

REPORT

OF THE

ADJUTANT GENERAL

OF THE

STATE OF NEW JERSEY,

FOR THE YEAR ENDING OCTOBER 31st,

1879.

TRENTON, N. J.:
WM. S. SHARP, PRINTER AND STEREOTYPER.

1879.

REPORT.

STATE OF NEW JERSEY,
ADJUTANT GENERAL'S OFFICE,
TRENTON, October 31st, 1879, }

To his Excellency George B. McClellan, Governor and Commander-in-Chief:

SIR:—I have the honor to submit the following report of this Department for the year 1879:

Office Business.—A large amount of current office work has been transacted during the past year. The constant demand for proof of military service has required frequent close examination of our records, the careful preparation of documents and a large amount of correspondence.

Pensions.—By the second section of the supplement to the act entitled "An act for the relief of soldiers and sailors of this State in the war of eighteen hundred and twelve," which supplement was approved April 5th, 1878, I was required to present to the Pension Office at Washington the claims of the soldiers and sailors of the war of 1812, who are entitled to pensions, under an act of Congress, approved March 9th, 1878, and to procure the payment of their pensions from the general government without expense to the pensioners. The pension rolls of the State at the date of my last report contained the names of two hundred and eight (208) persons, whom it was believed were entitled to pension from the United States, and if their claims were audited by the proper officer of the government, then not entitled to pension from New Jersey. Of the two hundred and eight (208) State pensioners I have filed applications for one hundred and ninety-eight (198), and have prosecuted to a settlement and allowance one hundred and seventy-three (173), whose pensions have been canceled of record on the pension list of the State, and are now inscribed on the pension rolls of the United States. This has saved the treasury of the State, since March, 1878, about thirty thousand dollars (\$30,000), and will continue to save it for several years nearly eighteen thousand dollars (\$18,000) per annum. Six (6) applications have been rejected because of insufficient service, as required by the amended act of Congress,

and these have been restored to the State roll, as provided by our law. Nineteen (19) applications, nine (9) of which the applicant has since died, are still pending before the Commissioner of Pensions, with a probability of settlement at an early day. Our State list still contains sundry soldiers and sailors who served as a guard on the sea-coast, by order of Governor William S. Pennington, in the year 1814. These men were not mustered into the United States service, and the government does not now recognize them, nor will it pay them pensions. But they were enrolled in the service of this State, performed the duty as required, and were paid by the State for service in the war of 1812. These soldiers, sailors and their widows, provided they were married prior to January 1st, 1825, in all thirty-three (33) persons, are now the recipients of pension relief from this State.

The present condition of the pension account of this office may be seen by this statement:

| | |
|--|-----|
| Number receiving pension at date of last report..... | 36 |
| Number of pensions allowed and added to the State pension roll since last report..... | 2 |
| Number of pension applications rejected by pension department of United States and returned to State pension roll, | 4 |
| Number of pensioners died since last report | 9 |
| Number of pensions paid by the State at this date..... | 33 |
| Number of applications filed by this office at the pension department | 198 |
| Number allowed..... | 173 |
| Number rejected..... | 6 |
| Number now pending..... | 19 |

Records of the Office.—I feel I would be derelict in my duty if I failed at this time to call your especial attention to the insecurity of the valuable records filed in this office. When I know that this department contains the military history of New Jersey for one hundred and twenty-five years more complete, more reliable in every respect than that of any other office of the kind in the Union, and when I know that it is every moment subject to destruction by fire, in a room every portion of the woodwork of which is steam-dried and very inflammable, I care not personally to assume the responsibility for the preservation of these valuable records a single hour, and wish publicly to relieve myself from any apparent neglect should fire at any time sweep away the original documents which prove the bravery of Jersey men, living and dead, on hundreds of battlefields. Every one of these records should be in a fire-proof room, and I respectfully call your attention to this matter. I feel,

at any rate, that I have done my duty in thus strongly urging the attention of the proper officials to the subject.

National Guard.—The National Guard of this State is composed of forty-seven (47) companies of Infantry, one (1) Battery of Artillery, and two (2) Gatling Gun Companies. This force stands exactly as it did last year—one new company organized and one disbanded.

Orders.—General orders have been issued from this office directing the detail of a competent officer to instruct the military force of this State in rifle practice at the various armories; announcing the passage of certain acts for the relief of the National Guard called into active service in July and August, 1877, for the preservation of the public peace; announcing a supplement to the National Guard act; granting permission for the members of the National Guard of other States to enter this State for the purpose of practice at any of the rifle ranges in New Jersey; announcing the appointment of the General Inspector; expressing the gratification of the Commander-in-Chief at the skill exhibited by the team of this State at the recent fall meeting at Creedmoor; and publishing the uniform full dress and undress uniform of the officers, and the regulation uniform for active service for enlisted men, with the proper equipments, which had been adopted by the State Military Board, and approved by the Governor.

Records of the National Guard.—A complete record of the service of officers and men in the National Guard since its organization, in 1869, is in process of compilation for the use of the office. It has been difficult heretofore to make this record absolutely correct, as clerical errors have in the past crept into all muster and inspection rolls. Now, however, by the system of quarterly returns, commenced by your order last year, we are enabled to keep the history of the service of each soldier complete and correct.

Commissions.—The number of officers commissioned during the year is fifty-nine (59); the number resigned twenty-four (24), and one (1) honorably discharged; one (1) officer has been retired by the Division Commander, and seven (7) commissions have been returned and canceled.

Discharges.—During the year one hundred and sixty-one (161) men have been honorably discharged on account of expiration of term of service.

Reports.—The annual report of the Assistant Adjutant General,

Chief of Enrolling and Drafting, has been received, and is herewith submitted.

The annual report of the General Inspector, with returns of Brigade Inspectors of the National Guard, is annexed, to which you are referred for special information as to its numbers and general efficiency.

The annual report of the General Inspector of Rifle Practice is also submitted.

Rifle Practice.—It is evident that every nation must possess at all times a power able to secure the enforcement of its laws, and when lawless combinations are formed, resort must finally be had to a strong military force. It is therefore necessary that this force should not only be well regulated and disciplined, but skilled in the weapons they are called upon to use. At this time it is all important that the soldier should be carefully trained to make his fire effective. With this end in view, the troops of this State during last winter were carefully instructed in rifle practice in their armories. The report of Col. Lodor, Assistant Adjutant General on Division Staff of the National Guard, who was detailed as instructor, is herewith subjoined, to which you are referred for special details of the instruction given and proficiency attained. He is entitled to great praise for the zeal he displayed, and the careful manner in which the instruction was imparted, and I am satisfied that his labors were fully appreciated by the Guard. A description of the ammunition used in the practice will appear in the report of the Quartermaster General of this date. To this official the service is greatly indebted for the perfect manner in which he has made the reduced cartridge, now used in armory practice, and the great facility with which it is manufactured under his direction. Every company of the National Guard has been furnished during the season with frequent occasions of practice, at the range of the New Jersey State Rifle Association, at Brinton, and the Stockton Rifle Range Association, at Camden. At the Inter State match at Credmoor, during the fall meeting, the team from this State entered into active competition with the best riflemen of the country, and the result is shown in the report of the captain of the team, which accompanies this document.


Improvement of the Military Force.—Much attention has been given by the State Military Board to the subject of a uniform service dress for the Guard. It has been found in the past that the expensive dress of the present force will not stand the wear of an active campaign, and it has been for many years believed that a neat serviceable, not expensive dress, of good materials, attractive, but not gaudy in appearance, and of perfect fit, would commend itself

to the troops of the State for a service dress. Such a uniform has been adopted and approved, and when it can be furnished it is confidently believed that they will present an appearance equal, if not superior, to the best military organizations of the country. The bill of dress accompanies this report.

A roster of the National Guard is added.

Respectfully submitted,

WILLIAM S. STRYKER,
Adjutant General of New Jersey.



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REPORT OF ASSISTANT ADJUTANT GENERAL.

STATE OF NEW JERSEY,
ADJUTANT GENERAL'S OFFICE,
BUREAU OF ENROLLING AND DRAFTING,
TRENTON, October 31st, 1879. }

GENERAL:—In pursuance of your requirement for a report of the number of the reserve militia of this State, a statement showing the distribution of the same by counties, is herewith furnished, viz.:

| | | | |
|-----------------|--------|----------------|---------|
| Atlantic..... | 2,699 | Middlesex..... | 11,735 |
| Bergen..... | 8,848 | Monmouth..... | 11,964 |
| Burlington..... | 13,086 | Morris..... | 11,324 |
| Camden..... | 12,991 | Ocean..... | 3,543 |
| Cape May..... | 2,010 | Passaic..... | 13,103 |
| Cumberland..... | 8,948 | Salem..... | 5,767 |
| Essex..... | 40,832 | Somerset..... | 7,096 |
| Gloucester..... | 6,309 | Sussex..... | 5,997 |
| Hudson..... | 38,270 | Union..... | 12,414 |
| Hunterdon..... | 9,286 | Warren..... | 9,573 |
| Mercer..... | 12,302 | | |
| Total.... | | | 248,127 |

Although no actual enrollment has been made for the current year, it is believed that there is no material change in the number of the reserve militia since last report.

Very respectfully your obedient servant,

S. M. DICKINSON,
Colonel, and Assistant Adjutant General of N. J.

To Bvt. Maj. Gen. WILLIAM S. STRYKER, *Adj't Gen'l of N. J.*

REPORT OF INSPECTOR GENERAL.

STATE OF NEW JERSEY,
OFFICE OF GENERAL INSPECTOR,
JERSEY CITY, October 31st, 1879. }

GENERAL:—I have the honor to submit herewith my annual report, and transmit the Inspection returns of the National Guard of New Jersey.

The total number present for duty at Inspection and Muster was two thousand three hundred and seven (2307) enlisted men, and two hundred and fourteen (214) officers.

The total absentees consisted of six hundred and twenty-nine (629) men, and twenty-three (23) officers.

The organization of the National Guard consists of forty-seven (47) companies of Infantry, two (2) Gatling Gun companies, and one (1) Battery of Artillery.

The Infantry companies have in their possession two thousand five hundred and thirty-four (2534) Springfield B. L. rifles, cal. .45, and the Gatling Gun companies have each two Gatling guns, cal. .45.

Gatling Gun Company A is also armed with B. L. rifles, cal. .45, and Gatling Gun Company B with Artillery short swords.

These arms are all in serviceable condition as far as shown by the returns, and to which I respectfully refer.

The average attendance at Inspection and Muster in the First Brigade, composed of the First, Fourth, Fifth and Ninth Regiments, and Second Battalion of Infantry and Battery A, Artillery, was forty-nine and three-fourths ($49\frac{3}{4}$), and in the Second Brigade, composed of the Third, Sixth and Seventh Regiments of Infantry and Gatling Gun Company B, was forty-three and three-tenths ($43\frac{3}{10}$.)

Since the annual Inspection and Muster, Company A, Third Regiment, located at Elizabethport, was disbanded, and a new company, located at Asbury Park, mustered into the National Guard, and attached to the Third Regiment, being designated Company A. Its strength at muster-in was three (3) officers and fifty-one (51) men.

Gatling Gun Company A, unattached, had but four (4) men absent, out of a total strength of fifty-six (56.)

The aggregate strength, as shown by the Inspector General's Report of 1878, was two hundred and thirty-four (234) officers, and two thousand nine hundred and forty six (2946) men.

The present report shows an increase of forty-seven (47) in strength.

Company E, Sixth Regiment, having but thirty-five (35) present at inspection, and report (17) absent, I respectfully recommend that the company be disbanded.

The serviceable arms and equipments were in good condition, but many companies are not fully armed and equipped, and would be unable to muster full strength properly equipped.

A large percentage of the belts, belt plates and cartridge boxes, are unserviceable.

The armories of the several commands are in good condition, but are inadequate to the services required.

Since the last annual inspection, Battery A has moved into new quarters.

The headquarters of the Battery are now at Jersey City.

Proper care should be taken in the enlistment of recruits by company commandants, to have all the requirements properly attended to as prescribed by law.

A uniform system of regimental and company records should be adopted and required to be kept at regimental and company headquarters; in this they are very deficient.

I am, General, very respectfully,

Your obedient servant,

WM. H. STERLING,
General Inspector.

To Bvt. Maj. Gen. WILLIAM S. STRYKER, *Adjutant General.*

INSPECTION RETURN OF THE NATIONAL GUARD.

FIRST BRIGADE.

| FIRST REGIMENT. | Officers present. | Men present. | Total present. | Officers absent. | Men absent. | Total absent. | Aggregate. | Aggregate at last annual inspection. |
|----------------------|-------------------|--------------|----------------|------------------|-------------|---------------|------------|--------------------------------------|
| Field and Staff..... | 8 | 8 | 16 | 1 | ..... | 1 | 17 | 12 |
| Company A..... | 2 | 44 | 46 | 1 | 20 | 21 | 67 | 75 |
| Company B..... | 1 | 47 | 48 | ..... | 9 | 9 | 57 | 63 |
| Company C..... | 2 | 52 | 54 | 1 | 7 | 8 | 62 | 65 |
| Company D..... | 2 | 40 | 42 | 1 | 28 | 29 | 71 | 68 |
| Company E..... | 2 | 54 | 56 | ..... | 7 | 7 | 63 | 65 |
| Company F..... | 1 | 51 | 52 | 1 | 20 | 21 | 73 | 64 |
| | 18 | 296 | 314 | 5 | 91 | 96 | 410 | 412 |

FIRST BRIGADE—CONTINUED.

| FOURTH REGIMENT. | Officers present. | Men present. | Total present. | Officers absent. | Men absent. | Total absent. | Aggregate. | Aggregate at last annual inspection. |
|----------------------|-------------------|--------------|----------------|------------------|-------------|---------------|------------|--------------------------------------|
| Field and Staff..... | 9 | 8 | 17 | 1 | ..... | 1 | 18 | 15 |
| Company A..... | 2 | 44 | 46 | ..... | 14 | 14 | 60 | 67 |
| Company B..... | 2 | 48 | 50 | ..... | 2 | 2 | 52 | 51 |
| Company C..... | 3 | 54 | 57 | ..... | 9 | 9 | 66 | 59 |
| Company D..... | 3 | 50 | 53 | ..... | 9 | 9 | 62 | 64 |
| Company E..... | 3 | 49 | 52 | ..... | 6 | 6 | 58 | 55 |
| Company F..... | 3 | 60 | 63 | ..... | 8 | 8 | 71 | 70 |
| | 25 | 313 | 338 | 1 | 48 | 49 | 387 | 381 |

ADJUTANT GENERAL'S REPORT

FIRST BRIGADE—CONTINUED.

| FIFTH REGIMENT. | | | | | | | |
|----------------------|-------------------|--------------|----------------|------------------|-------------|---------------|--------------------------------------|
| | Officers present. | Men present. | Total present. | Officers absent. | Men absent. | Total absent. | Aggregate. |
| | | | | | | | Aggregate at last annual inspection. |
| Field and Staff..... | 9 | 7 | 16 | ..... | 1 | 1 | 17 |
| Company C..... | 12 | 46 | 48 | ..... | 11 | 11 | 59 |
| Company D..... | 2 | 45 | 47 | ..... | 8 | 8 | 55 |
| Company E..... | 3 | 65 | 68 | ..... | ..... | ..... | 68 |
| Company F..... | 2 | 42 | 44 | ..... | 12 | 12 | 56 |
| Company G..... | 3 | 45 | 48 | ..... | 7 | 7 | 55 |
| Company H..... | 1 | 43 | 44 | ..... | 10 | 10 | 54 |
| | 22 | 293 | 315 | ..... | 49 | 49 | 364 |
| | | | | | | | 356 |

FIRST BRIGADE—CONTINUED.

| NINTH REGIMENT. | | | | | | | |
|----------------------|-------------------|--------------|----------------|------------------|-------------|---------------|--------------------------------------|
| | Officers present. | Men present. | Total present. | Officers absent. | Men absent. | Total absent. | Aggregate. |
| | | | | | | | Aggregate at last annual inspection. |
| Field and Staff..... | 8 | 6 | 14 | 1 | 1 | 2 | 16 |
| Company A..... | 2 | 42 | 44 | ..... | 15 | 15 | 59 |
| Company B..... | 3 | 46 | 49 | ..... | 10 | 10 | 59 |
| Company C..... | 3 | 42 | 45 | ..... | 16 | 16 | 61 |
| Company D..... | 2 | 41 | 43 | ..... | 12 | 12 | 55 |
| Company E..... | 1 | 48 | 49 | ..... | 3 | 3 | 52 |
| Company F..... | 2 | 47 | 49 | ..... | 9 | 9 | 58 |
| | 21 | 272 | 293 | 1 | 66 | 67 | 360 |
| | | | | | | | 367 |

FIRST BRIGADE—CONTINUED.

| SECOND BATTALION. | | | | | | | |
|----------------------|-------------------|--------------|----------------|------------------|-------------|---------------|--------------------------------------|
| | Officers present. | Men present. | Total present. | Officers absent. | Men absent. | Total absent. | Aggregate. |
| | | | | | | | Aggregate at last annual inspection. |
| Field and Staff..... | 6 | 2 | 8 | ..... | ..... | ..... | 8 |
| Company A..... | 3 | 48 | 51 | ..... | 4 | 4 | 55 |
| Company B..... | 3 | 42 | 45 | | 17 | 17 | 62 |
| Company C..... | 3 | 49 | 52 | | 7 | 7 | 59 |
| | 15 | 141 | 156 | | 28 | 28 | 184 |
| | | | | | | | 185 |

ADJUTANT GENERAL'S REPORT.

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FIRST BRIGADE—CONTINUED.

| BATTERY A. | Officers present. | Men present. | Total present. | Officers absent. | Men absent. | Total absent. | Aggregate. | Aggregate at last annual inspection. |
|----------------|-------------------|--------------|----------------|------------------|-------------|---------------|------------|--------------------------------------|
| Battery A..... | 2 | 76 | 78 | 1 | 48 | 49 | 127 | 118 |

SECOND BRIGADE.

| THIRD REGIMENT. | Officers present. | Men present. | Total present. | Officers absent. | Men absent. | Total absent. | Aggregate. | Aggregate at last annual inspection. |
|----------------------|-------------------|--------------|----------------|------------------|-------------|---------------|------------|--------------------------------------|
| Field and Staff..... | 6 | 8 | 14 | 4 | ..... | 4 | 18 | 16 |
| Company A*..... | 3 | 51 | 54 | ..... | ..... | ..... | 54 | 54 |
| Company B..... | 3 | 45 | 48 | ..... | 26 | 26 | 74 | 75 |
| Company C..... | 3 | 58 | 61 | ..... | 15 | 15 | 76 | 75 |
| Company D..... | 2 | 36 | 38 | 1 | 26 | 27 | 65 | 65 |
| Company F..... | 3 | 34 | 37 | ..... | 18 | 18 | 55 | 57 |
| Company G..... | 3 | 57 | 60 | ..... | 3 | 3 | 63 | 60 |
| | 23 | 289 | 312 | 5 | 88 | 93 | 405 | 402 |

SECOND BRIGADE—CONTINUED.

| SIXTH REGIMENT. | Officers present. | Men present. | Total present. | Officers absent. | Men absent. | Total absent. | Aggregate. | Aggregate at last annual inspection. |
|----------------------|-------------------|--------------|----------------|------------------|-------------|---------------|------------|--------------------------------------|
| Field and Staff..... | 8 | 4 | 12 | 2 | 3 | 5 | 17 | 12 |
| Company A..... | 3 | 41 | 44 | ..... | 17 | 17 | 61 | 62 |
| Company B..... | 3 | 40 | 43 | ..... | 7 | 7 | 50 | 64 |
| Company C..... | 3 | 51 | 54 | ..... | 10 | 10 | 64 | 58 |
| Company D..... | 3 | 38 | 41 | ..... | 20 | 20 | 61 | 66 |
| Company E..... | 2 | 33 | 35 | ..... | 17 | 17 | 52 | 56 |
| Company F..... | 2 | 47 | 49 | ..... | 3 | 3 | 52 | 53 |
| Company H..... | 2 | 44 | 46 | 1 | 15 | 16 | 62 | 63 |
| Company K..... | 3 | 39 | 42 | ..... | 13 | 13 | 55 | 55 |
| | 29 | 337 | 366 | 3 | 105 | 108 | 474 | 489 |

*New Company.

