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The Volunteer Review and Military and Naval Gazette.

A Journal Deboted to the Interests of the Military and Nabal Forces of the Dominion of Canada

VOL. VII.

OTTAWA, (CANADA,) TUESDAY, JULY 15, 1878. Representations

No 98

NEWS OF THE WEEK.

The Shah of Persia took his depurture from this city te day. (July 5th) for France. His Majesty proceeded to Portsmouth, where he embarked on the British steam sloop "Rapid" at two o'clock this afternoon and sailed immediately for Cherbourg. An immence crowd gathered at the Railway station is this city and loudly cheered the Shah as the train moved off. As the "Rapid" steamed out of Portsmouth harbor, a parting salute was fired by the Channel Squads ron.

A despatch from Bombay brings intelligence of a rising among the Hindoo peasants in the District of Pinah. They refuse to pay rents, and have plundered and burned several houses. Two bands have been dispersed by the police.

The European and American Congress will meet at Berne on the 9th September.

A reduction in the rate of discount of the Bank of England, will probably be made to-morrow. The rate of discount for 3 months' bills in open market 15 1-6 per cent below the Bank of England rate.

A Vienna despatch to the Standard says, an attempt was made yesterday by an in cendiary to fire the exhibition building. Correspondents of the London journals and other persons who have returned here from Vienna, hint that the building will probably be burned soon.

In the House of Commons this evening the members for Merther Tydville, moved that in the opinion of the House Her Majesty's Government should communicate with foreign powers for the purpose of improving international law and with a view to establishing arbitration as a permanent resort for the settlement of differences between nations. In support of his motion he stated that he had received a large number of letters from America expressing sympathy with his motion.

Mr. Gladstone opposed the motion, he argued that it would defeat its own object, because continental nations held widely different views on the subject. He asked the gentleman to withdraw the motion.

Mr. Richard declined to withdraw and the House divided. The divisor resulted in a tie, 98 yeas to 98 nays, and the Speaker gave his casting vote in favour of the motion, which was adopted.

The Herald's London special says: The Herald's correspondent at Khartown telegraphs via Alexandria, a confirmation of the arrival of Sir Samuel and Lady Baker and party. He adds that Sir Samuel Baker has succeed in organizing district governments, appointing superintendents, and making Fatiko the chief station; Goudokooro being next in importance. He also established eight other principal posts, which from a connected chain from Mibia to Nynza, and obtained troops to complete the garrisoning of communications. An important geographical discovery is said to have been made. which will astonish the scientific world, as it pretends that Lakes Tanganyika and Albert Nyanza prove to be one and the same water, and a magnificent inland sea seven hundred miles in length. It is further announced that vessels can be launched above the falls named after Sir Roderick Murchison, and sail to Ujiji. Baker and party are in excellent health, and leaves at once for Sonakim. en route to Suez.

Dighteen Norwegians belonging to the German Arctic Navigation Company's Service, who were left on Spitsbergen Island, were found dead by the party who went to their rescue.

The second instalment of two hundred and fifty million francs of the last milliard of war indemnity, was delivered to the German treasury on the 5th inst. There now remains due to Germany but five hundred million francs, which, in accordance with the treaty signed at Berlin on the 15th March last, is to be paid by the 5th of next September.

The Duke de Briment's libel suits against the proprietors of the American Register of this City, and the New York Herald, were decided for the plantiff. The Register was condemned to pay 5,000 francs damages and a fine of 1,500 francs; the Herald to pay 6,000 francs damages, and 1,000 francs fine.

The Paris correspondent of the Times tele graphs that the trial of Marshal Bazune will probably take place at Compeign in the latter part of September.

The Shah of Persia arrived this afternoon at Cherbourg, on the Birtish ship 'Rapid,' The town and the shipping in the harbor were brilliantly illuminated.

The number of foreign visitors to the Exhibition is increasing daily. The great majority are from England.

