in your field book.
book from day to day. You will date your field book from day to day and enter the several transactions of your survey as they occur at the time they actually take place, and complete the same on the spot. Should you at any time find it necessary to alter any of your lines, marks, or monuments, you will note such alterations in your field book as of the date when made, and not alter the entries formerly made; but you will so enter the several transactions in your field book that it may be a faithful narrative of occurrences as they happen from day to day. You will add from time to time, or at the end of your field book, such observations and explanations as you may deem necessary.

You will ascertain the variation of the compass as nearly as practicable as often as it can be conveniently done and enter the same at the time and place where ascertained in your field book. You will state how all your lines are run by the magnetic needle in your field book.

When from the intervention of insurmountable obstacles, it may be necessary to ascertain any distance, otherwise than by actually measuring the same on the ground, you will enter in your field book, the process by which you ascertain the same. In making this survey the measure is to be exactly horizontal as far as practicable. You will employ faithful, intelligent and experienced chainmen, and all your assistants are to be faithful and capable of performing the duty assigned them. Should you find it necessary to employ aboriginal surveyors, you will take care to employ men of integrity and good judges of the quality of land well skilled in surveying; and see that the duty you assign them is faithfully performed. In surveying the townships on the line run due West from the Monument, it will be
necessary to ascertain and mark that line from Mount Katahdin to the Sucker lake or such parts thereof as is not already marked. Should you find it impracticable to run and mark some part of this line on the land you will make such offsets as may be necessary, and ascertain the same as near as practicable and run and mark such parts of it as can be done. It is desirable that the range and check lines of all the townships shall be run and marked, but should the mountainous and inaccessible nature of any part of the territory render this impracticable; you will run and mark the line as far as you can do it, and ascertain and mark the corners of the townships wherever it can be done. In executing this survey you will ascertain as far as you conveniently can what settlements, improvements, and depositions are made on the unlocated lands; you survey and return to us the name of person occupying any improvements, and the right by which they claim, the time when they commenced their settlement, the extent of their improvements, also the names of all persons who commit depositions, if known, and the extent of such improvements and depositions on the public land, as far as you can ascertain the same.

You will make and return duplicate maps of your survey, made on parchment, by a scale of two miles to one inch, and duplicate copies of your field book and notes, each copy contained in one book, and in addition to the said copies you will make an abstract of the boundaries of each township, and a statement of the quality of the land in each township according to the best of your knowledge and belief. You will also return to us your original field book and notes for inspection.
to press upon you the importance of making the survey faithfully and accurately and of having the lines and corners so marked that they can be easily found and understood. What you do, perform it well. The evils resulting from inaccurate or insufficient surveys make it incumbent on us to give you these injunctions.

Boston Dec 30, 1826

Benj. J. Porter
Chrl. Famuer
Remi Williams
Silas Holman
Daniel Rose

Albert
James Child
Secy