ADJUTANT GENERAL'S REPORT.

SECOND BRIGADE—CONTINUED.

| SEVENTH REGIMENT. | Officers present. | Men present. | Total present. | Officers absent. | Men absent. | Total absent. | Aggregate. | Aggregate at last annual inspection. |
|----------------------|-------------------|--------------|----------------|------------------|-------------|---------------|------------|--------------------------------------|
| Field and Staff..... | 6 | 2 | 8 | 3 | ..... | 3 | 11 | 10 |
| Company A..... | 2 | 45 | 47 | 1 | 20 | 21 | 68 | 53 |
| Company B..... | 3 | 45 | 48 | ..... | 18 | 18 | 66 | 62 |
| Company C..... | 3 | 43 | 46 | ..... | 19 | 19 | 65 | 60 |
| Company D..... | 2 | 40 | 42 | 1 | 13 | 14 | 56 | 75 |
| Company E..... | 3 | 48 | 51 | ..... | 3 | 3 | 54 | 57 |
| Company F..... | 3 | 40 | 43 | ..... | 13 | 13 | 56 | 59 |
| | 22 | 263 | 285 | 5 | 86 | 91 | 376 | 376 |

| GATLING GUN COMPANY B. | Officers present. | Men present. | Total present. | Officers absent. | Men absent. | Total absent. | Aggregate. | Organized since last inspection. |
|----------------------------|-------------------|--------------|----------------|------------------|-------------|---------------|------------|----------------------------------|
| Gatling Gun Company B..... | 1 | 27 | 28 | ..... | 15 | 15 | 43 | ..... |

UNATTACHED TO ANY BRIGADE.

| GATLING GUN COMPANY A. | Officers present. | Men present. | Total present. | Officers absent. | Men absent. | Total absent. | Aggregate. | Aggregate at last annual inspection. |
|----------------------------|-------------------|--------------|----------------|------------------|-------------|---------------|------------|--------------------------------------|
| Gatling Gun Company A..... | 4 | 52 | 56 | ..... | 4 | 4 | 60 | 56 |

RECAPITULATION OF INSPECTION RETURNS.

| ORGANIZATIONS. | Officers present. | Men present. | Total present. | Officers absent. | Men absent. | Total absent. | Aggregate. | Aggregate at last annual inspection. |
|--|-------------------|--------------|----------------|------------------|-------------|---------------|------------|--------------------------------------|
| Commander-in-Chief and Staff..... | 8 | ..... | 8 | ..... | ..... | ..... | 8 | 10 |
| Department Staff..... | 3 | ..... | 3 | ..... | ..... | ..... | 3 | ..... |
| Maj. Gen. of Division and Staff..... | 9 | ..... | 9 | 1 | ..... | 1 | 10 | 10 |
| Brig. Gen. First Brigade and Staff..... | 8 | ..... | 8 | ..... | ..... | ..... | 8 | 9 |
| Brig. Gen. Second Brigade and Staff..... | 6 | ..... | 6 | 2 | ..... | 2 | 8 | 9 |
| | 34 | ..... | 34 | 3 | ..... | 3 | 37 | 38 |
| FIRST BRIGADE. | | | | | | | | |
| First Regiment..... | 18 | 296 | 314 | 5 | 91 | 96 | 410 | 412 |
| Fourth Regiment..... | 25 | 313 | 338 | 1 | 48 | 49 | 387 | 381 |
| Fifth Regiment..... | 22 | 293 | 315 | ..... | 49 | 49 | 364 | 356 |
| Ninth Regiment..... | 21 | 272 | 293 | 1 | 66 | 67 | 360 | 367 |
| Second Battalion..... | 15 | 141 | 156 | ..... | 28 | 28 | 184 | 185 |
| Battery A..... | 2 | 76 | 78 | 1 | 48 | 49 | 127 | 118 |
| | 103 | 1391 | 1494 | 8 | 330 | 338 | 1832 | 1819 |
| SECOND BRIGADE. | | | | | | | | |
| Third Regiment..... | 23 | 289 | 312 | 5 | 88 | 93 | 405 | 402 |
| Sixth Regiment..... | 29 | 337 | 366 | 3 | 105 | 108 | 474 | 489 |
| Seventh Regiment..... | 22 | 263 | 285 | 5 | 86 | 91 | 376 | 376 |
| Gatling Gun Company B..... | 1 | 27 | 28 | ..... | 15 | 15 | 43 | ..... |
| | 75 | 916 | 991 | 13 | 294 | 307 | 1298 | 1267 |
| GATLING GUN. | | | | | | | | |
| Company A (unattached)..... | 4 | 52 | 56 | ..... | 4 | 4 | 60 | 56 |
| Grand total..... | 216 | 2359 | 2574 | 24 | 628 | 652 | 3227 | 3180 |

REPORT OF GENERAL INSPECTOR OF RIFLE PRACTICE.

STATE OF NEW JERSEY,
OFFICE OF GENERAL INSPECTOR,
AND INSPECTOR OF RIFLE PRACTICE,
JERSEY CITY, October 31st, 1879. }

GENERAL:—I have the honor to submit herewith my report of rifle practice during the past year, of the National Guard of New Jersey.

In accordance with an act of the Legislature authorizing the Governor and Commander-in-Chief to contract with any association in the state having a rifle range, for the use of said range by the National Guard of the State, for the perfection of the force in rifle practice, it has been deemed expedient to further the development of the use of the rifle by the troops, to contract with the "Stockton Rifle Association," of Camden, for the use of their range by the National Guard. The contract stipulates for the use of the range with markers and all necessary appurtenances, three days in each week, from the 1st day of May until the 1st day of November, and at such other times that the Commanding General may require, due notice being given to the proper officers of the association.

At the fall meeting on Brinton Range I introduced the long-range military shooting—eight hundred (800), one thousand (1000) and twelve hundred (1200) yards. The latter distance is the longest range ever fired by military arms upon any range, and I am much pleased to say the result has exceeded all expectation. It is my intention, the coming year, to continue and encourage the long-range practice. I herewith present a summary of the details of the match:

| | 800 yards. | 1000 yards. | 1200 yards. | Total. | Rifle used. |
|--|---------------|----------------|----------------|--------|--------------|
| Col. D. Lodor, A. A. Gen..... | 20 | 0 | 0 | 20 | Sharp. |
| Col. B. F. Hart, 9th Reg..... | 14 | 13 | 0 | 27 | Sharp. |
| Lieut.-Col. G. E. P. Howard, 1st Brig..... | 15 | 5 | 0 | 20 | Springfield. |
| Lieut.-Col. Wm. B. Shafer, 4th Reg..... | 21 | 2 | 4 | 27 | Sharp. |
| Capt. T. W. Griffith, 9th Reg..... | 15 | 0 | 2 | 17 | Springfield. |
| Capt. Wm. P. Wood, 9th Reg..... | 15 | 15 | 0 | 30 | Springfield. |
| Lieut. L. R. Greve, 9th Reg..... | 14 | 16 | 4 | 34 | Sharp. |
| Capt. B. P. Holmes, 3d Reg..... | 19 | 10 | 0 | 29 | Sharp. |
| Lieut. Isaac R. Denman, 1st Reg..... | 21 | 9 | 8 | 38 | Sharp. |
| Private C. M. Stimes..... | 6 | 0 | 0 | 6 | Springfield. |
| Maj. J. C. Owens..... | 2 | 2 | 0 | 4 | Sharp. |
| Private Frank H. Lalor..... | 4 | 0 | 0 | 4 | Springfield. |
| Private W. R. Stevens..... | 2 | 0 | 0 | 2 | Springfield. |
| Private C. Peck..... | 2 | 0 | 0 | 2 | Springfield. |
| Lieut. Charles Koelble..... | 0 | 0 | 0 | 0 | Springfield. |
| Capt. Geo. B. Fielder..... | 0 | 0 | 0 | 0 | Springfield. |

In February, the Acting Chief of Ordnance perfected a reduced cartridge, designed for armory rifle practice, and also contrived butts and shields for bullet stoppers.

Upon my recommendation, Colonel D. Lodor, Assistant Adjutant General of the National Guard, was detailed to visit the armories of the several organizations throughout the State, and instruct officers and men in the use of the rifle. For the details of his labors and duties performed, I respectfully refer you to his reports on file in the office of the Adjutant General of the State.

Early in May, instructions were issued relating to rifle practice upon the ranges, and orders promulgated to send troops to the butts for practice, and throughout the season officers and men have devoted themselves assiduously to rifle practice.

I refer with considerable pride to the large increase of marksmen over the returns of last year, showing that the interest as well as the skill in the use of the rifle is rapidly increasing amongst the troops throughout the State.

At the close of the season, in 1878, I was much gratified to report, as the results of the year's practice—116 marksmen, 104 first-class, 525 second-class and 641 third-class, with a figure of merit of 15.45 in First Brigade and 11.68 in Second Brigade, out of a total number practicing at the ranges of 2885, and it is therefore a source of congratulation that there has been returned, at the close of practice this season, out of 1332 practicing, 275 marksmen, 161 first-class, 428 second-class and 469 third-class.

Gatling Gun Company A returns 8 marksmen, 2 first-class, 11 second-class and 13 third-class, with a figure of merit of 23.

The number of marksmen and figure of merit of the several organizations are given below:

| ORGANIZATION. | Figure of Merit. | Marks-men. | 1st Class Shot. | 2d Class Shot. | 3d Class Shot. |
|-----------------------------|------------------|------------|-----------------|----------------|----------------|
| Division Staff..... | 22.2 | 2 | ..... | ..... | ..... |
| First Brigade Staff..... | 72.8 | ..... | ..... | ..... | ..... |
| Second Brigade Staff..... | ..... | ..... | ..... | ..... | ..... |
| Gatling Gun, Company A..... | 23 | 8 | 2 | 11 | 13 |
| First Regiment..... | 11.3 | 20 | 18 | 33 | 55 |
| Third Regiment..... | 16.7 | 31 | 20 | 60 | 75 |
| Fourth Regiment..... | 16.5 | 45 | 6 | 30 | 36 |
| Fifth Regiment..... | 15.5 | 35 | 15 | 39 | 44 |
| Sixth Regiment..... | 20.3 | 47 | 20 | 95 | 57 |
| Seventh Regiment..... | 24.7 | 38 | 27 | 97 | 73 |
| Ninth Regiment..... | 16.9 | 32 | 30 | 28 | 32 |
| Second Battalion..... | 23.04 | 29 | 5 | 31 | 11 |
| First Brigade, total..... | 16.33 | 149 | 91 | 165 | 251 |
| Second Brigade, total..... | 20.39 | 116 | 67 | 252 | 205 |

Battery A and Gatling Gun Company B not being armed with rifles, have no record of practice.

In the early part of August, instructions were issued from the department for all members of the National Guard, who desired to compete for position upon the State Team for 1879, to report to Colonel D. Lodor, A. A. General, at Brinton and Stockton ranges. In response to these orders, 116 marksmen reported, and competition was continued from day to day, until September 9th, when a final selection was made.

On the 16th of September the team proceeded to Creedmoor, and on the 18th competed against teams from the States of New York, Penna. and Mass., and from three divisions of the Regular Army, in the Interstate and International Matches. For the details relating thereto, I respectfully refer you to the report of the Captain of the team, now on file in the office of the Adjutant General. From a personal visit made to Creedmoor during the progress of the match, I am pleased to report that the discipline maintained, the uniforms, arms and equipments, and *personnel*, was superior to any of the contesting teams.

By my direction a handsome gold badge has been made and presented to each member of the team, in commemoration of their services and victory.

At the fall meeting of the New Jersey State Rifle Association, held at Brinton during September and October, 1879, the prizes that were offered last season, and to be competed for until won three times by the same person, were again contested for, and won by Captain T. W. Griffith, Ninth Regiment. Those badges were the "Mott" and "Sterling," (won last year by Captain Griffith,) and the "McClellan."

The Schuyler, Hartley & Graham trophy, which was won last year by the Ninth Regiment, was again awarded to the same team, they having won it over contesting teams from the First, Third, Fourth, Fifth and Seventh Regiments.

In addition to the above trophies, I caused the following prizes to be offered, and to be contested for at the fall meeting, under conditions as herein stated.

Trophy—Silk Regimental Colors. Second Prize—Silver Medals to Team.

Open to teams of twelve from any regiment N. G. N. J. Distance 200 and 500 yards. Five rounds at each distance.

First prize, won by Ninth Regiment Team. Second prize, by First Regiment Team.

Company Prizes—Silk Guidon.

Open to teams of six from any company, N. G. N. J. Distance 200 and 50 yards. Five rounds at each distance.

Won by Company F, Ninth Regiment.

At the Stockton range I presented a gold medal, to be known as the Champion Badge; it was won by Lient. Col. G. E. P. Howard, Inspector on Gen. Plume's Staff.

I herewith give the names of all members of the National Guard who are entitled to the marksman's badge for 1879.

I call your attention to the number of officers who are acting as Regimental Rifle Inspectors, and most respectfully suggest that these vacancies be filled without delay.

Before closing my report, I beg to state that a magazine for storing the ammunition to be used on the range, is much needed, and would recommend that one be built before the troops are ordered on for practice in the coming spring. I may here also add that a building for the shelter of officers and men during practice, is almost indispensable. One could be built at a trifling cost.

I am, General, with much respect,

Your obedient servant,

WM. H. STERLING,

General Inspector Rifle Practice.

To General WILLIAM S. STRYKER, *Adjutant General of N. J.*

LIST OF MARKSMEN FOR 1879.

Division Staff.

Colonel Daniel Lodor, Assistant Adjutant General.

Lieutenant Colonel James N. Stratton, Judge Advocate.

First Brigade.

Brevet Major General Joseph W. Plume.

Lieutenant Colonel Marvin Dodd, Assistant Adjutant General.

Lieutenant Colonel George E. P. Howard, Inspector.
 Lieutenant Colonel Isaac J. Wardell, Assistant Inspector Rifle
 Practice.
 Mayor A. Judson Clark, Judge Advocate.

Second Brigade.

Captain James M. Dart, Aide de Camp.

First Regiment.

Lieutenant George Schenck, Adjutant.
 Lieutenant George G. Gorum, Quartermaster.
 Sergeant William F. Lynn, Commissary Sergeant.
 Private Patrick Mallague, Company A.
 Corporal Frederick Hartman, Company B.
 Lieutenant Isaac R. Denman, Company C.
 Corporal Frank Balevere, Company C.
 Private Thomas W. Conklin, Company C.
 Lieutenant Frank M. Palmatier, Company D.
 Musician Frank H. Roberts, Company D.
 Musician Henry Wolfe, Company D.
 Sergeant Frank H. Soden, Company E.
 Sergeant James R. Walsh, Company E.
 Sergeant Henry H. Weyman, Company E.
 Corporal William H. Deyo, Company E.
 Private George D. Weigman, Company E.
 Private Richard Westerman, Company E.
 Private George Zimmer, Company E.
 Captain Julius R. Denman, Company F.
 Sergeant George Booth, Jr., Company F.

Third Regiment.

Lieutenant George C. Ormorod, Company A.
 Sergeant Thomas J. Redden, Company A.
 Corporal George R. Squier, Company A.
 Private William H. Ferry, Company A.
 Private Hartson J. Rogers, Company A.
 Captain Benjamin P. Holmes, Company B.
 Musician Richard Struck, Company B.
 Private Patrick Sheridan, Company B.
 Private Ira C. Van Harsel, Company B.
 Sergeant George W. Oliver, Company C.
 Sergeant George H. Darling, Company C.
 Private John R. Beck, Company C.
 Private W. F. Haggerty, Company C.

Private R. P. Payne, Company C.
Private Frank W. Shipman, Company C.
Sergeant Charles B. Herbert, Company D.
Sergeant John C. Voorhees, Company D.
Corporal Edwin Mitchell, Company D.
Private Abram Cortleyou, Company D.
Private Lewis Pfiffer, Company D.
Private John W. Schroeder, Company D.
Private R. Bruce Shann, Company F.
Private C. Willshaw, Company F.
Sergeant Asbury F. Bedle, Company G.
Sergeant Theodore Van Pelt, Company G.
Sergeant Thomas L. Seabrook, Company G.
Sergeant Robert Waitts, Company G.
Private Edward Link, Company G.
Private Hugh J. McCabe, Company G.

Fourth Regiment.

Lieutenant Colonel William B. Shafer.
Lieutenant Samuel D. Dickinson, Adjutant.
Captain Andrew Anderson, Inspector of Rifle Practice.
Sergeant George K. Deane, Color Sergeant.
Sergeant William G. Van Slyke, General Guide.
Captain Charles W. Laws, Company A.
Sergeant J. Wentworth Aymar, Company A.
Sergeant Alvin H. Graff, Company A.
Corporal Henry H. Bowly, Company A.
Corporal John M. Dimmick, Company A.
Corporal Edward H. Bowly, Company A.
Private Frederick R. Dudley, Company A.
Private James A. Galway, Company A.
Private Myron H. Kelsey, Company A.
Private William H. Naylor, Company A.
Private Thomas V. Ricketts, Company A.
Private William E. Rogers, Company A.
Captain Alfred Bellard, Company B.
First Sergeant John H. Scott, Company B.
Sergeant James D. Brinkerhoff, Company B.
Sergeant Lawrence Wales, Company B.
Private John V. Day, Company B.
Private John Eckes, Company B.
Private Henry Luning, Company B.
Sergeant Charles A. Bauer, Company C.
Sergeant D. W. Van Emburg, Company C.
Corporal Hiram Bloise, Company C.
Corporal Alexander F. Bowen, Company C.

Private John E. Brown, Company C.
Private William Noon, Company C.
Private Charles H. White, Jr., Company C.
Captain George B. Fielder, Company D.
Lieutenant Abram P. Bush, Company D.
Lieutenant Charles Koelble, Company D.
Sergeant Frank P. Newkirk, Company D.
Sergeant William G. Wilson, Company D.
Private William G. Mackey, Company D.
First Sergeant John Briggs, Company E.
Sergeant Alden B. Eldridge, Company E.
Sergeant William J. Baugher, Company E.
Corporal Benoist J. Cox, Company E.
Private Leonard H. Conant, Company E.
Private George Southwick, Company E.
Private Clarence B. Sturges, Company F.