The juries are now hard at work, and it is thought that a considerable number of prizes will be awarded to American exhibitors.

A severe rain storm passed over the city. The rain penetrated through the roof of the Exhibition building, considerably damaging the goods exhibited in the United States department and runing the silks displayed in the French section.

Notice is given in the journals that the International Patent Right Congress will convene on the 14th of August. An Imperial Commission has been appointed to arrange the preliminaries. The language used at the Congress will be German, but French and English will be permitted. The decision of the Congress will be communicated through the sveral commissions to their respective governments. Inventors and proprietors of inventions are actively moving in the matter, and a large and important gathering is expected.

The Count de Cambray has failed to form a Cabinet, and the crisis in the Ministry continues.

Shocks of earthquake are reported this morning in Billuno and vicinity.

The Shah of Persia has accepted an invitation to visit this city.

The Shah of Persia and suit entered the Passey station at 6:30 this morning where the Shah was met by President McMahon and Duc de Broglu. At the arch of triumph the Shah was met by the Prefect of the Seine and the municipal councillors. M. Vautrain made an address of welcome, to which the Shah briefly replied. He was then escorted to the Palais Bourbon, where he was received by M. Buffet, President of the National Assembly. The crowds of spectators were immense, and the Shah had a warm and popular reception.

ANNUAL REPORT ON THE STATE OF THE MILITIA FOR 1872.

(Continued from Page 314)

On the 24th June, the staff, composed as follows:

Brigade Major, Major Crawford, 3rd Bat talion.

Supply Officer. Lieut, Colonel Dowker, M. G.A.

Camp Quartermaster, Lieut. Seath; 6th Battalion

Musketry Instructor, Lieut, Campbell, 3rd Battalion.

Orderly Officer, Lieutenant Gordon, M. G.

proceeded to the ground, and the operation of laying out the camp commenced, and by the exertions of the Brigade Mujor, assisted by the Camp Quarter Master and Orderly officer, was most accurately performed. A non commissioned officer and one man per company from the various corps arrived, and took over the comp equipage of their respective corps, commenced to pitch tents, dig latrines. &c, the whole remaining in camp during the night.

On the 25th the various corps commenced to arrive, and by nightfull with the exception of the Montreal Troop of Cavalry, which was marching from Montreal, all had arrived and were comfortably settled for the night; ration returns for the following day having been made out, guards mounted and sentries

posted.

The Brigade was composed as follows:

St. Andrew's and Montreal Troops of Cavalry.

1st Battalion "Prince of Wales Own Rifles"

3rd Battalion, Rifles." "Victoria Volunteer

6th Batt. "Hochelaga Light Infantry." 11th But. " Argenteuil Rangers." Wakefield Infantry Company. Eurdley Infantry Company. Alywin Infantry Company.

The three last named companies were at tached to the 16th Battalion.

and regular drill commenced, which for the hirst five days was confined to squad, com-pany, troop and battalion drill. The daily improvement was apparent, and especially with the Aylwin Company which came into camp all recruits, and was soon able to take their place in battalion. On the 1st of July the first brigade parado was ordered, and a march past and a few simple brigade movements were gone through, but no blank am munition was served out, as I did not con sider the brigade had been long enough in training to make the expenditure profitable. From this tune until the close of the camp, besides the morning drills, brigade parades daily (three days with li) rounds of blank ammunition) and the improvement in bri gade movements and light infinity was most creditable, and gave me very great satisfaction.

I gave the command of the brigade parade one day each to the following officers viz., Lt. Col. Bond, Lt. Colonel Bethune and Major Rogers, arranging with them beforehand what brigade movements were to be performed at the afternoon parades, and I have through with their respective programmes in a very creditable manner.