Fifth Regiment.

Colonel Levi R. Barnard,
Lieutenant William H. Jeroleman, Adjutant.
Captain Abraham Jenkinson, Judge Advocate.
Captain Charles Gasser, Inspector of Rifle Practice.
Sergeant Major Alfred A. Baldwin.
Commissary Sergeant Joseph C. McAvoy.
Lieutenant James H. Hopkins, Company C.
Sergeant Fredk. Wagner, Company C.
Corporal Millard Clary, Company C.
Private John M. Brown, Company C.
Private Aaron Ketchell, Company C.
Private William Numley, Company C.
Private Henry Sadler, Company C.
Captain Charles F. Stephan, Company D.
Lieutenant Henry M. Van Buren, Company E.
Sergeant Samuel T. Simmonds, Company E.
Sergeant Charles Gomer, Company E.
Sergeant Christian Meesel, Company E.
Corporal William E. Johnston, Jr., Company E.
Corporal John Woods, Company E.
Private George D. Ripley, Company E.
Captain Michael F. Gaffney, Company F.
Sergeant James J. Dooner, Company F.
Private Frank Child, Company F.
Private David Davis, Company F.
Private James Sheeran, Company F.
Private Henry Schuster, Company F.
Private Ross Traphagen, Company F.

Captain George M. Townsend, Company G.
Lieutenant William H. Egbert, Company G.
Sergeant William F. Betschick, Company G.
Private William Kern, Company G.
Private Charles H. Townsend, Company G.
Corporal Jacob T. Sotzue, Company H.

Sixth Regiment.

Major William H. Cooper.
Lieutenant Emmor H. Lee, Adjutant.
Captain Richard W. Kerswell, Inspector of Rifle Practice.
Sergeant Eugene Speace, Company A.
Sergeant T. S. Green, Company A.
Corporal D. G. Walker, Company A.
Private William Atkinson, Company A.
Private J. O. Glosgow, Company A.
Private William H. Rambo, Company A.
Private Joseph Worth, Company A.
Private Parker Worth, Company A.
Sergeant John R. Jones, Company B.
Lieutenant J. Oscar Nichuals, Company C.
Sergeant Alexander J. Milliette, Company C.
Sergeant Henry Reed, Company C.
Private Henry O. Birch, Company C.
Private Harry D. Messimer, Company C.
Private Aquilla S. Shimp, Company C.
Private William Struthers, Company C.
Corporal Walter Garlton, Company D.
Corporal S. P. Hall, Company D.
Captain Henry C. Sandman, Company E.
Lieutenant Charles Shivers, Jr., Company E.
Corporal Leander Hyatt, Company E.
Lieutenant James V. Cain, Company F.
Private Nicholas Hubbs, Company F.
Captain George W. Smith, Company H.
Lieutenant William Farrow, Company H.
Sergeant Charles Clark, Company H.
Private John Hand, Company H.
Private John Pettibone, Company H.
Private Alexis Schellenger, Company H.
Private Daniel Shields, Company H.
Private John Speace, Company H.
Sergeant William T. Walker, Company K.
Sergeant Charles D. Thomas, Company K.
Sergeant Elmer Gaskill, Company K.
Corporal Frank E. Barker, Company K.

Musician Daniel W. Doughty, Company K.
 Private S. L. Gillam, Company K.
 Private L. W. Harris, Company K.
 Private Samnel. A. MacMahon, Company K.
 Private Simon Mootz, Company K.
 Private Harry E. Morley, Company K.
 Private John Yetter, Company K.

Seventh Regiment.

Sergeant George D. Bower, Company A.
 Sergeant Philip Arnold, Company A.
 Private Frank V. Bodine, Company A.
 Private Joseph G. Brearley, Company A.
 Private Charles H. Farrell, Company A.
 Private Henry W. Gano, Company A.
 Private Frank H. Lalor, Company A.
 Private Alfred S. Leigh, Company A.
 Private Wm. H. Mickle, Company A.
 Private James Mount, Company A.
 Private Walter R. Stevens, Company A.
 Captain William H. Bilbee, Company B.
 Sergeant James Meredith, Company B.
 Corporal Garret S. B. Metler, Company B.
 Private Frank H. Allaire, Company B.
 Private Samuel Applegate, Company B.
 Private M. W. Bilbee, Company B.
 Private Henry T. Craft, Company B.
 Private George W. Mallett, Company B.
 Private G. Moffett, Company B.
 Private J. H. McCullic, Company B.
 Sergeant Nelson Beaumont, Company C.
 Private William Horn, Company C.
 Sergeant John R. Rogers, Company D.
 Private Thomas Cahill, Company D.
 Private Ackler O'Kane, Company D.
 Captain John C. Patterson, Company E.
 Lieutenant Andrew J. Buck, Company E.
 Sergeant William C. Brower, Company E.
 Sergeant Russell Voorhees, Company E.
 Corporal John H. Chapman, Company E.
 Corporal Craig Lewis, Company E.
 Private Albert Francis, Company E.
 Private Fridtz Hirchy, Company E.
 Private George W. Topping, Company E.
 Corporal William Bullock, Company F.
 Private Winfield S. Gale, Company F.
 Private ——— Nack, Company F.

Ninth Regiment.

Colonel B. Franklin Hart.
Lieutenant James H. Symes, Quartermaster.
Captain William P. Wood, Judge Advocate.
Quartermaster Sergeant Edward W. Danforth.
Lieutenant Bartholomew Devinney, Company A.
Lieutenant Richard G. Curry, Company B.
Sergeant Charles Gentner, Company B.
Corporal Joseph Ballinger, Company B.
Lieutenant Louis R. McCulloch, Company C.
Private Louis Goll, Company C.
Private Eug. Haddenhorst, Company C.
Private ——— Winkleman, Company C.
Captain Charles Erlenkolter, Company D.
First Sergeant Frederick Raab, Company D.
Corporal Daniel Gilfert, Company D.
Corporal Henry Spohn, Company D.
Corporal James R. Washington, Company D.
Corporal Arthur Rath, Company D.
Private Conrad Luckhardt, Company D.
Private Charles Palka, Company D.
Captain George W. Lamb, Company E.
Captain Theodore W. Griffith, Company F.
Lieutenant Lewis H. Greve, Company F.
Sergeant Frank P. Clifford, Company F.
Sergeant Harold A. Correa, Company F.
Private Frank G. Boyle, Company F.
Private Adolph J. Fisher, Company F.
Private August L. Hoffman, Company F.
Private Calvin Peck, Company F.
Private Frederick Schuars, Company F.
Private C. Milton Stimis, Company F.

Second Battalion.

Lieutenant Charles W. Springer, Adjutant.
Lieutenant Jacob J. De Mott, Quartermaster.
Sergeant Henry W. Mabie, Company A.
Corporal Thomas A. Lennon, Company A.
Private Henry S. Engle, Company A.
Private William Gray, Company A.
Private Henry M. Lichtenberg, Company A.
Private James Mabie, Company A.
Private Thomas Moore, Company A.
Private Andrew A. Samler, Company A.
Lieutenant Addison Thomas, Company B.

Sergeant Charles Barr, Jr., Company B.
 Corporal G. Demarest, Company B.
 Private George Gates, Company B.
 Private Frank W. Hover, Company B.
 Private Chris. O'Brien, Company B.
 Private George W. Springer, Company B.
 Captain Abraham D. Campbell, Company C.
 Lieutenant John E. Huyler, Company C.
 Sergeant John B. Van Gieson, Company C.
 Sergeant M. Halsted, Company C.
 Private J. O. Brinkerhoff, Company C.
 Private George A. Coe, Company C.
 Private Julius Geibner, Company C.
 Private John H. Hopper, Company C.
 Private Edmond McDonald, Company C.
 Private George W. Outwater, Company C.
 Private William Van Emburgh, Company C.
 Private Freeman Vreeland, Company C.

Gatling Gun Company A.

First Sergeant Henry Zimmermann.
 Sergeant Robert McCandless.
 Corporal Henry Barclay.
 Private Charles Dohmeyer.
 Private William Eckerson.
 Private Thomas McCormick.
 Private Herman Miska.
 Private Thomas S. Smith.

Recommended by Captain of State Team.

Major John C. Owens, Aide de Camp, Division Staff.
 Private Charles Bogardus, Company A, Third Regiment.
 Private Jacob R. Borden, Company A, Third Regiment.
 Private David Garrison, Company A, Third Regiment.
 Captain Morris N. Oviatt, Company D, Third Regiment.
 Private John V. Day, Company B, 4th Regiment.
 Sergeant William H. Van Dorn, Company C, Fifth Regiment.
 Sergeant John Fagen, Gatling Gun Company A.

REPORT OF CAPTAIN OF STATE TEAM.

HEADQUARTERS NATIONAL GUARD, NEW JERSEY, }
TRENTON, September 9th, 1879. }

General Orders No. 12.

I. The members of the National Guard of this State whose names are herewith announced, will compose the State Team for 1879. They will report for duty to Colonel D. Lodor, A. A. G., National Guard, who is detailed as captain of the team :

Captain George M. Townsend, Company G, Fifth Regiment.
Captain Theodore W. Griffith, Company F, Ninth Regiment.
Captain Benjamin P. Holmes, Company B, Third Regiment.
Captain Wm. P. Wood, Judge Advocate, Ninth Regiment.
Captain Chas. Gasser, Inspector of Rifle Practice, Fifth Regiment.
Captain Andrew Anderson, Inspector of Rifle Practice, Fourth Regiment.

Captain James M. Dart, Aid-de-Camp, Second Brigade.
Lieutenant Lewis H. Greve, Company F, Ninth Regiment.
Sergeant James Meredith, Company B, Seventh Regiment.
Corporal Garret S. B. Mettler, Company B, Seventh Regiment.
Private Hugh J. McCabe, Company G, Third Regiment.
Private William Struthers, Company C, Sixth Regiment.
Private Walter R. Stevens, Company A, Seventh Regiment.
Private Fred. R. Dudley, Company A, Fourth Regiment.

II. Lieutenant Colonel William B. Shafer, Fourth Regiment, and Lieutenant Isaac R. Denman, Company C, First Regiment, will report to Col. Lodor for duty as Adjutant and Quartermaster, respectively.

III. The officers and men above named are detached from their commands until further orders.

By command of

MAJOR GENERAL G. MOTT.

D. LODOR, *Col. and Ass't Adj't Gen.*

TRENTON, N. J., October 1st, 1879.

GENERAL:—In compliance with General Orders No. 12, Headquarters National Guard, current series, a copy of which is hereunto

prefixed, I assumed command of the New Jersey State Team for 1879, and have the honor to submit herewith my report of the proceedings and scores made by the team in the Interstate and International contests at Creedmoor during the recent Fall Meeting. I also submit herewith my report of the scores made in the several competitions for position upon the State Team and the selections made, in compliance with instructions received from time to time, copies of which are hereunto annexed, from the General Inspector. Of the officers and men selected and who were upon the State Team I cannot say too much in praise. They deported themselves as soldiers, obeying with alacrity and cheerfulness all orders, maintaining discipline, and were a credit to the State represented.

Gen. Wingate, General Inspector of Rifle Practice of the State of New York, in his annual report thus alludes to us:

"The team from New Jersey, which was of exceptionable excellence, was beaten by but one point, which, under the circumstances, can hardly be considered a defeat."

Officers wore the fatigue uniform of the State, and enlisted men the service uniform adopted by the State Board. After the selection of the State Team, the General Inspector furnished us with the Sharps rifle, cal. .45, with Borchard sights, and the Chief of Ordnance supplied us with the most perfect ammunition. General Perrine was indefatigable in his exertions to make us successful, so far as his department was concerned, and without his aid it would have been an impossibility for such good scores to have been made. And the personal comfort of my detachment was looked after by him, as Quartermaster General, so well, that everything that could be desired was given to us, and our visit to Creedmoor was without mar, owing to his untiring energy.

Lieutenant Colonel Wm. B. Shafer, of the Fourth Regiment, who was detailed as Adjutant, performed the duty assigned him to the satisfaction and the credit of the State.

In presenting the scores made in the competition for position upon the State Team, and also the scores made during the contests in the Interstate and International Matches, I respectfully recommend that the marksman's badge for 1879 be awarded to those whose names are given upon Schedule "B," hereunto annexed, and making part of this my report, they having made 25 points out of a possible 50 at 200 and 500 yards.

In relieving the members of the team the Commander-in-Chief and the Major General commanding the National Guard, were pleased to issue orders expressing their gratification and pleasure at the scores made and discipline maintained. In transmitting these orders I wrote to each member a congratulatory letter. Copies of the orders from the Adjutant General's office and Headquarters National Guard, and letter transmitting the same, are hereunto annexed, making part of this my report.

In closing I desire to express the gratification I felt at the interest taken by soldiers and citizens in our success, showing the growing feeling in the success of rifle practice throughout the National Guard.

I have the honor to be, with great respect, your obedient servant,
D. LODOR,

Col. and A. A. G., Captain State Team.

STATE OF NEW JERSEY, }
OFFICE OF ADJUTANT GENERAL, }
TRENTON, October 6th, 1879. }

General Orders No. 6.

The Commander-in-Chief desires to express his gratification with the skill in marksmanship exhibited by the team of the National Guard of this State, at the recent fall meeting at Creedmoor.

He was particularly pleased to be informed of the excellent discipline and soldierly bearing exhibited by our team on that occasion. It presented a standard worthy of emulation.

The experience gained on the ranges in New Jersey has certainly brought a large number of soldiers to a high degree of excellence in the use of the rifle.

By order of the Commander-in-Chief.

WILLIAM S. STRYKER,
Adjutant General.

Official: S. M. DICKINSON, *Assistant Adjutant General.*

HEADQUARTERS NATIONAL GUARD, NEW JERSEY, }
TRENTON, October 13th, 1879. }

General Orders No. 13.

The officers and men placed upon special service, by General Orders No. 12, H. Q. N. G., current series, are relieved from further duty upon the State Team, and will join their respective commands.

The Major General commanding joins with the Commander-in-Chief in expressing his gratification at the skill displayed in marksmanship, and the discipline maintained by the officers and men constituting the New Jersey State Team for 1879.

By command of

MAJOR GENERAL G. MOTT.

D. LODOR, *Col. and Ass't Adj't Gen'l.*

ADJUTANT GENERAL'S REPORT.

NEW JERSEY STATE TEAM, 1879, }
TRENTON, N. J., October 14th, 1879. }

Enclosed herewith are General Orders No. 6, A. G. O., and G. O. No. 13, Headquarters National Guard, current series, expressing the gratification of the Commander-in-Chief and the Major General commanding the National Guard, at the skill displayed in marksmanship, and the discipline maintained by the New Jersey State Team, at Creedmoor.

In communicating to you these orders, I feel very proud that our efforts have pleased our superiors; and to you, who aided so much by your attention to duty, prompt obedience to orders, and soldierly bearing—thereby increasing your efficiency as riflemen—I cannot say too much in praise.

That our efforts will bear good fruit there can be no doubt, and in relieving you from your position upon the State Team for 1879, I most heartily thank you for contributing so much to our success.

D. LODOR,

Col. and A. A. Gen'l, Captain of N. J. State Team.

HEADQUARTERS NATIONAL GUARD, NEW JERSEY, }
TRENTON, May 21st, 1879. }

General Orders No. 9.

EXTRACT.

* * * * *

VII. The State Team will consist of sixteen members, selected from the best marksmen of the Regimental Teams by August 1st. To make a proper selection, the record of practice of individual members of the teams will be forwarded after each practice to Col. D. Lodor, Assistant Adjutant General, who is charged with the selection of the State Team. Commandants of organizations will use every possible supervision in the selection of teams, and see that the men who are placed upon them are in every respect worthy of the position, making the post one of merit and of honor.

By command of

MAJOR GENERAL G. MOTT.

(Signed,)

D. LODOR,

Official:

Col. and Ass't Adj't Gen.

STATE OF NEW JERSEY, }
OFFICE OF GENERAL INSPECTOR, }
JERSEY CITY, August 5th, 1879. }

Circular Orders No. 4.

II. The Regimental Teams, and such other members of the First, Third, Fourth, Fifth and Ninth Regiments, and Second Battalion,

who desire to compete for a position upon the State Team for 1879, will report to Col. D. Lodor, A. A. G., at Brinton, on Monday next, at 1 P. M.

II. The Regimental Teams, and such other members of the Sixth and Seventh Regiments, and Gatling Gun Companies A and B, who desire to compete for a position upon the State Team, will report to Col. D. Lodor, at Stockton range, on Tuesday next, at 2 P. M.

WM. H. STERLING,
General Inspector.

STATE OF NEW JERSEY,
OFFICE OF GENERAL INSPECTOR,
JERSEY CITY, August 12th, 1879. }

Circular Orders No. 5.

COMMANDING REGIMENT.

The members of your company, whose names are herewith enclosed, have been selected for final competition for position on the State Team. They will report, in their proper uniforms, to Col. Lodor, at 1 P. M., on Monday, the 18th inst., at Brinton range.

Transportation is enclosed, and ammunition will be furnished upon the range. If there are any other members of your command who desire to compete at that time for position upon the team, they will be allowed to do so, by reporting to Col. Lodor, at the same time and place. If they are among those finally selected their transportation will be refunded.

WM. H. STERLING,
General Inspector.

STATE OF NEW JERSEY,
OFFICE OF GENERAL INSPECTOR,
JERSEY CITY, August 18th, 1879. }

Circular Orders No. 6.

COMMANDING REGIMENT.

Owing to the inclemency of the weather, the competition for positions on the State Team was postponed. Those members of your command who were designated to appear for competition under Circular Orders No. 5, will report in proper uniform to Col. Lodor, at Brinton range, on Friday the 22d inst., at 1.30 P. M., when the final competition for positions upon the State Team will take place.

WM. H. STERLING,
General Inspector.

ADJUTANT GENERAL'S REPORT.

STATE OF NEW JERSEY,
OFFICE OF GENERAL INSPECTOR,
JERSEY CITY, August 25th, 1879. }

Circular Orders No. 7.

Another competition for position upon the State Team will take place at Brinton range, on Wednesday next, 27th inst., at 2 p. m., sharp, regardless of weather.

You are ordered to report at that time and place to Col. D. Lodor, Assistant Adjutant General. Transportation is herewith enclosed.

WM. H. STERLING,
General Inspector.

Date, September 18th, 1879. State Team in Interstate Match.

| NAME. | Regiment. | 200 Yards' Score. | | | | | | | | | | 500 Yards' Score. | | | | | | | | | | Grand Total. |
|------------------------|---------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|
| | | Total. | | | | | | | | | | Total. | | | | | | | | | | |
| | | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | |
| D. Lodor..... | A. A. G..... | 4 | 3 | 4 | 4 | 4 | 5 | 4 | 3 | 5 | 4 | 40 | 4 | 3 | 5 | 4 | 5 | 5 | 4 | 5 | 2 | 42 |
| William B. Shafer..... | 4th Adj..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| G. M. Townsend..... | 5th Reserve.. | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 46 |
| T. W. Griffith..... | 9th..... | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 43 | 4 | 3 | 3 | 4 | 4 | 3 | 5 | 3 | 4 | 5 |
| B. P. Holmes..... | 3d..... | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 42 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 2 | 44 |
| William P. Wood..... | 9th..... | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 42 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 44 |
| Charles Gasser..... | 5th..... | 4 | 4 | 0 | 4 | 5 | 2 | 3 | 3 | 4 | 4 | 33 | 3 | 4 | 3 | 5 | 5 | 4 | 5 | 5 | 5 | 44 |
| A. Anderson..... | 4th..... | 4 | 3 | 4 | 4 | 5 | 5 | 3 | 5 | 5 | 5 | 43 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 5 | 3 | 42 |
| J. M. Dart..... | A. D. C..... | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 42 | 4 | 3 | 3 | 4 | 4 | 5 | 4 | 4 | 2 | 5 |
| Lewis H. Greve..... | 9th..... | 5 | 4 | 5 | 4 | 3 | 5 | 4 | 4 | 4 | 4 | 42 | 5 | 3 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 47 |
| I. R. Denman..... | 1st Q. M..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| J. Meredith..... | 7th Reserve.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| G. Mettler..... | 7th Reserve.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| H. J. McCabe..... | 3d..... | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 44 | 4 | 5 | 3 | 5 | 5 | 4 | 5 | 4 | 3 | 43 |
| William Struthers..... | 6th..... | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 41 | 5 | 5 | 4 | 3 | 5 | 4 | 5 | 4 | 4 | 44 |
| W. R. Stevens..... | 7th..... | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 41 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 48 |
| Fred R. Dudley..... | 4th..... | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 39 | 3 | 3 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 43 |
| Totals..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 490 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 519 |
| | | | | | | | | | | | | | | | | | | | | | | 1009 |

D. LODOR,

Col. and A. A. Gen., Captain of Team.

Date, September 18th, 1879. New Jersey State Team in International Match.

| NAME. | Regiment. | 200 Yards' Score. | | | | | | | Total. | 500 Yards' Score. | | | | | | | Total. | 600 Yards' Score. | | | | | | | Total. | Grand Total. |
|-------------------------|--------------|-------------------|-------|-------|-------|-------|-------|-------|--------|-------------------|-------|-------|-------|-------|-------|-------|--------|-------------------|-------|-------|-------|-------|-------|-------|--------|--------------|
| | | 1. | 2. | 3. | 4. | 5. | 6. | 7. | | 1. | 2. | 3. | 4. | 5. | 6. | 7. | | 1. | 2. | 3. | 4. | 5. | 6. | 7. | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D. Loder | A. A. G.... | 4 | 4 | 4 | 3 | 5 | 4 | 4 | 28 | 4 | 5 | 4 | 4 | 5 | 3 | 4 | 29 | 2 | 2 | 3 | 5 | 5 | 5 | 5 | 27 | 84 |
| William B. Shafer..... | 4th Adj..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| George M. Townsend..... | 5th Reserve | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 29 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 33 | 0 | 0 | 0 | 4 | 2 | 4 | 3 | 13 | 75 |
| Thomas W. Griffith..... | 9th | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 29 | 5 | 3 | 5 | 3 | 4 | 4 | 3 | 27 | 0 | 3 | 4 | 2 | 0 | 5 | 3 | 17 | 73 |
| B. P. Holmes..... | 3d..... | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 29 | 5 | 5 | 4 | 5 | 5 | 5 | 3 | 32 | 5 | 3 | 4 | 2 | 3 | 5 | 4 | 26 | 87 |
| William P. Wood..... | 9th | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 25 | 2 | 5 | 5 | 5 | 4 | 5 | 4 | 30 | 4 | 4 | 5 | 4 | 4 | 3 | 3 | 27 | 82 |
| Charles Gasser..... | 5th | 4 | 4 | 5 | 3 | 4 | 5 | 4 | 29 | 5 | 4 | 3 | 4 | 4 | 2 | 3 | 25 | 2 | 4 | 3 | 5 | 2 | 4 | 4 | 24 | 78 |
| A. Anderson..... | 4th | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 27 | 2 | 2 | 5 | 3 | 0 | 4 | 4 | 20 | 3 | 5 | 3 | 2 | 3 | 3 | 0 | 19 | 66 |
| J. M. Dart..... | A. D. C.... | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 32 | 4 | 4 | 2 | 5 | 4 | 4 | 4 | 27 | 4 | 3 | 5 | 4 | 4 | 5 | 5 | 30 | 89 |
| Lewis H. Greve..... | 9th ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| I. R. Denman | 1st Qr. Mr. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| J. Meredith..... | 7th Reserve | 4 | 3 | 3 | 3 | 5 | 4 | 3 | 25 | 3 | 2 | 3 | 5 | 3 | 4 | 5 | 25 | 5 | 3 | 3 | 3 | 0 | 5 | 2 | 21 | 71 |
| G. Mettler..... | 7th ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| H. J. McCabe..... | 3d Reserve. | 2 | 4 | 4 | 5 | 4 | 4 | 3 | 26 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 33 | 2 | 4 | 0 | 3 | 4 | 0 | 3 | 16 | 75 |
| William Struthers..... | 6th | 4 | 3 | 4 | 5 | 4 | 3 | 4 | 27 | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 28 | 3 | 4 | 4 | 5 | 4 | 5 | 5 | 30 | 85 |
| W. R. Stevens..... | 7th | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 27 | 4 | 4 | 4 | 4 | 5 | 4 | 3 | 28 | 0 | 4 | 4 | 5 | 4 | 5 | 3 | 25 | 80 |
| Fred. R. Dudley..... | 4th ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Totals..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 333 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 337 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 275 | 945 |

D. LODOR,
Col. and A. A. Gen., Captain of Team.

List of names recommended for marksmen, having qualified during competition for position upon State Team, 1879 :

Colonel Daniel Lodor, A. A. G., Division Staff.

Captain James M. Dart, A. D. C., Second Brigade.

Lieutenant Colonel William B. Shafer, Fourth Regiment.

Lieutenant Lewis H. Greve, Company F, Ninth Regiment.

Sergeant James Meredith, Company B, Seventh Regiment.

Captain Andrew Anderson, Inspector of Rifle Practice, Fourth Regiment.

Private Walter R. Stevens, Company A, Seventh Regiment.

Private Hugh J. McCabe, Company G, Third Regiment.

Captain William P. Wood, Judge Advocate, Ninth Regiment.

Corporal Garret S. B. Mettler, Company B, Seventh Regiment.

Private S. L. Gillam, Company K, Sixth Regiment.

Private Frank H. Lalor, Company A, Seventh Regiment.

Private Winfield Gale, Company F, Seventh Regiment.

Captain William H. Bilbee, Company B, Seventh Regiment.

Sergeant Harry Read, Company C, Sixth Regiment.

Lieutenant Richard Curry, Company B, Ninth Regiment.

Sergeant George W. Oliver, Company C, Third Regiment.

Private Charles H. Townsend, Company G, Fifth Regiment.

Private Parker Worth, Company A, Sixth Regiment.

Sergeant George D. Bower, Company A, Seventh Regiment.

Captain George M. Townsend, Company G, Fifth Regiment.

Sergeant John W. Aymar, Company A, Fourth Regiment.

Lieutenant Jacob J. DeMott, Quartermaster, Second Battalion.

Private Harry D. Messimer, Company C, Sixth Regiment.

First Sergeant James J. Dooner, Company F, Fifth Regiment.

Corporal Joseph Bollinger, Company B, Ninth Regiment.

Sergeant Henry H. Bowly, Company A, Fourth Regiment.

Sergeant Nelson Beaumont, Company C, Seventh Regiment.

Lieutenant Frank M. Palmatier, Company D, First Regiment.

Sergeant Samuel T. Simmons, Company E, Fifth Regiment.

First Sergeant John H. Scott, Company B, Fourth Regiment.

Corporal Jacob F. Solzin, Company H, Fifth Regiment.

Private Frank Child, Company F, Fifth Regiment.

Private David Garrison, Company A, Third Regiment.

Private John V. Day, Company B, Fourth Regiment.

Private Conrad Luckhardt, Company D, Ninth Regiment.

Lieutenant James H. Symes, Quartermaster, Ninth Regiment.

Private John E. Brown, Company C, Fourth Regiment.

Sergeant Frank H. Soden, Company E, First Regiment.

Lieutenant James H. Hopkins, Company C, Fifth Regiment.

Lieutenant Abram P. Bush, Company D, Fourth Regiment.

Captain Morris N. Oviatt, Company D, Third Regiment.

Private William Numly, Company C, Fifth Regiment.

Sergeant Charles A. Bogardus, Company A, Third Regiment.

Corporal Henry Sadler, Company C, Fifth Regiment.
Captain Lysander Hyatt, Company E, Sixth Regiment.
Sergeant William T. Walker, Company K, Sixth Regiment.
Private George W. Mallett, Company B, Seventh Regiment.
Corporal Frank E. Barker, Company K, Sixth Regiment.
Lieutenant J. Oscar Nichuals, Company C, Sixth Regiment.
Private Frank W. Allaire, Company B, Seventh Regiment.
Lieutenant Isaac R. Denman, Company C, First Regiment.
Private C. Milton Stimis, Company F, Ninth Regiment.
Sergeant William H. Van Dorn, Company C, Fifth Regiment.
Private William Struthers, Company C, Sixth Regiment.
Captain Chas. Gasser, Inspector of Rifle Practice, Fifth Regiment.
Private Abram Cortleyou, Company D, Third Regiment.
Sergeant Charles Barr, Jr., Company B, Second Battalion.
Musician Daniel W. Doughty, Company K, Sixth Regiment.
Private John W. Schroeder, Company D, Third Regiment.
Private William Eckerson, Gatling Gun Company A.
Private Fred. R. Dudley, Company A, Fourth Regiment.
Private Charles Dohmyer, Gatling Gun Company A.
Sergeant John C. Voorhees, Company D, Third Regiment.
Sergeant Jacob R. Borden, Company A, Third Regiment.
Sergeant Alexander J. Milliette, Company C, Sixth Regiment.
Private Ira C. V. Van Harsel, Company B, Third Regiment.
Lieutenant George Schenck, Adjutant, First Regiment.
Lieutenant Addison Thomas, Company B, Second Battalion.
Sergeant Alvin H. Graff, Company A, Fourth Regiment.
Captain Theodore W. Griffith, Company F, Ninth Regiment.
Sergeant Charles D. Thomas, Company K, Sixth Regiment.
Private William G. Mackey, Company D, Fourth Regiment.
Lieutenant Charles Koelble, Company D, Fourth Regiment.
Sergeant John Fagen, Gatling Gun Company A.
Lieutenant Samuel D. Dickinson, Adjutant, Fourth Regiment.
Major John C. Owens, A. D. C., Division Staff.

REPORT OF ARMORY RIFLE PRACTICE.

STATE OF NEW JERSEY, }
OFFICE OF ADJUTANT GENERAL, }
TRENTON, February 25th, 1879. }

General Orders No. 1.

The Major General commanding the National Guard will immediately detail a competent officer to instruct the military forces of this State in rifle practice, at the various armories.

By order of the Commander-in-Chief.

WILLIAM S. STRYKER,
Adjutant General.

HEADQUARTERS NATIONAL GUARD, N. J. }
TRENTON, February 27th, 1879. }

Special Orders No. 4.

In compliance with G. O. No. 1, Adjutant General's office, C. S., Colonel D. Lodor, Assistant Adjutant General, is temporarily detailed as Instructor of Rifle Practice. He will commence his duties without delay, assembling the officers and men of the several organizations for practical and theoretical instructions at such dates and places to be hereafter announced.

The Quartermaster General's department will furnish necessary ammunition, supplies and transportation.

By command of

MAJOR GENERAL G. MOTT.

JOHN C. OWENS, *Major and Aid-de-Camp, Act. A. A. Gen.*

HEADQUARTERS NATIONAL GUARD, N. J. }
TRENTON, July 1st, 1879. }

MAJOR:—I have the honor to submit my report of the instruction of the National Guard of this State in rifle practice, at the various armories, made in compliance with General Orders No. 1, A. G. O., C. S., and Special Orders No. 4, dated Headquarters National Guard, N. J., Feb. 27th, 1879.

To instruct properly the troops in rifle practice at the various

armories throughout the State, it was necessary that such ordnance and ordnance stores should be used that would be perfectly safe to life and property, devoid of the noise and smoke that usually follows the discharge of explosive material. After repeated experiments with sub-caliber arms of various patterns, and many failures, General Lewis Perrine, Quartermaster General and Acting Chief of Ordnance, devised and perfected a reduced cartridge, containing six (6) grains of powder and using two hundred and thirty (230) grains of lead, to be used in the 45-caliber breech-loading Springfield rifle, with which the troops of the State are armed, thereby permitting the troops to use in their armories the same rifle they use in the field, a result which is obviously of incalculable benefit. He also designed a butt or bullet stopper, easily transported, or when not in use, placed where it would not interfere with the use of the armory; and also a shield which, while not interfering with the movements of the troops while in an armory, is a complete protection against accident or unskillful marksmanship. A full description of the reduced cartridge, the butt and the shield, will be found in Exhibits A, B and C respectively, herewith attached, and making part of this my report.

Taking the firing point as a unit, at a distance of twenty-five feet the shield was erected, and at a distance of fifty feet further the butt was placed, upon which was tacked a 200 yards Creedmoor target, reduced to seventy-five feet, that being the distance from firing point to butt. One officer or soldier was taken at a time to the firing point and allowed to fire three shots at the target. Previous to each shot he was instructed in the proper manner of holding the rifle, loading, sighting and pulling the trigger, and the result of each shot explained, faults being pointed out and errors carefully corrected.

Careful observations convince me that but two (2) officers out of ten were acquainted with the use of the rifle, and capable of instructing the men, and that very few of the remaining eight had ever fired a rifle. Many confessed their utter want of practical knowledge of marksmanship, and repeatedly expressed their gratitude to the State for giving them practical instruction. Of the enlisted men many were expert marksmen, but seventy-five per cent. were entirely unacquainted with the handling of a rifle, in loading and firing, and the old story of hitting the side of a barn at twenty-five feet was fully exemplified.

From officers and men I received the closest attention, all being anxious to secure such knowledge as would assist them in rifle practice. There are some men, however, who can never become marksmen, by reason of physical deformity. I found, of this class, an average of two to a company throughout the State, who cannot close either eye, and the result was invariably that they would aim from the right shoulder, leaning the head over the stock of the rifle,

sighting with the left eye, pull the trigger, and the bullet would have gone on ceiling, walls or floor, if the shield had not stopped its flight. In some cases I bandaged the left eye, but the right would immediately fill with water, and in no case did I meet with any encouragement.

Previous to taking officers and men to the firing point I spent several hours in the instruction of ready position, loading, aiming and firing drill, as well in many cases in the school of the soldier.

As to the results of the course of instruction I have the honor to refer you to the several letters from commanding officers written to me, since their respective commands have been upon Stockton or Brinton ranges.

During the course of these instructions I was occupied ninety days and nights, and traveled seven thousand miles, and expended six and a half thousand cartridges.

As to the number of reduced cartridges used in the course of these instructions, I refer you to my return to the Chief of Ordnance, marked Exhibit D, hereunto annexed, and making a part of this my report.

In addition to the instructions in rifle practice, the officers were shown the proper method of drawing and accounting for ammunition, and such details as could be taught in the short time devoted to them.

During the progress of instruction with the officers of the various commands, I completed a Manual of Instruction in Armory Rifle Practice, and by authority of the following order, issued by Major General Mott, it was published, and has been placed in the hands of every member of the National Guard of the State.

HEADQUARTERS NATIONAL GUARD OF NEW JERSEY, }
TRENTON, March 25th, 1879. }

General Orders No. 6.

EXTRACT.

* * * * *

II. As every facility is now offered by the Commander-in-Chief for perfection in marksmanship, at no expense to members of the National Guard, it is expected that all officers will use every effort to have the men under their command properly and thoroughly instructed in all details of rifle practice, being careful and economical in the expenditure of ammunition and ordnance stores and the property issued by the State, prompt in the obedience of orders, and complying with the details and instructions issued by superior authority in the furtherance of perfecting the National Guard in all matters pertaining to its efficiency and usefulness.

III. The rules, regulations and instructions accompanying this order will be strictly observed in armory rifle practice.

By command of

MAJOR GENERAL G. MOTT.

D. LODGE, *Col. and A. A. G.*

After arranging and completing the necessary detail, I commenced, upon the evening of March 6th, instructing the officers of the various organizations, beginning with Gatling Gun Company A and continuing in the following order, until the 24th of that month:

Gatling Gun Company A, City Armory, Elizabeth, March 6th, 7:30 P. M.

First Regiment, City Armory, Newark, March 6th, 7:30 P. M.

Fourth Regiment, City Armory, Jersey City, March 6th, 7:30 P. M.

Fifth Regiment, City Armory, Newark, March 6th, 7:30 P. M.

Ninth Regiment, City Armory, Hoboken, March 6th, 7:30 P. M.

Second Battalion, City Armory, Newark, March 14th, and Englewood March 24th.

Battery A, Jersey City, March 19th.

Third Regiment, City Armory, Elizabeth, 6 P. M.

Companies A, B, C, D and F, Seventh Regiment, Trenton, March 7th, 3 P. M.

Companies E, Seventh Regiment, and A, Third Regiment, Asbury Park, March 15th, 1 P. M.

Companies A, B, C, D, E and F, Sixth Regiment, Camden, March 12th, 7:30 P. M.

Companies H and K, Sixth Regiment, Cape May, March 13th, 1 P. M.

Gatling Gun Company B, Camden, March 12th, 7:30 P. M.

Upon completing the instructions to officers, and following special inspections made by order of Maj. Gen. Mott, commanding National Guard, I commenced, upon the evening of March 27th, the instruction of company organizations throughout the State, and continued in the following order until the 30th day of May. The scores made by officers and men are given in Exhibit H, hereunto annexed, and making part of this my report.

First Regiment—Companies A and C, April 21st, 7:30 P. M.