The rifle ranges situated on a piece of ground kindly given for the purpose by Mr. Charles Albright, a farmer, were about a half mile from the camp; the butts, four in number, were carefully built under the suporvision of the Musketry Instructor, and each range was available for 200, 400, and 600 yards. The target practice commenced on the 2nd July, and was conducted admir ably and carried through successfully, and was the fill the successfully. completed on the Gili without mislings of any kind, thanks to the care taken by the Brigido Musketry Instructor, Lieut. Camp bell. A list of best shots is herewith transmitted.

The whole of the buglers in camp were daily exercised under an efficient instructor and benefitted much by the arrrange

The duties of guard mounting, posting sentries, &c., I found at first to be very unsatisfactorily performed, until I detailed an instructor to attend to this particular duty, and the benefit thereof was very soon apparent, by the manner in which the guards were relieved, and the greater alertness shewn by sentries on their posts.

Regimental officers' messes were estab

hshed and worked well; the Brigade Stuff

messed by themselves.

The brigade paraded for Divine Service each Sunday in camp; the Roman Catholics attending their church in St. Andrew's, and the Reyrend Canon Lonsdale most kindly officiated in camp for the Protes tants.

Under the supervision of the Camp Quar termaster, the camp was kept clean and healthy. The issue of all the camp equip age, as well as taking over again devolves on this officer, and he performed his duties sometimes arduous, very much to my satisfaction.

The duties of Supply Officer were most efficiently performed, and the Contractor's supplies were of excellent quality, there were consequently no complaints during the whole time of the training, either us to the quantity or quality of the rations, the additions made to which since the previous year were duly appreciated.

The Brigade Major was indefatigable, and my best thanks are due to him for the very satisfactory manner in which he carried out my orders in every respect; in fact, where On the 26th rations were first served out all the Staff worked with a determination to make the camp a success, it is perhaps invidious on my part to individualize, as my thanks are due to the whole of my staff for the way in which they supported me throughout.

I forward herewith a sketch of the camp and a very little of its surroundings

The Montreal Field Battery drilled for four days at Laprairie, and they have to complete their annual training during the winter.

The Montreal Garrison Artillery (6 Batteries) went into Barracks at Montreal, and there performed the annual sixteen days' drill.

The Montreal Engineers (2 Companies) encamped for sixteen days on St. Helen's Island. All these corps, as well as the Shefford Field Battery and the St. John's Garrison Battery, I mustered for pay; but for efficiency in Artillery, Regimental Drill and Exercises I have to refer you to the report of the Inspector of Antillery, for the Province of Quebec

During the year five troops of Cavstry have been tused and accepted in the much satisfaction in reporting that they went | District, and I have now two more offering their services.

districts at the present rate of pay, but to keep up the infantry battalions, it appears to me, to become year by year more diffi-

Before closing this report, I beg to record my thanks to Mr. Emery Simpson, and Mr. Peter McMartin for their liberality in plac ing at my disposal a very large portion of their farm, for the purpose of the camp; and to the inhabitants of St. Abdrew's for their most excellent supply of thring

To the Rev. Canon Lonsdale my thanks are also due, as, although much engaged. having three services to perform in his own Church in St. Androw's, he each Sunday of liciated for us in camp.

I have the honor to be sir, .

Your most obedient servant,

THOMAS BACON, Lt. Col.

- -- - - Av-D:-A.G., Militia.

M. D. No. 5.

HEAD QUARTERS, 2nd Brigado Division. MILITARY DISTRICT No. 5.

. Sr. Joun's, October 23, 1872.

Sin, -- I have the honor to inform you that the total nominal strength of the force in the Division under my command, were the respective corps complete to their establish ed strength as authorised, would be officers and men 2.611.

The total actual strength of the force, when mustered at the time of the annual drill for 1872 and 1873 was, officers and men 1,169. There are wanting to complete, offi-

cers and men, 1,442.
The annual drill was performed in accord ance with General Orders of the 31st May, and in the following manner:

The three troops of Cavalry and six Bat: talions of infantry in camp at Laprairie. under my command, and the two batteries of Artillery at St. Helen's island under the supervision of Lieut. Col. Strange, and officers of "B" Battery.