“ “ F, “ 22d, “

“ “ B, “ 23d, “

“ “ D, “ 24th, “

“ “ E, “ 25th, “

Fourth Regiment— “ A, May 5th, “

“ “ B, “ 6th, “

| | | | | |
|-------------------|------------|-------|-------|------------|
| Fourth Regiment— | Company C, | May | 7th, | 7:30 P. M. |
| " | " D, | " | 8th, | " |
| " | " E and F, | " | 9th, | " |
| Fifth Regiment— | " C, | April | 28th, | " |
| " | " D, | " | 29th, | " |
| " | " E, | " | 30th, | " |
| " | " F, | May | 1st, | " |
| " | " G, | " | 2d, | " |
| Ninth Regiment— | " A, | " | 12th, | " |
| " | " B, | " | 13th, | " |
| " | " C, | " | 14th, | " |
| " | " E, | " | 15th, | " |
| " | " D and F, | " | 16th, | " |
| Second Battalion— | " A, | " | 26th, | " |
| " | " B, | " | 27th, | " |
| " | " C, | " | 28th, | " |
| Third Regiment— | " B, | May | 19th, | " |
| " | " C, | " | 20th, | " |
| " | " D, | " | 21st, | " |
| " | " F, | " | 23d, | " |
| " | " G, | " | 23d, | " |
| Sixth Regiment— | " A, | April | 8th, | " |
| " | " B, | " | 9th, | " |
| " | " C, | " | 10th, | " |
| " | " D, | " | 11th, | " |
| " | " E, | " | 14th, | " |
| " | " F, | " | 15th, | " |
| " | " H, | " | 16th, | " |
| " | " K, | " | 17th, | " |
| Seventh Regiment— | " A, | March | 27th, | " |
| " | " B, | April | 1st, | " |
| " | " C, | " | 2d, | " |
| " | " D, | " | 3d, | " |
| " | " E, | " | 4th, | " |
| " | " F, | " | 7th, | " |
| Gatling Gun | " A, | May | 29th, | " |
| " | " B, | " | 30th, | " |

In concluding, I am satisfied that if the sights upon the rifles now used by the troops were thoroughly examined, a great many, nearly seventy per cent., would be found deficient. It discourages the men very much to find, after repeated and unsuccessful trials to become marksmen, that the piece they had been using was deficient. This matter should be attended to promptly, as a precaution of protection and safety.

To the Quartermaster General, Acting Chief of Ordnance, I am indebted for whatever success I have met in these instructions, and

the National Guard of this State will be forever indebted to his untiring energy and ingenuity in supplying them with the reduced cartridges for perfection in marksmanship, and enabling them to convert their armories into schools of instruction for rifle practice.

I am, Major, very respectfully, &c.,

D. LODOR,
Col. and A. A. Gen.

To MAJ. JNO. C. OWENS, *A. D. C. Act. A. A. Gen.*

EXHIBIT A.

Reduced Cartridge—Weight.

The metallic cartridge shell, (cal. .45) reduced in inside capacity by soldering a brass plug, one and one-sixteenth inch long, properly fitting the shell, and having a hole drilled through its length three-thirty-seconds of an inch diameter, communicating with the hole in primer seat at the base of the shell.

The charge of powder is six (6) grains, and weight of bullet in lead 2.30 grains.

Description of Butt used in Armory Rifle Practice.

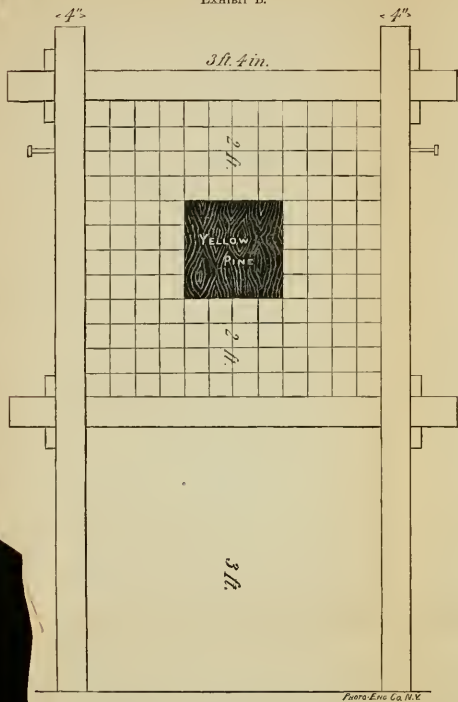
Size, 4 feet by 4 feet. Weight, 200 pounds. Built of planed hemlock, cut into four (4) inch cubes, laid one upon the other, grain running from front to rear. The cubes are inclosed in a wooden frame, four (4) feet square, built of pine, 3 by 6 inches, morticed, and held together by wooden wedges. The side pieces of the frame extend five (5) feet below the butt, making legs to support it; braces of wood, attached to the frame by iron bolts at the top, extend from the rear to the floor on each side. In the centre of the butt, in the space that sixteen cubes would occupy, is inserted a piece of hemlock plank, having its face toward the firing point. Upon this block the paper target, nine (9) by six (6) is tacked. The whole is backed by No. 26 galvanized sheet-iron.

Shield.

Size, 4 feet by 4 feet. Weight, 192 pounds. Description same as butt, with the exception that the hemlock block is left out, leaving a space 12 inches by 12 inches to fire through.



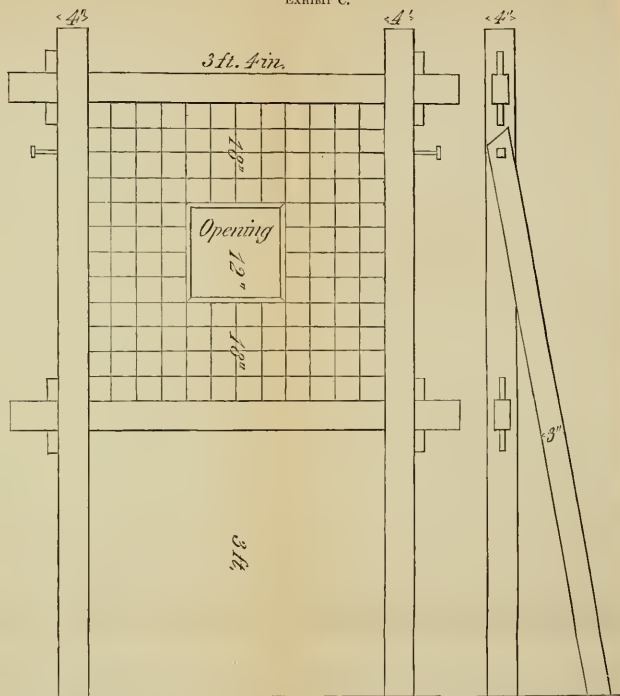
EXHIBIT B.



Butt. Front View.
Scale 1 in. to 1 foot.

Peter E. Co. N.Y.

EXHIBIT C.



Shield. Front View.
Scale 1 inch to 1 foot.

End View.
Showing Brace.

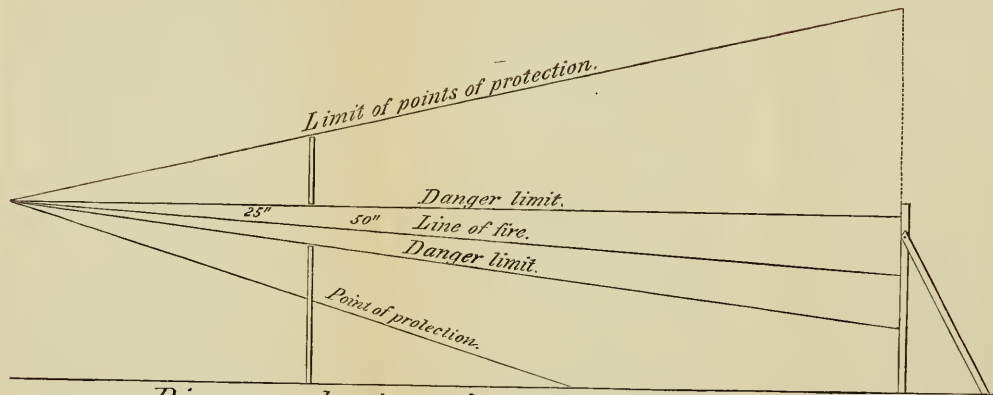


Diagram showing points protected by shield.
Scale $\frac{1}{8}$ in. to 1 foot.

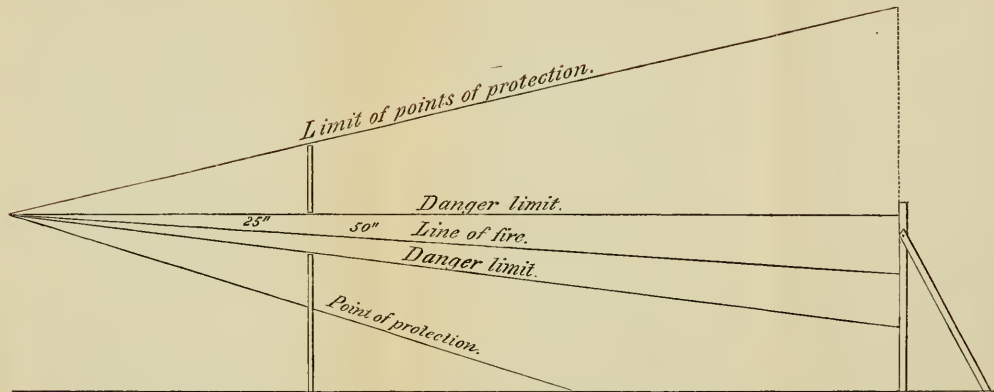


Diagram showing points protected by shield.
Scale $\frac{1}{8}$ in. to 1 foot.



EXHIBIT D.

List of ordnance stores expended in the public service at armories throughout the State, under the direction of Colonel D. Lodor, Instructor in Rifle Practice, in the months of March, April and May, 1879:

| Number or Quantity. | Articles. | Application. |
|---------------------|--|--|
| 6145 71 | Reduced cartridges, cal. .45. Reduced cartridges and shells lost in Camden, N. J., by the breaking of an ammunition case at night, in the street, and during a storm. | Armory Rifle Practice, per G. O. No. 1, A. G. O., Feb. 25, 1879. |
| 2171 | Paper targets, reduced to 25 yards from 200 yards. | |

I certify, on honor, that the several articles of ordnance enumerated have been necessarily expended in the public service at these stations, as indicated by the marginal remarks annexed to them respectively.

D. LODOR,
Col. and Ass't Adj. Gen., Instructor Rifle Practice.

EXHIBIT E.

MANUAL.

HEADQUARTERS NATIONAL GUARD, STATE OF NEW JERSEY, }
TRENTON, March 26th, 1879. }

Circular Orders, No. 1.

INSTRUCTIONS IN ARMORY RIFLE PRACTICE.

I. In armories where six or more companies are located, two butts and two shields will be issued to each regiment. In all other armories, one butt and one shield to each armory. These butts and shields will be kept in order at the expense of the organization to which they are issued.

II. Ammunition will be issued to each organization at the rate of forty rounds per man, and paper targets at the rate of eight to each man, the strength as shown by the quarterly returns of March 31st, 1879, being the basis of calculation.

III. The following rules will be observed in all cases:

1. The men to stand two paces to rear of firing point, called up singly and fire five shots in succession. The target will then be marked with the name and date, and replaced by a new target. All targets forwarded through the rifle inspectors to these headquarters without delay.

2. Not more than five shots will be fired in succession, nor more than ten at the same drill by any one person.

3. Expended ammunition will be returned without unnecessary delay to the regimental inspector of rifle practice, who will receipt therefor in duplicate, one of which is to be forwarded direct to the chief of ordnance at Trenton. Settlements for ammunition will be made monthly, and any deficiency must be paid for at the established rate.

4. A commissioned officer will be always at the firing point, supervising the firing, carefully observing the *position* of the *body*, *arms* and *hands*, the manner of pressing the trigger and holding the head in taking aim, correcting all errors which are fatal to good shooting, using all necessary precaution as to safety, and that no rifle is loaded except at the firing point and in the manner prescribed in Upton, page 41, No. 92.

5. Officers and men who wear the marksman's badge for 1878 may be allowed to practice at such times as company commanders may designate, in addition to the regular company practice drills.

6. Ammunition for armory practice, in addition to that allowed, will be furnished by the chief of ordnance, upon application, at cost price.

IV. Officers should practice in the position and aiming drill and at the target, studying carefully and frequently the instructions given in Wingate's Manual.

V. Regimental inspectors of rifle practice will make requisition upon the chief of ordnance for the necessary ammunition and targets, and issue the same in accordance with these instructions, taking receipts in duplicate, one of which will be forwarded promptly to the chief of ordnance at Trenton.

VI. For convenience and information of the troops of this State, the following extracts from "Wingate's Manual of Rifle Practice" are herewith given. These instructions, if well studied and followed, cannot but result in great benefit to the National Guard.

DUTIES OF OFFICERS.

VII. Every regimental commander is responsible for the instruction of his command in musketry. He will make himself acquainted with this most important part of a soldier's duty by careful study of the following regulations, by giving personal superintendence to the companies under instruction, and by availing himself of the assistance and information to be derived from the inspectors of rifle practice.

VIII. Captains and lieutenants are to make themselves equally conversant with these rules as with the tactics, are to be present at the practice of their companies, and acquaint themselves with the proficiency of every member thereof in marksmanship.

IX. Each regimental inspector of rifle practice shall have personal charge of the instruction in rifle practice of the officers and recruits, and the theoretical instruction of the entire command in that particular.

He is responsible to the commanding officer that the rifle practice of the several companies is carried out with uniformity and in strict accordance with these regulations.

He will aid and assist the commandants of companies in all matters relating to rifle practice, and will see that proper provision is made in the regimental armory for rifle practice, and that the targets and other appurtenances for that purpose are safe and in good order.

He should examine all company returns upon this subject, and prepare all returns required to be made by the regiment thereto.

X. The inspector of rifle practice, like adjutants and quartermasters, are appointed for the convenience of commanding officers in a particular branch of their duties, but it is the latter alone who are responsible for the due carrying out of these regulations, and for the due training of both officers and men in their respective duties.

XI. The non-commissioned officers are to be first instructed in the course, if practicable, and are to assist in the instruction of the men of their respective companies.

TO CLEAN THE RIFLE.

XII. A brush should be habitually used to clean the inside of the barrel, dipping it in hot water, and afterwards drying and oiling the barrel, as hereafter prescribed, and a wooden wiping rod should be used whenever practicable.

XIII. Place a rag (woolen if possible) upon the cleaning rod, *being careful to see that its head is equally covered all around*, press it into the bore first from the muzzle, and afterwards from the chamber, and rub it up and down until the barrel is clean, being careful not to mar the corners of the chamber by the shoulder of the ramrod.

XIV. Wipe the barrel well out with a rag or tow as before, until it is *perfectly* dry, and afterwards with an oiled rag. This should always be done as soon after firing as possible. The men should be cautioned that if the barrel be not perfectly clean and dry, it will rust, no matter how much oil is afterwards applied. For this reason, in cleaning, warm water is preferable to cold. After oiling, the rifle should be allowed to stand for a time, and then carefully wiped. The slight film of oil left will protect it better than if a quantity is used.

XV. Wipe the surfaces of the hammer, breech-block, firing pin, etc., with a slightly oiled rag. Close the breech-block, and let down the hammer.

XVI. *Oil the stock well* with sperm or linseed oil, the latter being the best; let it stand a few hours and then rub it with a woolen rag

until the wood is perfectly dry. Repeat this from time to time, and it will produce a polish which moisture cannot affect.

XVII. The hammer should habitually be carried at half-cock, and care taken that the motion of the firing pin be not obstructed by dust or rust.

XVIII. A well-made rifle is a delicately constructed instrument, requiring proper attention, and unless it is kept clean, good shooting cannot be expected from it.

The grooves become filled up, and when it is fired the bullet "leads," so that its velocity is diminished, and it falls short; every man must therefore clean out the barrel of his piece as frequently as possible, and never allow it to be put away dirty, as *one night's rusting will do more harm than a year's use.*

And notwithstanding every care they may exercise in keeping their rifles clean, they will not be accurate unless they are careful in handling them.

XIX. Too much care cannot be exercised by officers to see that the rifles of their command are properly taken care of. Where an armorer has charge of the pieces, he should be carefully supervised, to see that the locks and internal parts of the rifles are properly cared for, and that the grooves of the barrel are not injured by the use of iron rods in cleaning, as the accuracy of many pieces is destroyed by this practice.

XX. Officers will be careful to see that the rifles of their command are kept in a dry room, and on no account against an outside wall, and that they are examined about once a week to see that no rust is found.

PRELIMINARY DRILL.

XXI. The men should be divided into squads of not more than twelve to each instructor. Each squad should be formed in single rank, one pace apart, and be placed at first about twenty feet from the marks to be aimed at (the distance being gradually increased according to the light and the size of the room), and "dressed" so that each man shall be opposite a target. It will be found that this practice is calculated to strengthen the sight, and after a time the men will easily discern the sights at double the distance.

XXII. The squad having been formed as above directed, with their pieces at a "carry," the instructor, having first cautioned the men not to cock their pieces, will command:

1. *Squad as skirmishers.* 2. **READY.**

(One time and two motions.)

XXIII. Execute the first motion of *about face*, the left knee slightly bent; at the same time drop the piece into the left hand behind the lower band (or at its balancing point,) the elbow against the body, the muzzle the height of the chin, the thumb extended along the stock, the small of the stock two inches below the right breast, the butt below the right elbow.

XXIV. (*Two.*) Carry the right foot from twelve to eighteen inches to the rear (according to the size of the man), the right a little to the right of the prolongation of the left, the left shoulder well to the front, the body equally and firmly balanced upon both feet, head erect, eyes open and fixed upon the mark, the right hand at the small of the stock, the forefinger on the trigger, the thumb bent obliquely forward so that, if possible, it shall rest upon the end point of the middle finger, both hands holding the rifle firmly, but not so tightly as to impart motion to it from the pulsations of the body, the whole position being as easy and natural as possible.

XXV. The instructor will caution the men that they are to keep the toes and knees slightly turned inward, and to keep the latter pressed backward by a slight tension of the calves, so as to secure a firm hold for the feet (every part of which should be placed upon the ground); also, that while the body is to be carried naturally upon the hips, they must avoid drawing in the stomach, raising the breast, or bending the small of the back.

The instructor will then command :

XXVI. 1. *Position Drill by motion* ; 2. one ; 3. two ; 4. three. (*One time and three motions.*)

Raise the rifle smartly in front of the right shoulder to the full extent of the left arm, without moving the body, head or eye ; the arms to move close to the body, the breech sight to be upright, barrel nearly horizontal and pointing a few inches below the mark ; the eyes are fixed upon the forefinger inside the trigger-guard, both elbows inclined downward.

XXVII. (*Two.*) Press the piece smartly with both hands against the hollow of the shoulder, which must neither be allowed to give way nor press forward or raise to meet it ; the left elbow at the same time being brought as far under the rifle as is possible without assuming an unnatural position, the right elbow slightly advanced, being nearly square with the right shoulder. The centre (or rather the upper than lower) part of the butt to be pressed firmly against the shoulder with the left hand, without touching the collar bone, the top of the butt being as nearly as possible with the top of the shoulder. The forefinger will be placed around the trigger like a hook, but without pressing it. The head and body will be kept perfectly perpendicular the whole time, no attempt being made to look through the sights.

XXVIII. (*Three.*) Bring the piece smartly to the position of "*Ready*," the position of the feet and body remaining unchanged.

XXIX. Whenever the instructor wishes to suspend the exercise, he will command :

1. *Carry* ; 2. *ARMS.*

(*One time and two motions.*)

XXX. (*One.*) At the second command resume the carry with the right hand, and face to the front.

XXXI. (*Two.*) Drop the left hand by the side.

XXXII. The squad having been sufficiently instructed in the position drill, will be exercised in aiming. For this purpose the instructor having formed them as before, with their pieces at a "carry," will command:

1. *Squad, as skirmishers*; 2. **READY.**

(*One time and three motions.*)

XXXIII. (First two motions.) Assume the position of *ready*, as described in paragraphs 23 and 24, except that the right thumb is on the head of the hammer, the fingers supported against the guard and small of the stock.

(Third motion.) Cock the piece with the thumb and seize it with the right hand at the small of the stock, as directed in paragraph 24, without deranging the position of the butt.

The instructor will then command:

1. *Aiming drill, by motion*; 2. **ONE**; 3. **TWO.**

(*One time and four motions.*)

XXXIV. At the second command, the squad will execute the first two motions of the position drill, except that now the head is bent slightly forward and to the right, without straining the neck, the left eye closed, and the right directed through the notch of the back sight, at a point about a foot underneath the bull's-eye, and the point of the foresight aligned on that spot.

XXXV. (Two.) Place the *middle* of the forefinger upon the curve of the trigger. Draw a moderately deep inhalation, and restrain the breathing until the trigger is pulled. Each man will then, *without further command*, raise the muzzle with the left hand, with a steady, perpendicular motion, until the point of the foresight covers the centre of the object and is in line with it and with the notch of the back sight. At the precise instant when each man feels that the line is true, he must *pinch* or press the trigger with a steady contraction of the finger, keeping his eye still directed upon the bull's-eye, *and observing what movement, if any, he has imparted to the piece by the pull of the trigger.* The rifle will then be brought to a "*ready*" without further command.

XXXVI. The instructor will observe during these drills that the sights of each piece are always kept in an upright position, that the rifle is held steadily in the hollow of the shoulder, that the middle of the forefinger derives no aid from the hand or arm, and that the fall of the hammer produces no deflection of the muzzle. He will instruct the men that the piece is to be controlled by the left arm alone, and without movement of the small of the back or backward motion of the body. Also, that in aiming, the right eye must be brought directly at a level with the two sights and glanced *through* them *at* the target; and that if it be intently fixed upon this, the muzzle sight will cover it almost without an effort, while if any attempt be made in the ordinary way to look *from* the muzzle sight to the object, it will not be so readily seen, and the

difficulty of aiming will be greatly enhanced. He will also notice carefully those men who have a tendency to wink the right eye as the hammer descends, and see that they overcome it by practice before proceeding further.

XXXVII. He will cause this drill to be often practiced with the rear sight elevated, and will frequently pass down the line, correcting each man individually; and while seeing that the men do not let the piece "hang" too long when the proper sight is once obtained, will take care that they do not fire so quickly as to overshoot.

XXXVIII. The position in ranks will be resumed, as described in paragraph 29, except that at the first command the piece will be brought to half-cock. *This rule is habitual for all cases where the piece has been previously cocked.*

XXXIX. The squad being well grounded in the foregoing practice, will be exercised without the motions, with their sights at different elevations.

XL. Inasmuch as correct aiming becomes impossible after the left arms of the men have become too tired to hold the piece steadily, the instructor, during the position and aiming drill, will allow them to carry their pieces when at a "ready," in an unconstrained position. He will also allow short rests from time to time, and occasionally bring the men to "attention," and exercise them in the manual or in marching.

XLI. He also will not insist upon the different motions being performed with the cadence required for the other parts of the manual of arms, but use them more to secure a thorough performance of his instructions than mere mechanical uniformity.

XLII. Every man in these drills is to judge himself when he shall pull his trigger, and all undue precipitancy should be discouraged.

XLIII. Although some of the prescribed motions may seem unnecessary or monotonous to the men, they must be executed precisely as directed, special care being taken to detect and correct the variations from the prescribed motions, steadiness of position, and particularly of the eye, head and shoulders, cannot be too strongly insisted upon. The piece should be thrown forward smartly, yet without jerk, and raised with a steady, perpendicular motion, the trigger being gently pressed the instant the sights are in line with the mark. If this upward motion be regular, there will be no side vibration; but if the sights are allowed to "hang" on the mark, the shooting is sure to be wide. Particular care must be taken that the barrel be not raised too rapidly. *Beginners almost invariably shoot too high and to the right, from raising the rifle too precipitously and pulling too hard on the trigger.*

XLIV. The position of the body, arms and hands, the manner of pressing the trigger and holding the head in taking aim, should

be duly watched in this exercise, in order to discern and correct those errors which are fatal to good shooting, but which cannot be so successfully corrected when firing with ball.

XLV. While every inducement should be made to attract and develop good individual shots, so as to constitute a good regimental "team," and for this purpose individual emulation should be encouraged in every way, yet regimental commanders must bear in mind that the true object to be attained is to secure the *general efficiency* of the rank and file as riflemen.

More credit should attach to an organization making high average shooting than to one having a champion team, and all influences possible should be exercised in that direction. Nor will this course interfere with the selection of a good "team." Nothing has been more clearly demonstrated at Creedmor than that shooting is a matter of education, and it will be found that a thorough course of instruction will not only make the regiment efficient as a whole, but invariably develop a number of "crack" shots from among those who supposed themselves to be without the qualifications requisite for a marksman, and the more marksmen the better the chances for a strong team.

The course of instruction prescribed in Wingate's Manual has been carefully reduced within such limits as to make it practicable to be performed by all regiments of the National Guard, and all officers should be particular in seeing that every member of their command is obliged to conform to it. No part of their drill is of as much importance as this, and none should be less neglected.

By command of

MAJOR GENERAL G. MOTT.

D. LODGE, *Col. and Ass't Adj't Gen.*

EXHIBIT H.

AVERAGE SCORES IN ARMORY INSTRUCTIONS.

[illegible]

HEADQUARTERS FIRST BRIGADE N. G. OF N. J. }
 NEWARK, August 4th, 1879. }

MY DEAR COLONEL:—I desire to thank you, personally and officially, for the instruction given to my command in armory target practice, by you last spring.

It is of course difficult to determine the full intent of the benefit at this time, but sufficient has already been seen to show that by establishing a uniform system or practice; by creating an enthusiasm; by a specific, careful and thorough exposition at the outset; and by showing the State's interest in sending an instructor, that the influence and benefit will last as long as target practice continues.

For my part, I wish that the State had a regular instructor, that in all fundamentals every recruit should receive the same instruction.

Very truly yours,

J. W. PLUME,
Brig. and Bvt. Maj. Gen.

To COL. D. LODOR, *A. A. G. National Guard, Trenton, N. J.*

NEWARK, N. J., August 1st, 1879.

MY DEAR COLONEL:—During the past six weeks I have been at Brinton range three or four times every week, and have taken an interest in the target practice of the several commands that have used the range for that purpose. I could not help noticing a great improvement in the manner of handling the pieces, and the position assumed when at the firing point. I also feel constrained to say that at the last annual inspection I was favorably impressed with the improvement in the execution, by the several commands of the First Brigade, of that portion of the manual of arms termed the "aiming and firing drill."

I attribute to your efforts to prepare the members of the Guard for practical work on the range, and I assure you that your time spent in the instruction of the First Brigade was not wasted nor your efforts unappreciated.

Yours, &c.,

G. E. P. HOWARD,
Inspector First Brigade.

To COL. D. LODOR, *Trenton, N. J.*

ASBURY PARK, July 18th, 1879.

Col. D. Lodor, A. A. G.

DEAR COLONEL:—The very great benefit which has resulted to the National Guard from the rifle practice instruction received at your hands during your arduous tour of months, has been fully exemplified by the scores made by the men both at Brinton and Stockton ranges. I allude to armory practice, which it seems to me should be continued, if the benefits derived in the past is any criterion for what might be expected in the future.

Hoping that your onerous night duties in the successful teaching the men "how to shoot" has had no ill effect upon your health, and that in the future you may be as useful to the State as you have proven to be in times gone by, believe me, dear Colonel,

Truly yours,

W. A. MORRELL,
Col. commanding Third Regiment N. G. N. J.

HEADQUARTERS SECOND BATTALION N. G. OF N. J. }
LEONIA, August 2d, 1879. }

Colonel Daniel Lodor, Asst. Adj. Gen. N. G. of N. J.

COLONEL:—I have the honor to acknowledge the receipt of yours of 31st ultimo. Am confident that the instruction given by you in armory rifle practice was beneficial to my command. Observed that though a minority of the rank and file were comparatively indifferent, yet the large majority were on the contrary greatly interested therein, and seemed to fully appreciate the opportunity offered them by the State for perfecting themselves in armory rifle practice.

Yours most respectfully,

J. VREELAND MOORE,
Major Second Battalion N. G. N. J.

HEADQUARTERS FIFTH VETERAN REGIMENT N. G. OF N. J. }
NEWARK, N. J., August 2d, 1879. }

COLONEL:—I desire to testify to the great benefit derived from your instruction in armory rifle practice, both officers and men having taken great interest, and the results have been shown by the practice at Brinton range. The aiming and position drill has been of vast benefit, imparting more accuracy and steadiness—men who at the commencement could scarcely score at 25 yards, can now score 15 and 18 at 100 and 150 yards. The money expended by the State in ammunition and other expenses of

instruction has been, in my estimation, well spent, and should the National Guard be called into active service again they will have greater confidence in themselves, from the knowledge that they know how to handle their arms effectually, and that knowledge will make one hundred marksmen equal to five hundred undrilled men with arms, and firing wildly. Hoping that the State authorities will continue the good work of aiding and instructing its soldiers so that they may become more efficient, and personally thanking you for your efforts and zeal in behalf of the National Guard of New Jersey,

I remain respectfully yours,

L. R. BARNARD,

Col. Fifth Regiment N. G. N. J.

COL. D. LODOR, *A. A. Gen., Instructor of Rifle Practice.*

HEADQUARTERS N. G. OF N. J. }
TRENTON, August 5th, 1879. }

Respectfully forwarded for the information of the Commander-in-Chief. Col. Lodor has rendered valuable and efficient service to the National Guard, the course of instruction has been thorough, and imparted in an intelligent manner. I trust he may be remunerated, in accordance with the understanding at the time he was detailed for this duty.

G. MOTT,
Major General.

UNIFORM DRESS AND EQUIPMENTS OF THE NATIONAL GUARD OF NEW JERSEY.

COATS.—FULL DRESS FOR OFFICERS.

All officers shall wear a double-breasted frock coat of dark blue cloth, the skirt to extend from one-half to three-fourths the distance from the hip joint to the bend of the knee.

For a Major General.—Two rows of buttons on the breast, nine in each row, placed by threes the distance between each row five and one-half inches at top, and three and one-half inches at bottom; stand up collar, not less than one nor more than two inches in height, to hook in front at the bottom and slope thence up and backward at an angle of thirty degrees on each side, corners rounded; cuffs three inches deep, to go around the sleeves parallel with the lower edge, and with three small buttons at the under seam; pockets in the folds of the skirts, with two buttons at the hip and one at the lower end of each side edge, making four buttons on the back and skirt of the coat; collar and cuffs to be of dark blue velvet; lining of the coat black.

For a Brigadier General.—The same as for a Major General except that there will be eight buttons in each row, on the breast placed by pairs.

For a Colonel, Lieutenant Colonel and Major.—The same as for a Major General, except that there will be nine buttons in each row on the breast, placed at equal distances; collars and cuffs of the same color and material as the coat; the upper half of the cuffs to be ornamented with three double stripes of gold braid running the length of the cuff, pointed at their upper ends, and with a small button below the point of each stripe.

For a Captain, First Lieutenant and Second Lieutenant.—The same as for a Colonel, except that there will be seven buttons in each row on the breast, and two stripes on the cuffs.

This coat shall be worn on all dress occasions, such as reviews, inspections, dress parades, guards, and courts martial. It will be habitually worn at battalion drills, except in hot weather, or when otherwise exceptionally directed by the commanding officer.

UNDRESS FOR OFFICERS.

For Fatigue, Squad and Company Drills.—A sack coat of dark blue cloth or flannel, falling collar, single breasted, with five buttons in front, same as those worn on the dress coat; the skirt to extend from one-third to two-thirds the distance from the hip joint to the bend of the knee.

The shoulder straps will always be worn with it.

For Chaplain.—Plain black frock coat with standing collar; one row of nine black buttons on the breast with "herring bone" of black braid around the buttons and button holes.

FOR ENLISTED MEN.

Infantry.—A single breasted frock coat, dark blue cloth, according to pattern in Quartermaster General's office, at Trenton. All facings on cuffs, collar, shoulder-straps, slashes on back skirt and piping on edges, to be of sky blue cloth, same quality as the body of the coat; collar not less than one and one-half inches in height, faced with sky blue cloth four inches back on each side, cut to hook up close in front; rounded at top; number of regiment or company in yellow metal in middle of sky blue facing of collar on each side. Two pockets inside in the skirt; one inside breast pocket; buttons, nine on breast, three on each cuff and three on each slash on back skirt; shoulder-straps of cloth, the color of the facings let into the seam of the sleeve-head, and to button over the shoulder-belts at the collar-seam, with one button; two straps of dark blue cloth, piped with the same color as the facings, let into the waist-seam on each side of the coat, and buttoning above the hip, to sustain the waist-belt; button holes made with cloth.

Artillery.—Same as for Infantry, excepting that it is shorter in the skirt; the facings and pipings to be of scarlet.

Musicians.—Ornamented on the breast with braid, same color as the facings, running from the button, as now worn, the outer extremities terminating in "herring bones," and the braid returning back to the buttons.

Hospital Stewards.—Same as for Infantry, except the facings to be of emerald green.

Whenever the dress coat is worn by enlisted men it will invariably be buttoned up and hooked at the collar.

Fatigue.—A dark blue blouse of navy flannel, according to the pattern in the Quartermaster General's office.

OVERCOATS.

For General Officers and Officers of the General Staff.—Of dark blue cloth, closing by means of four frog buttons of black silk and

loops of black silk cord; cord down the breast, and at the throat by a long loop "à échelle," without tassel or plate on the left side, and a black silk frog button on the right; cord for the loops fifteen-hundredths of an inch in diameter; back, a single piece slit up from the bottom, from fifteen to seventeen inches, according to the height of the wearer, and closing at will by buttons and button holes cut in a concealed flap; collar of the same color and material as the coat, rounded at the edges, and to stand or fall; when standing to be about five inches high; sleeves loose, of a single piece and round at the bottom, without cuff or slit; lining, woolen; around the front and lower borders, the edges of the pockets, the edges of the sleeves, collar and slit in the back, a flat braid of black silk one-half an inch wide, and around each frog button on the breast a knot two and one quarter inches in diameter, of black silk cord, seven-hundredths of an inch in diameter; cape of the same color and material as the coat, removable at the pleasure of the wearer, and reaching to the end of the coat sleeve when the arm is extended; coat to extend down the leg from six to eight inches below the knee, according to height.

To Indicate Rank.—There will be on both sleeves, near the lower edge, a knot of flat black silk braid, not exceeding one-eighth of an inch in width, and composed of five braids, double knot.

For all other Officers.—Light blue cloth, same shade of color as prescribed for enlisted men; close fitting double-breasted surtout coat, with a cape, made to detach from the coat and fall to the tips of the fingers when the arm and hand are extended; the skirt of the coat, for mounted officers, to reach half-way between the knee and the sole of the foot; for dismounted officers, three inches below the knee.

The coat to have seven buttons on each breast, of the same pattern as those on the uniform coat. The insignia of rank on the sleeve, as follows, viz.:

Colonel.—Five braids, single knot.

Lieutenant Colonel.—Four braids, single knot.

Major.—Three braids, single knot.

Captain.—Two braids, single knot.

First Lieutenant.—One braid, single knot.

Second Lieutenant.—Without braid.

Chaplain.—Without braid.

For Enlisted Men of all Arms.—Of sky blue cloth, according to pattern in the Quartermaster General's office.

TROUSERS.

For General Officers and Officers of the General Staff.—Dark blue cloth, plain, without stripe, welt or cord.

For all Regimental Officers.—Light blue cloth, same shade of

color as prescribed for enlisted men, with stripe one and one-half inches wide, welted at the edges, color that of facings of their respective arms, except infantry, which will be dark blue.

For Chaplains.—Plain black.

For Enlisted Men.—Sky blue mixture, according to pattern in Quartermaster General's office; waist-band one and three-quarter inches wide, to button, with two buttons in front; pockets in front, opening at top, watch pocket in waist-band.

Sergeants.—To wear a stripe one inch wide.

Corporals.—A stripe one-half inch wide.

Privates.—A welt of cloth sewed in with the outside seam; stripes and welt color of facings, except infantry, which will be dark blue.

Hospital Stewards.—Emerald green stripe one and one-quarter inches wide.

All stripes and welts to be of cloth.

Trowsers for all mounted men to be reinforced.

BUTTONS.

General and General Staff Officers.—Will wear the United States staff button.

All Regimental Officers and Enlisted Men.—Will wear the regulation button as herein described; quality fire gilt, convex; device, infantry, crossed rifles, and artillery, crossed cannons, with letters N. G. N. J. in spaces; large size seven-eighths of an inch in exterior diameter, small size five-eighths of an inch in exterior diameter, according to pattern in Quartermaster General's office.

HAT—FULL DRESS.

For General Officers and Officers of the General Staff.—Chapeau as now worn.

For Officers of Light Artillery.—Black felt helmet, with gold cords and tassels, and gilt trimmings, as now worn.

For all other Officers.—Of dark blue cloth, ornamented with gold braid and trimmings, as now worn.

Badge for hat, full dress, same pattern as prescribed for fatigue cap.

PLUMES FOR OFFICERS.

For General Officers and Officers of General Staff.—Two black ostrich feathers.

For Regimental Officers, Infantry.—Of cocks' feathers, to rise five inches above the top of the cap, front feathers to reach the vizor, rear feathers to reach the top of the cap, with gilt ball and socket; color of plume to be white.

For Officers of Light Artillery.—Horse hair plume, gilt ball and socket, plume to be long enough to reach the front edge of the vizor of the helmet; color of the plume to be red.

FATIGUE CAPS.

For General Officers.—Of dark blue cloth, McClellan pattern, with black velvet band and badge in front.

For all other Commissioned Officers.—Of dark blue cloth, McClellan pattern, with badge of arm of service in front, top of badge to be even with top of cap.

For all Enlisted Men.—Of plain blue cloth, McClellan pattern, leather chin strap, with badge of arm of service, worn in front as for officers, according to pattern in Quartermaster General's office.

FATIGUE CAP BADGES.

For General Officers and Officers of the General Staff.—A gold embroidered wreath on dark blue velvet ground, encircling the letters N. J. in silver, old English characters.

For Officers of Artillery.—Two gold embroidered cannons crossed on dark blue cloth ground, with the number of the company in silver at the intersection of the crossed cannon.

For Officers of Infantry.—Two gold embroidered rifles without bayonet, barrels upward, crossed on dark blue cloth ground, with the number of the regiment in silver in the upper angle.

For Enlisted Men.—Badge of arm of service in yellow metal, number of regiment in upper and letter of company in lower angle.

For Musicians.—A yellow metal bugle, with number of regiment in the centre and letter of company above the bugle.

SPURS.

For all Mounted Officers.—Yellow metal or nickle-plated.

For all Mounted Men.—Yellow metal, plain service.