The camp at Laprairie was formed on the 21st June The infantry camp occupied the rising ground on the right of the barracus. and the cavalry were encamped between the barricks and the river, both camps were well laid out, and kept in excellent order The plan of picketing the horses adopted by Lieut.Col. Lovelace, commanding the Cavairy, was very secure and serviceable. Enclosed is a sketch of the camp.

DRILL AND DUTIES.

. :

The first six days in camp were taken up with squad, troop and company drill, and with battalion, light infantry and brigade drill. The troops of cavalry were all new, having been formed in April last, had never been drilled until their arrival in camp, but under the efficient instruction of Lieut.Col. Lovelace, such progress was made, that at inspection they marched past at a walk and gallop in a very creditable manner.

In the infantry there were seven 'compan-ies all formed within ten days of mustering for camp, viz. : one company 21st Battalion, one Company 52nd Battalion, and five in the 19th Battahon. None of them were armed, and one of them had not received clothing, but spare arms and clothing were Turnished Cavalry corps can be kept up in the rural by the other companies to all who were in

need. To get these recruits fit to take the place in the ranks gave the instructors enough to do, but officers and men worked with a will, and in a very short time recruits were able to fall in with arms at battalion drill.

On the 29th of June the Montreal Field Battery under the command of Lieut. Col. Stevenson, joined the camp for four days' drill. The horses were picketed and guns parked in the barrack square. There were no tents at the diposal of the officer commanding; the officers and men of the battery were quartered in the barracks. The Battery made good use of its short time in camp by constant drill, and were inspected by Lieut. Colonel Strangs on the 2nd July, on the evening of which day the battery left

The whole of the troops in camp paraded on the 1st July, (Dominion Day) and fired a turn of the target practice in camp. " Feu de joie" in honor of the day; the firing was very well done.

On the 4th July, His Excellency the Governor General Lord Dufferin, and Staff, with the Adjutant General of Militia, visited the

camp and inspected the troops. The cavalry and infantry were drawn up in line in front of the camp, and received His Excellency with a salute. He then proceeded down the ranks inspecting the men closely, after which the line was broken into column, and the corps marched past. Line of columns was then formed, one batt thrown out as akirmishera, and an advance was made; but as His Excellency's time was limited, only a few field movem-nts were gone through with. At the close of the parade His Excellency presented the prizes won at target practice, and addressed the officers and men in a heart stirring speech, which was most enthusiastically received as shown by the hearty cheers given for the Queen and Her Representative, Lord Dufferin. His Lordship with the Adju-tant General, then inspected the tents, and expressed himself pleased with the cleanliness and order of the camp. After parade His Excellency held a leven in the Barracks, when all the officers in camp were presented to him. The visit of His Excellency, and the Adjutant General gave great colat to the camp, and was highly appreciated by the of ficers and men. It proved an incentive to mereased effort towards efficiency.

TARGET PRACTICE:

This part of the drill was carried on efficiently and with despatch under the supervision of the Instructor of Musketry, Capt. Amyrauld, of the Shefford Field Battery, assisted by Lieut Hodge, 79th Battation. All the men were exercised and put through the course in five days. The great number of recruits who fired for the first time kept the average low. The following is the order in which the corps stand in the Figure of

•	Fig. of Merit.
50th Batt	14.54
50th Batt	13.17
51st do	12.50
52nd do	11.33
79th do	10.07
Huntingdon Troop of Cavalry.	7.19
Missisquoi Troop of Cavalry	T.10
216t Buft	7.10
Brome Troop of Cavairy	

The cavelry fired 10 rounds per man only.

The infantry 15 each

The troops of cavalry being over their two thirds strength entitled their best shots to prices. There were only three companies of infantry that came up to the required strength to take prizes.