GLOVES.

For General Officers and Officers of the General Staff.—Buff or white gauntlets or gloves.

For Field Officers of Infantry.—White gauntlets or gloves.

All other Officers.—White gloves.

For all Enlisted Men.—White Berlin gloves.

SASH.

For General Officers.—Buff silk net with silk bullion fringe ends; sash to go twice around the waist and to tie behind the left hip,

pendent part not to extend more than eighteen inches below the tie. Sashes will not be worn by officers below the grade of brigadier general.

SWORD AND SCABBARD.

General Officers.—Straight sword, gilt hilt, silver grip; bronze and nickel scabbard same as now worn.

For Officers of Light Artillery.—Sabre and scabbard as now worn.

For all other Officers.—Same as the small straight sword now worn by the officers of the general staff.

The sword and sword-belt will be worn upon all occasions of duty, except fatigue.

SWORD-BELT.

For all Officers.—A waist-belt, not less than one and one-half nor more than two inches wide, with slings of the same material as the belt, with a hook attached to the belt on which to hang the sword; the belt to be worn outside the full dress coat and undress sack, and outside the overcoat by all officers below the grade of brigadier general.

For General Officers.—Of red Russia leather with three stripes of gold embroidery, as now worn.

For all Field Officers.—One broad stripe of gold lace on black enameled leather, as now worn.

For all Officers of the General Staff below the Rank of Field Officers.—Four stripes of gold interwoven with black silk, lined with black enameled leather, as now worn.

For Company Officers of Artillery and Infantry.—Four stripes of gold lace, interwoven with silk of the same color as the facings of their arms of service, and lined with black enameled leather as now worn.

Officers will be permitted to wear a belt of plain black enameled leather when on duty not in full dress.

For all Non-Commissioned Officers.—Plain black leather.

SWORD-BELT PLATE.

For all Officers and Enlisted Men.—Gilt rectangular, two inches wide, with a raised bright rim; a silver wreath of laurel encircling the "Arms of the United States;" eagle, shield, scroll, edge of cloud and rays bright. The motto "E pluribus unum" upon the scroll; stars also of silver, as now worn.

SWORD-KNOT.

For General Officers.—Gold cord with acorn end.

For all other Officers.—Gold lace strap with gold bullion tassel.

EPAULETTES.

For a Major General.—Of gold with solid crescent ; device, two silver embroidered stars of five rays each, respectively one and one-half, one and one-quarter inches in diameter ; the smaller of the two stars placed in the centre of the strap.

For a Brigadier General.—Same as for a Major General, omitting the smaller star.

SHOULDER-KNOTS.

For Officers of the Adjutant General's and Inspector's Departments, and for Aides de Camp to General Officers.—Of gold cord. Russian pattern, on dark blue velvet ground ; insignia of rank embroidered on the cloth ground ; an aiguillette of gold cord to be worn with the right shoulder-knot and attached to the coat underneath the knot by means of a strap or tongue passing through the lower fastening of the knot.

For Officers of Artillery and Infantry.—Of the same pattern as for the staff, but on cloth of the same color as the facings of their arm, with insignia of rank and number of regiment embroidered on the cloth ground without the aiguillettes.

For Regimental Adjutants.—Of the same pattern as for other officers of their arm, but with aiguillettes attached.

INSIGNIA OF RANK ON SHOULDER-KNOTS.

For a Colonel.—A silver embroidered eagle at the centre of the pad.

For a Lieutenant Colonel.—Two silver embroidered leaves, one at each end of pad.

For a Major.—Two gold embroidered leaves, one at each end of pad.

For a Captain.—Two silver embroidered bars at each end of pad.

For a First Lieutenant.—One silver embroidered bar at each end of pad.

For a Second Lieutenant.—Plain.

The above insignia to be the *same* as prescribed for the shoulder-straps.

SHOULDER-STRAPS.

For a Major General.—Dark blue velvet, one and three-eighths inches wide by four inches long, bordered with an embroidery of gold one-fourth of an inch wide ; two silver embroidered stars of five rays each, the centre of each star to be one inch from the outer edge of the gold embroidery on the ends of the strap ; both stars of the same size.

For a Brigadier General.—The same as for a Major General, except that there will be one star instead of two; the centre of the star to be equidistant from the outer edge of the embroidery on the ends of the strap.

For a Colonel.—The same as for a Major General and bordered in like manner with an embroidery of gold; a silver embroidered spread eagle on the centre of the strap, two inches between the tips of the wings, having in the right talon an olive branch, and in the left a bundle of arrows; an escutcheon on the breast, as represented in the "Arms of the United States;" cloth of the strap as follows: for the general staff, dark blue; artillery, scarlet; infantry, sky blue.

For a Lieutenant Colonel.—The same as for a Colonel, omitting the eagle and introducing a silver embroidered leaf at each end, each leaf extending seven-eighths of an inch from the end border of the strap.

For a Major.—The same as for Colonel, omitting the eagle and introducing a gold embroidered leaf at each end, each leaf extending seven-eighths of an inch from the end border of the strap.

For a Captain.—The same as for a Colonel, omitting the eagle and introducing at each end two silver embroidered bars of the same width as the border, placed parallel to the ends of the strap, at a distance between them and from the border equal to the width of the border.

For a First Lieutenant.—The same as for a Colonel, omitting the eagle and introducing at each end one silver embroidered bar of the same width as the border, placed parallel to the ends of the strap, at a distance from the border equal to its width.

For a Second Lieutenant.—The same as for a Colonel, omitting the eagle.

The shoulder-strap will be worn whenever the epaulette or shoulder-knot is not.

CHEVRONS.

The rank of non-commissioned officers will be marked by chevrons upon both sleeves of the uniform coat and overcoat, above the elbow, according to pattern in Quartermaster General's office as follows:

For Uniform and Fatigue Coat.—Of cloth of the same color as the facings of the uniform coat, divided into bars one-half inch wide by black silk stitching.

Overcoats.—Same pattern, except for infantry, which will be on dark blue cloth.

For a Sergeant Major.—Three bars and an arc.

For a Quartermaster Sergeant.—Three bars and a tie of three bars.

For a Commissary Sergeant.—Three bars and a crescent, points front.

For a Principal Musician.—Three bars and a bugle.

For a Hospital Steward.—A half chevron of emerald green cloth, one and three-fourths inches wide, piped with yellow cloth running obliquely downward from the outer to the inner seam of the sleeve at an angle of about thirty degrees, with a horizontal, and in the centre a "caduceus" two inches long, the head toward the outer seam of the sleeve.

For a Color Sergeant.—Three bars and crossed flags.

For General Guides.—Three bars and a single flag.

For a First Sergeant.—Three bars and a lozenge.

For a Sergeant.—Three bars.

For a Corporal.—Two bars.

To Indicate Service.—All non-commissioned officers, musicians and privates who have served faithfully for one term of enlistment will wear as a mark of distinction upon both sleeves of the uniform coat below the elbow, a diagonal half chevron, one-half inch wide, extending from seam to seam, the front end nearest the cuff, and one-half inch above the point of the cuff, to be of the same color as the edging on the coat.

In like manner an additional half chevron, above and parallel to the first, for every subsequent term of enlistment and faithful service; distance between each chevron one-fourth of an inch.

Service in war will be indicated by a white stripe on each side of the chevron for artillery, and a red stripe for all other arms, the stripe to be one-eighth of an inch wide.

HORSE FURNITURE—FOR GENERAL OFFICERS AND THE GENERAL STAFF.

Saddle Cloth for General and General Staff Officers.—Dark blue felt, worn under the saddle, and trimmed around the edge with yellow cloth one and one-half inches wide, scalloped on edge.

For all other Officers.—Dark blue felt, worn under the saddle, and trimmed around the edge with cloth same color as the facings of arm of service, one and one-half inches wide.

To bear on each flank corner ornaments, distinctive of rank, of white or yellow metal.

MISCELLANEOUS.

Aides-de-Camp who have increased rank will wear the aiguillette with the uniform of the general staff.

Aides-de Camp to Major and Brigadier Generals will wear the aiguillette.

Whenever the full dress coat is worn by officers on duty, the prescribed epaulettes or shoulder knots will be attached; letters to be embroidered on shoulder knots in old English.

A. D.—Adjutant General's Department.

Q. D.—Quartermaster's Department.

I. D.—Inspector's Department.

M. D.—Medical Department.

J. A.—Bureau of Military Justice.

The staff of general officers and regimental staffs are not department officers, therefore do not wear any letter or shoulder knot.

Officers when not on duty are permitted to wear a buff, white or blue vest, with the small button prescribed for them.

Uniforms for principal musicians will be prescribed by the commanding officer of the regiment to which they are attached.

ROSTER OF OFFICERS OF NATIONAL GUARD.

| Name of Officer. | Rank. | Date. | Residence. |
|---|----------------------------------|------------------|--------------|
| COMMANDER-IN-CHIEF. | | | |
| George B. McClellan..... | | Jan. 15, '78.... | Trenton. |
| STAFF OF COM'DER-IN-CHIEF. | | | |
| <i>Adjutant General.</i> | | | |
| William S. Stryker..... | { Brig. & Brvt. Maj. General. | April 12, '67.. | Trenton. |
| <i>Quartermaster General.</i> | | | |
| Lewis Perrine..... | { Brig. & Brvt. Maj. General. | Sept. 22, '55.. | Trenton. |
| <i>Surgeon General.</i> | | | |
| Theodore R. Varick..... | Brig. General... | Oct. 5, '69.... | Jersey City. |
| <i>General Inspector.</i> | | | |
| William H. Sterling..... | Brig. General... | April 4, '79.. | Plainfield. |
| <i>Judge Advocate General.</i> | | | |
| ..... | Colonel | | |
| <i>Assistant Adjutant General.</i> | | | |
| S. Meredith Dickinson..... | Colonel..... | Dec. 27, '65.. | Trenton. |
| <i>Aides-de-Camp to Commander-in-Chief.</i> | | | |
| Edward H. Wright..... | Colonel..... | Jan. 15, '78.. | Newark. |
| ..... | Colonel | | |
| Clifford B. Rossell..... | Colonel | Jan. 15, '78.. | Trenton. |
| QUARTERMASTER GENERAL'S DEPARTMENT. | | | |
| <i>Assistant Quartermaster General.</i> | | | |
| ..... | Colonel | | |

| Name of Officer. | Rank. | Date. | Residence. |
|--|----------------------------------|------------------|--------------|
| <i>Deputy Quartermasters.</i> | | | |
| Bird W. Spencer | Major..... | June 4, '78... | Passaic. |
| James S. Yard | Major..... | June 5, '78... | Freehold. |
| GENERAL INSPECTOR'S DEPARTMENT. | | | |
| <i>Assistant Inspectors of Rifle Practice.</i> | | | |
| Isaac J. Wardell..... | Lieut. Colonel.. | May 20, '79... | Orange. |
| James M. Dart..... | Lieut. Colonel.. | Oct. 28, '79... | Elizabeth. |
| COMMANDER OF DIVISION. | | | |
| Gershom Mott..... | Maj. General... | Feb. 27, '73... | Trenton. |
| DIVISION STAFF. | | | |
| <i>Assistant Adjutant General.</i> | | | |
| Daniel Lodor..... | Colonel | April 15, '73.. | Trenton. |
| <i>Inspector.</i> | | | |
| William Ward..... | { Col. & Brvt. Brig. Gen..... | May 20, '73... | Newark. |
| <i>Surgeon.</i> | | | |
| Edward L. Welling..... | Colonel..... | April 15, '73.. | Pennington. |
| <i>Paymaster.</i> | | | |
| Charles V. C. Murphy..... | Lieut. Colonel.. | April 29, '73.. | Trenton. |
| <i>Quartermaster.</i> | | | |
| J. Blanchard Edgar..... | Lieut. Colonel.. | Sept. 11, '77... | Rahway. |
| <i>Judge Advocate.</i> | | | |
| James N. Stratton..... | Lieut. Colonel.. | June 28, '76.. | Mount Holly. |
| <i>Aides-de-Camp.</i> | | | |
| Michael T. Dwyer..... | Major | April 15, '73.. | Newark. |
| John C. Owens..... | Major | May 13, '73... | Trenton. |
| Daniel Elmer..... | Major | June 28, '76.. | Bridgeton. |
| COMMANDER FIRST BRIGADE. | | | |
| Joseph W. Plume..... | { Brig. & Brvt. Maj. General. | May 8, '69.... | Newark. |

| Name of Officer. | Rank. | Date. | Residence. |
|------------------------------------|----------------------------------|-----------------|---------------|
| FIRST BRIGADE STAFF. | | | |
| <i>Assistant Adjutant General.</i> | | | |
| Marvin Dodd..... | Lieut. Colonel.. | April 17, '78.. | Newark. |
| <i>Inspector.</i> | | | |
| George E. P. Howard..... | Lieut. Colonel.. | April 17, '78.. | Newark. |
| <i>Surgeon.</i> | | | |
| ..... | Lieut. Colonel.. | ..... | ..... |
| <i>Quartermaster.</i> | | | |
| Ebenezer W. Davis..... | Major | May 10, '78.. | Newark. |
| <i>Paymaster.</i> | | | |
| Samuel Meeker..... | Major | May 23, '79.. | Newark. |
| <i>Judge Advocate.</i> | | | |
| ..... | Major ..... | ..... | ..... |
| <i>Aide-de-Camp.</i> | | | |
| George W. Dickson, Jr..... | Captain.. | April 10, '79.. | Jersey City. |
| COM. SECOND BRIGADE. | | | |
| William J. Sewell..... | { Brig. & Brvt. Maj. Gen..... | Sept. 7, '77... | Camden. |
| SECOND BRIGADE STAFF. | | | |
| <i>Assistant Adjutant General.</i> | | | |
| Willoughby Weston..... | Lieut. Colonel.. | Feb. 14, '72.. | N. Brunswick. |
| <i>Inspector.</i> | | | |
| Daniel B. Murphy..... | Lieut. Colonel.. | Sept. 25, '71.. | Camden. |
| <i>Surgeon.</i> | | | |
| Franklin Gauntt..... | Lieut. Colonel.. | May 27, '70.. | Burlington. |
| <i>Quartermaster.</i> | | | |
| William M. Palmer..... | Major | Oct. 1, '77.... | Camden. |
| <i>Paymaster.</i> | | | |
| Kenneth J. Duncan..... | Major | June 15, '74.. | N. Brunswick. |

| Name of Officer. | Rank. | Date. | Residence. |
|------------------------------|------------------|------------------|------------|
| <i>Judge Advocate.</i> | | | |
| James E. Hays..... | Major..... | Oct. 1, '77..... | Camden. |
| <i>Aide-de-Camp.</i> | | | |
| Edward Furlong..... | Captain..... | Oct. 27, '77... | Camden. |
| INFANTRY—FIRST REG'T. | | | |
| <i>Field and Staff.</i> | | | |
| William Allen..... | Colonel..... | May 5, '70.... | Newark. |
| Edward A. Campbell..... | Lient. Col..... | April 12, '76. | Newark. |
| Frederick Frelinghuysen..... | Major..... | May 16, '77... | Newark. |
| George Schenck..... | Adjutant | Jan. 6, '79.... | Newark. |
| George G. Gorum..... | Quartermaster.. | June 22, '75.. | Newark. |
| Enos Runyon..... | Paymaster | June 22, '75.. | Newark. |
| Aaron K. Baldwin..... | Surgeon | Nov. 22, '77.. | Newark. |
| ..... | Ass't Surgeon... | ..... | ..... |
| Hannibal Goodwin..... | Chaplain..... | June 22, '75.. | Newark. |
| Moses J. Dewitt..... | Judge Adv..... | Nov. 22, '78.. | Newark. |
| Isaac R. Denman..... | Ins. Rifle Prac. | October 6, '79 | Newark. |
| <i>Company A.</i> | | | |
| Edward E. Starrs..... | Captain..... | March 31, '79 | Newark. |
| John J. Berry..... | 1st Lieut..... | Feb. 25, '78... | ..... |
| Robert J. Mooney..... | 2d Lieut..... | April 15, '78. | ..... |
| <i>Company B.</i> | | | |
| William F. Donovan..... | Captain..... | Nov. 19, '77.. | Newark. |
| ..... | 1st Lieut..... | ..... | ..... |
| James C. Greenhalgh..... | 2d Lieut..... | Sept. 18, '79.. | ..... |
| <i>Company C.</i> | | | |
| William W. Hullfish..... | Captain | March 16, '74 | Newark. |
| ..... | 1st Lieut..... | ..... | ..... |
| ..... | 2d Lieut..... | ..... | ..... |
| <i>Company D.</i> | | | |
| Alfred Williams..... | Captain..... | July 21, '64... | Newark. |
| Frank M. Palmatier..... | 1st Lieut | March 14, '78 | ..... |
| Theodore C. Landesser..... | 2d Lieut..... | March 14, '78 | ..... |
| <i>Company E.</i> | | | |
| Samuel Klotz..... | Captain | Sept. 30, '73.. | Newark. |
| Charles B. Champlin..... | 1st Lieut..... | Sept. 22, '76.. | ..... |
| ..... | 2d Lieut..... | ..... | ..... |

| Name of Officer. | Rank. | Date. | Residence. |
|----------------------------|------------------|----------------|---------------|
| <i>Company F.</i> | | | |
| Julius R. Denman..... | Captain..... | March 1, '78.. | Newark. |
| George W. Frey..... | 1st Lieut..... | June 1, '77.. | |
| William E. S. Crane..... | 2d Lieut..... | June 10, '79.. | |
| THIRD REGIMENT. | | | |
| <i>Field and Staff.</i> | | | |
| John C. Rose..... | Colonel..... | July 31, '79.. | Elizabeth. |
| Elihu H. Ropes..... | Lieut. Colonel.. | July 31, '79.. | Elizabeth. |
| Morris N. Oviatt..... | Major..... | July 31, '79.. | N. Brunswick. |
| Frederick A. Apelles..... | Adjutant..... | May 11, '71.. | Elizabeth. |
| Jacob J. Coyne..... | Quartermaster.. | Dec. 13, '72.. | Elizabeth. |
| Nathaniel K. Thompson..... | Paymaster..... | May 6, '74.. | Elizabeth. |
| ..... | Surgeon..... | ..... | ..... |
| ..... | Asst. Surgeon.. | ..... | ..... |
| ..... | Chaplain..... | ..... | ..... |
| George B. Munn..... | Judge Adv..... | Dec. 17, '77.. | N. Brunswick. |
| ..... | Ins. Rifle Prac. | ..... | ..... |
| <i>Company A.</i> | | | |
| Lewis C. Rainear..... | Captain..... | May 10, '79.. | Asbury Park. |
| George C. Ormorod..... | 1st Lieut..... | May 10, '79.. | |
| ..... | 2d Lieut..... | ..... | ..... |
| <i>Company B.</i> | | | |
| Benjamin P. Holmes..... | Captain..... | Feb. 28, '78.. | Elizabeth. |
| Thomas Forsyth..... | 1st Lieut..... | Feb. 28, '78.. | |
| Charles B. Johnson..... | 2d Lieut..... | Aug. 15, '78.. | |
| <i>Company C.</i> | | | |
| William H. De Hart..... | Captain..... | Aug. 13, '68.. | Elizabeth. |
| Edward S. Pierson..... | 1st Lieut..... | Dec. 9, '78.. | |
| Uriah L. Van Deventer..... | 2d Lieut..... | Aug. 12, '78.. | |
| <i>Company D.</i> | | | |
| ..... | Captain..... | ..... | N. Brunswick. |
| Samuel Chevalier..... | 1st Lieut..... | April 2, '77.. | |
| William S. Strong..... | 2d Lieut..... | March 26, '75 | |
| <i>Company F.</i> | | | |
| William Bloodgood..... | Captain..... | Feb. 27, '77.. | Rahway. |
| Charles A. Grove..... | 1st Lieut..... | Feb. 27, '77.. | |
| Jacob S. Lunger..... | 2d Lieut..... | Jan. 14, '79.. | |
| <i>Company G.</i> | | | |
| Benjamin A. Lee..... | Captain..... | May 26, '76.. | Keyport. |
| James H. Johnson..... | 1st Lieut..... | Jan. 25, '78.. | |
| Harry Seabrook..... | 2d Lieut..... | Jan. 25, '78.. | |