The winners of prizes were:

				Jonits
Huntingdon	Loop,	Гьооре	r (i ites	. 20
Missisquoi	.,		Mandigo	. 20
Brome		**	Good	18
No. 2 Compa		tBut S	igt. Cottin	g 32
No. 5 Compa	ny, 520	d Bitt.	Corp Powe	rs 37
No. I Compa	ny, īīt	h Batt	Pte, Wrigi	it. 32

The best shot in the brighte was Serge int Smith of No. 4 Company 50th Battalion, who made 43 points, but received no prize becrase his company and battalion was below the strength. He may be fortunate enough to get the District prize. I would here beg to suggest that a brighde prize be added to the others as a further encouragement to riflo practice. Annexed is a tabular to-

CAMP AND CAMP EQUIPAGE.

The duties of Cunp Quartermaster were efficiently performed by Lieut, Col. M. L. Moore formerly of the 69th Regiment. Under his supervision the camp was kept in a clean and salubrious state. The duty of taking over the camp equipage devolves now upon the Camp Quarter master, and is alaborious one at any time, but when a number of corps are marching out of camp at the same hour (and that an early one) to take the train, as was the case with four battalions at Laprairie, it is impossible for that officer to count every article and ascertain to what corps the deficiencies are to be charged. The blankets are delivere lan bundles or valises, the tent pins in bags, and the numbers given by the Quartermasters of corps are taken for granted as correct. The deficiency cannot be found out till every article is counted over and examined. To ob viate the difficulty. I would recommend that a party of two from each corps remain behind to count every article given by their respective corp.

SUPPLIES.

The rations supplied were of the best quality, were abund int, and give good sitts faction. No complaints were heard A good and ample supply of water was furnished by water carts, and proper care was taken of the water butts, so that no complaints was made as in 1871, of the short supply of and impure state of the water. The fuel wood used was tamarack in preference to maple, and was a saving of \$2 per cond. many of the companies have adopted an improved boiler of cylinder shape, with a lid on the side, this when laid on two bars of iron placed across the trench, is heated with one half the fuel required with ordinary shaped boilers. The barley was appreciated as a valuable addition to the rations. So well pleased have the men been with the rations and their treatment at camp this year that the officers have repeatedly informed me that they expect to have larger musters next year.

Captain Brosseau, of the 21st Battalion, acted as Supply Officer, and performed the duties with zeal and efficiency: Mojor Me-Naughton, 51st Buttilion, Acting Brigulo Major, and Lieut. Baker, 69th Buttalion, Orderly were efficient, and rendered value able assistance to the communding officer.

To the whole of the staff, and to the commanding officers of corps. Licut. Colonels Lovelace, Sevenson, Marchand, and Mo Eachren, Rogers, Miller, Rowe, and Hall, my warmest thanks are due for the cordial support given me in carrying out the routine of 552 officers and men wanting to complete.

drill and duty, and the maintenance of or der and discipline in the camp; the efforts of the commanding officers were cheerfully seconded by the officers and non commissioned officers under their command.

The behaviour of the men was excellent there were only two cases during the whole encapment involving punishment.

The District Paymaster, Capt. Hon. M. Aylmer, mustered every officer, man and horse in camp. The duty of examining the acquittance rolls and paying the troops and companies was most efficiently and satisfactorily performed.

Officers' Mass.

An officers' mess was established in each battalion, and worked well. It is an absolute necessity wherever practicable, that of-ficers should mess together. To carry the system out properly, commanding officers should have the authority to assess the members of the mess, and compel payment for their share of mess expenses, whether present or absent at meals, as in the regular service.

MEDICAL AND SANITARY REQUIRED SA.

I have much pleasure in reporting, that the medical officers were efficient and dili-gent in the discharge of their duties. The sinitary regulations were properly carried out under their direction,

BATTERIES OF ARTHLERY.

The St. John Buttery of Gurrison Artillecy under Major Drum, went into camp on St. Ielen's Island, on the 10th July for 16 days dull. The battery was aspected by Liout. Colonel Strange, inspector of Artillery for the Province of Quebec. The officers and men were highly pleated with the camp and drill instruction received there. The corps mustered 3 officers and 32 non commissioned officers and gunners, and are a fine body of men.