| Name of Officer. | Rank. | Date. | Residence. |
|------------------------------|-------------------|-----------------|--------------|
| FOURTH REGIMENT. | | | |
| <i>Field and Staff.</i> | | | |
| Dudley S. Steele..... | Colonel..... | Feb. 7, '73.... | Jersey City. |
| William B. Shafer..... | Lieut. Colonel.. | March 20, '76 | Jersey City. |
| Benjamin Gregory..... | Major | March 20, '76 | Jersey City. |
| Samuel D. Dickinson..... | Adjutant..... | April 1, '76... | Jersey City. |
| John A. Parker..... | Quartermaster.. | Jan. 17, '78... | Jersey City. |
| Edward P. De Mott..... | Paymaster..... | Oct. 8, '75.... | Jersey City. |
| John D. McGill..... | Surgeon..... | June 1, '77... | Jersey City. |
| ..... | Asst. Surgeon... | ..... | ..... |
| Ralph B. Hoyt..... | Chaplain..... | March 25, '78 | Jersey City. |
| Charles Boltwood..... | Judge Adv..... | March 25, '78 | Jersey City. |
| Andrew Anderson..... | Ins. Rifle Prac.. | May 10, '79... | Hoboken. |
| <i>Company A.</i> | | | |
| Charles W. Laws..... | Captain..... | Oct. 30, '77... | Jersey City. |
| James H. Van Benschoten..... | 1st Lieut..... | July 30, '78... | |
| Edlow W. Harrison..... | 2d Lieut..... | July 8, '79... | |
| <i>Company B.</i> | | | |
| Alfred Bellard..... | Captain.. | Aug. 4, '68... | Jersey City. |
| Robert B. Moss..... | 1st Lieut..... | June 4, '78... | |
| ..... | 2d Lieut..... | ..... | ..... |
| <i>Company C.</i> | | | |
| Herbert E. Hamilton | Captain..... | March 2, '78.. | Jersey City. |
| William Peel..... | 1st Lieut..... | July 1, '78... | |
| John Brennan..... | 2d Lieut..... | March 2, '78.. | |
| <i>Company D.</i> | | | |
| George B. Fielder..... | Captain..... | June 11, '78.. | Bergen. |
| Abram P. Bush..... | 1st Lieut..... | July 2, '78... | |
| Charles Koelble..... | 2d Lieut..... | July 2, '78... | |
| <i>Company E.</i> | | | |
| P. Farmer Wanser..... | Captain..... | March 21, '77 | Jersey City. |
| Thomas D. Voudy..... | 1st Lieut..... | March 21, '77 | |
| William O. Chase..... | 2d Lieut..... | Sept. 26, '77.. | |
| <i>Company F.</i> | | | |
| Eugene K. Shrope..... | Captain..... | June 15, '76.. | Jersey City. |
| Peter W. M. West.. .. | 1st Lieut..... | Aug. 1, '78... | |
| John T. Rouse | 2d Lieut..... | Aug. 1, '78... | |

| Name of Officer. | Rank. | Date. | Residence. |
|----------------------------------|------------------|----------------------|------------|
| FIFTH REGIMENT (Veteran.) | | | |
| <i>Field and Staff.</i> | | | |
| Levi R. Barnard..... | Colonel | May 12, '73... | Newark. |
| John M. Mahannah..... | Lieut. Col..... | Jan. 8, '72.... | Newark. |
| Charles M. Taylor..... | Major..... | Nov. 11, '72.. | Newark. |
| William H. Jeroleman..... | Adjutant..... | Oct. 2, '77.... | Newark. |
| Washington R. Russell..... | Quartermaster.. | June 9, '79... New. | Newark. |
| William R. Williams..... | Paymaster..... | June 17, '73.. | Newark. |
| Herman E. Bleyle..... | Surgeon..... | June 14, '75.. | Newark. |
| Hermon C. H. Herold..... | Ass't Surgeon.. | May 21, '78... New. | Newark. |
| ..... | Chaplain..... | ..... | ..... |
| Abraham Jenkinson..... | Judge Adv..... | Oct. 15, '78... New. | Newark. |
| Charles Gasser..... | Ins. Rifle Prac. | May 31, '79... New. | Newark. |
| <i>Company C.</i> | | | |
| ..... | Captain..... | ..... | Newark. |
| James H. Hopkins..... | 1st Lieut..... | April 7, '79.. | ..... |
| ..... | 2d Lieut..... | ..... | ..... |
| <i>Company D.</i> | | | |
| Charles F. Stephan..... | Captain..... | Nov. 21, '78.. | Newark. |
| Mathias Grossner..... | 1st Lieut..... | Nov. 21, '78.. | ..... |
| ..... | 2d Lieut..... | ..... | ..... |
| <i>Company E.</i> | | | |
| Edwin Hoyt..... | Captain..... | Feb. 5, '72.... | Newark. |
| Henry M. Van Buren..... | 1st Lieut..... | April 26, '77.. | ..... |
| Jacob K. Romine..... | 2d Lieut..... | Dec. 9, '75.... | ..... |
| <i>Company F.</i> | | | |
| Michael F. Gaffney..... | Captain..... | June 18, '78.. | Newark. |
| ..... | 1st Lieut..... | ..... | ..... |
| ..... | 2d Lieut..... | ..... | ..... |
| <i>Company G.</i> | | | |
| George M. Townsend..... | Captain..... | July 15, '73.. | Newark. |
| William H. Egbert..... | 1st Lieut..... | Jan. 11, '76... New. | Newark. |
| ..... | 2d Lieut..... | ..... | ..... |
| <i>Company H.</i> | | | |
| William Astley..... | Captain..... | April 15, '78.. | Newark. |
| Charles M. Robotham..... | 1st Lieut..... | July 23, '79... New. | Newark. |
| ..... | 2d Lieut..... | ..... | ..... |

| Name of Officer. | Rank. | Date. | Residence. |
|---------------------------|---|---------------------------|-------------|
| SIXTH REGIMENT. | | | |
| <i>Field and Staff.</i> | | | |
| E. Burd Grubb..... | { Colonel and Brevet Brig. Gen'l..... } | Oct. 19, '77 | Beverly. |
| Richard H. Lee..... | Lieut. Colonel.. | May 10, '77... | Camden. |
| William H. Cooper..... | Major | May 10, '77... | Camden. |
| Emmor H. Lee..... | Adjutant..... | May 17, '77... | Camden. |
| ..... | Quartermaster.. | ..... | ..... |
| Sandford S. Murphy..... | Paymaster..... | April 9, '79... | Burlington. |
| H. Genet Taylor..... | Surgeon. | Sept. 24, '70.. | Camden. |
| Isaac B. Mulford | Asst. Surgeon... | Sept. 28 '71.. | Camden. |
| William H. Jeffries..... | Chaplain | Sept. 24, '70.. | Camden. |
| Alfred Hugg..... | Judge Adv..... | Mar. 14, '78.. | Camden. |
| Richard W. Kerswell..... | Ins. Rifle Prac. | April 9, '79... | Camden. |
| <i>Company A.</i> | | | |
| Samuel Phillips..... | Captain..... | Sept. 15, '76.. | Burlington. |
| ..... | 1st Lieut..... | ..... | ..... |
| Benjamin L. West..... | 2d Lieut..... | May 9, '76... | ..... |
| <i>Company B.</i> | | | |
| William H. Stanbury..... | Captain..... | July 14, '79... | Camden. |
| ..... | 1st Lieut..... | ..... | ..... |
| ..... | 2d Lieut..... | ..... | ..... |
| <i>Company C.</i> | | | |
| Joseph C. Lee..... | Captain..... | Oct. 11, '71... Camden. | |
| William I. Browning..... | 1st Lieut..... | Nov. 23, '77.. | |
| J. Oscar Nichuals..... | 2d Lieut..... | Nov. 23, '77.. | |
| <i>Company D.</i> | | | |
| Charles S. Bernard..... | Captain..... | Oct. 24, '77... Camden. | |
| Edward H. Banister..... | 1st Lieut | April 24, '78.. | |
| Thomas H. Walters..... | 2d Lieut..... | April 24, '78.. | |
| <i>Company E.</i> | | | |
| Henry C. Sandman | Captain..... | June 26, '77.. Camden. | |
| Charles Shivers, Jr..... | 1st Lieut..... | Mar. 25, '79... | |
| ..... | 2d Lieut..... | ..... | ..... |
| <i>Company F.</i> | | | |
| Robert R. Eckendorff..... | Captain..... | Oct. 6, '79..... Beverly. | |
| James V. Cain | 1st Lieut | Mar. 1, '78... | |
| Elias S. Longstreet | 2d Lieut..... | Mar. 1, '78... | |

| Name of Officer. | Rank. | Date. | Residence. |
|------------------------------|-------------------|-----------------|---------------|
| <i>Company H.</i> | | | |
| George W. Smith..... | Captain..... | June 4, '75... | Cape May. |
| Christopher S. Magrath..... | 1st Lieut..... | June 4, '75... | |
| William Farrow..... | 2d Lieut..... | Feb. 4, '78... | |
| <i>Company K.</i> | | | |
| George A. Cheever..... | Captain..... | Dec. 7, '75.... | Vineland. |
| Oliver W. Vernal..... | 1st Lieut..... | June 27, '76.. | |
| Samuel R. Trevitt..... | 2d Lieut..... | Sept. 10, '78.. | |
| SEVENTH REGIMENT. | | | |
| <i>Field and Staff.</i> | | | |
| Ashbel W. Angel..... | Colonel..... | May 22, '72... | Lambertville. |
| Charles M. Sloan..... | Lieut. Colonel.. | March 25, '79 | Mount Holly. |
| Benjamin F. Chambers..... | Major..... | March 25, '79 | Trenton. |
| Charles H. W. Vansciver..... | Adjutant..... | May 8, '78.... | Lambertville. |
| George T. Cranmer..... | Quartermaster.. | Aug. 9, '75.... | Barnegat. |
| Richard A. Donnelly..... | Paymaster..... | March 18, '79 | Trenton. |
| George H. Larison..... | Surgeon..... | July 20, '77... | Lambertville. |
| ..... | Asst. Surgeon... | ..... | ..... |
| Henry M. Baun..... | Chaplain..... | July 1, '77.... | ..... |
| Robert S. Woodruff, Jr..... | Judge Adv..... | April 11, '79.. | Trenton. |
| ..... | Ins. Rifle Prac.. | ..... | ..... |
| <i>Company A.</i> | | | |
| William H. Skirm..... | Captain..... | March 25, '78 | Trenton. |
| Howell C. Stull..... | 1st Lieut..... | March 25, '78 | |
| Thomas S. Chambers..... | 2d Lieut..... | March 25, '78 | |
| <i>Company B.</i> | | | |
| William H. Bilbee..... | Captain..... | Sept. 11, '77.. | Trenton. |
| George L. Forman..... | 1st Lieut..... | Sept. 11, '77.. | |
| Philip C. Kulp..... | 2d Lieut..... | March 12, '78 | |
| <i>Company C.</i> | | | |
| Charles W. Kitchen..... | Captain..... | May 13, '72... | Lambertville. |
| Samuel Mustard..... | 1st Lieut..... | April 14, '77.. | |
| D. Spencer Williams..... | 2d Lieut..... | March 9, '76.. | |
| <i>Company D.</i> | | | |
| Michael Hurley..... | Captain..... | July 20, '75... | Trenton. |
| James Campbell..... | 1st Lieut..... | July 22, '73... | |
| John E. Walsh..... | 2d Lieut..... | July 18, '79... | |
| <i>Company E.</i> | | | |
| John C. Patterson..... | Captain..... | April 11, '72.. | Turkey. |
| Austin P. Johnson..... | 1st Lieut..... | May 25, '78... | |
| Andrew J. Buck..... | 2d Lieut..... | May 25, '78... | |

| Name of Officer. | Rank. | Date. | Residence. |
|---------------------------|-------------------|-----------------|--------------|
| <i>Company F.</i> | | | |
| Frederick W. Kelly..... | Captain..... | Feb. 26, '79... | Mount Holly. |
| Samuel R. Smalley | 1st Lieut..... | Feb. 26, '79.. | |
| Charles H. Estell..... | 2d Lieut..... | June 24, '77.. | |
| NINTH REGIMENT. | | | |
| <i>Field and Staff.</i> | | | |
| B. Franklin Hart..... | Colonel..... | April 20, '74. | Hoboken. |
| Joel Green..... | Lieut. Col..... | April 20, '74. | Hoboken. |
| ..... | Major..... | | |
| Samuel Hall..... | Adjutant..... | April 30, '74. | Hoboken. |
| James H. Symes..... | Quartermaster.. | April 8, '78... | Hoboken. |
| John R. Stevens. | Paymaster..... | Sept. 17, '75.. | Hoboken. |
| ..... | Surgeon..... | | |
| Hugo Nast..... | Ass't Surgeon.. | May 23, '76... | Hoboken. |
| George C. Houghton..... | Chaplain..... | April 17, '79. | Hoboken. |
| William P. Wood..... | Judge Adv..... | Nov. 11, '78. | Jersey City. |
| Charles Eicke..... | Ins. Rifle Prac.. | April 30, '79. | Hoboken. |
| <i>Company A.</i> | | | |
| Patrick J. Meehan..... | Captain..... | March 6, '67. | Hoboken. |
| Bartholomew Devinney..... | 1st Lieut..... | March 12, '78 | |
| ..... | 2d Lieut..... | | |
| <i>Company B.</i> | | | |
| Ignatius Krobalsch..... | Captain..... | Jan. 25, '78... | Weehawken. |
| Robert Schlemm..... | 1st Lieut..... | Dec. 23, '78... | |
| Richard Currey..... | 2d Lieut..... | Dec. 23, '78... | |
| <i>Company C.</i> | | | |
| Raymond M. Cook..... | Captain..... | Dec. 30, '78... | Hoboken. |
| Lewis R. McCulloch..... | 1st Lieut..... | Sept. 10, '79.. | |
| ..... | 2d Lieut..... | | |
| <i>Company D.</i> | | | |
| Charles Erlenkotter..... | Captain..... | April 22, '79. | Hoboken. |
| Charles Wilhelms..... | 1st Lieut..... | Oct. 17, '76... | |
| ..... | 2d Lieut..... | | |
| <i>Company E.</i> | | | |
| ..... | Captain..... | | Jersey City. |
| ..... | 1st Lieut..... | | |
| ..... | 2d Lieut..... | | |

| Name of Officer. | Rank. | Date. | Residence. |
|-----------------------------|------------------|-----------------|--------------|
| <i>Company F.</i> | | | |
| Theodore W. Griffith..... | Captain..... | Feb. 18, '76... | Hoboken. |
| Lewis H. Greve..... | 1st Lieut..... | Jan. 27, '79... | |
| ..... | 2d Lieut..... | ..... | ..... |
| SECOND BATTALION. | | | |
| <i>Field and Staff.</i> | | | |
| James V. Moore..... | Major | Oct. 8, '72.... | Leonia. |
| Charles U. Springer..... | Adjutant..... | Dec. 30, '72... | Leonia. |
| Jacob J. De Mott..... | Quartermaster.. | June 22, '76.. | Englewood. |
| William P. DeGraw..... | Paymaster..... | Dec. 30, '72... | Leonia. |
| Melancton S. Ayers..... | Surgeon..... | April 15, '76.. | Leonia. |
| ..... | Asst. Surgeon.. | ..... | ..... |
| ..... | Chaplain..... | ..... | ..... |
| Washington R. Vermilye..... | Judge Adv..... | Feb. 19, '79... | Englewood. |
| ..... | Ins. Rifle Prac. | ..... | ..... |
| <i>Company A.</i> | | | |
| Stephen H. V. Moore..... | Captain..... | Oct. 15, '72... | Leonia. |
| Emanuel G. Gismond..... | 1st Lieut | March 14, '76 | |
| Frederick G. Bennett..... | 2d Lieut..... | April 18, '76.. | |
| <i>Company B.</i> | | | |
| William P. Coe..... | Captain..... | May 10, '72... | Englewood. |
| Addison Thomas..... | 1st Lieut..... | March 21, '79 | |
| Frederick G. Coyte..... | 2d Lieut..... | May 26, '76... | |
| <i>Company C.</i> | | | |
| Abraham D. Campbell..... | Captain..... | March 7, '76.. | Hackensack. |
| John Engel..... | 1st Lieut..... | May 30, '76... | |
| John E. Huyler..... | 2d Lieut..... | May 30, '76... | |
| ARTILLERY. | | | |
| BATTERY A. | | | |
| <i>First Brigade.</i> | | | |
| Peter A. Eller..... | Captain..... | May 8, '78.... | Jersey City. |
| ..... | 1st Lieut..... | ..... | ..... |
| Phillip Linn..... | 1st Lieut..... | Dec. 23, '75... | Union Hill. |
| Peter Buckens..... | 2d Lieut..... | Dec. 23, '75... | Hoboken. |
| ..... | 2d Lieut..... | ..... | ..... |

| Name of Officer. | Rank. | Date. | Residence. |
|-----------------------|---|-----------------|------------|
| GATLING GUN. | | | |
| Company A. | | | |
| J. Madison Drake..... | { Captain and Brevet Brig. Gen'l..... } | May 13, '78 | Elizabeth. |
| George W. Ash..... | 1st Lieut..... | Aug. 26, '78.. | |
| Joseph Lambert..... | 2d Lieut..... | Aug. 26, '78.. | |
| Joseph G. Ogden..... | 2d Lieut..... | April 28, '79.. | |
| Company B. | | | |
| Emmor D. French..... | Captain..... | June 10, '78.. | Camden. |
| John H. Pratt..... | 1st Lieut..... | July 24, '79.. | |
| John McMullen..... | 2d Lieut..... | July 24, '79.. | |

REPORT

OF THE

ADJUTANT GENERAL

OF THE

STATE OF NEW JERSEY,

FOR THE YEAR ENDING OCTOBER 30TH,

1880.

MT. HOLLY, N. J.:
CHARLES H. FOLWELL, PRINTER.
1880.