The Shefford Field Battery under the command of Captain Amyrauld, was organized list spring. Neither small arms, guns or suddlery have been as yet issued to it. The battery went into camp on St. Helen's Island on the 26th September for sixteen days drill without horses. The drill was carried on under the supervision of the officers of "B' Butery. The corps mustered strong

-5 officers and 60 non commissioned officers and gunners. Phey are all able bodied and active young men. For it report of the drill and inspection of these batteries, I beg to refer you to Lieutenant Colonel Strange's report.

I have the honor to be Su,

Your most obadient servant,

J. Frerouge, Lieut. Col.

Brigado Major,

Commanding Cump at Lapraicie.

HEAD QUARTERS, 3rd Brigade Division,

MILITARY DISTRICT, No. 5.

SHERBROOKE, Oct. 1871.

oir. - I have the honor to inform you that the total strength of the force in the 3rd Brigade Division when mustered at the an nual drill for 1872 73, was 882. There are

The annual drill was performed in accordance with Goueral Orders of 31st May, 1872, and in the following manner:—

On the 21st June an advanced party from each corps marched to the camping ground, received their comp equipage, stated out the camp for their respective corps, draw and cooked their rations and guarded the camp equipage during the night. On the following morning rations were drawn by the advance party for their corps which were cooked and ready for them on their arrival on the ground. As the corps arrived, guards were posted, tents pitched, latrines and proper cooking trenches made, and by the ovening everything was in working order. There was some inconvenience caused by the short supply of tents, but this was overcome by erecting tents of bark, which proved to be mere comfortable than the canves, and taught the members of the force a good lesson, which may be of use in future, I may mention that sentry boxes were made by placing four poles of young trees about one foot in the ground, securing them at the top by cross pieces, the top and three side being covered in with spruce boughs. The 22nd being Sunday, Divine service was performed in camp for all denominations.

(To be Continued) .

CORRESPONDENCE.

1 c Eddor does not hold himself responsible for individual expressions of opinion in communications addressed to the VOLUNTEER REVIEW

MONTREAL.

(FROM OUR OWN CORRESPONDENT.)

The sergeants Mess of Prince of Wales Rifles held their third annual meeting last week at their rooms, 81 St. James Street. The following were elected office bearers for the ensuing year.

President.—Sergt.-Major Johnson.
Sec. Treas. Sergt. Wilson, (re-elected.)
Asst. do Sergt. Stuart.

Committee.—Q.M.S. Harman, P. M. C. Young, Sorgts. Hill, Jones, Murphy, and Corp'ls Malin and McIntosh.

The report that was read, shewing as it did a surplus on hand, was very satisfactory. Amongst other projects discussed, was to start a circulating library for use of members. The Reading Room is well supplied with papers and is generously thrown open to the public.

The Prince of Wales Rifle Association met at their mess room on Wednesday, and completed arrangements for their annual

rifle matches.

The annual prize meeting of the Rifle As sociation of the Province of Quebec will take place at Point St. Charles ranges, on Tucsday, 12th August. No doubt but there will be a large gathering. From the report of this association for last year it appears that its meetings are as well attended as ever, a matter that must be very satisfactory to those who manage affairs.

At last some decisive action is to be taken in regard to re roofing of Drill Shed, the matter is to come up at next meeting of City Council.

R.

RIFLE MATCHES.

A tille match was fired on the morning of the 7th inst. commencing at at six o'clock, between No. 1 Company of the Gevernor General's Foot Guards, and a squad made up from the remainder of the regiment, in which it will be seen that the former were the winners by 33 points. Appended is the

Score of Return Match, to, t Company

l ti	. G. r	. Li,		
No.	1. Co	mpany.		
	Myds	500yds	600y	ds Tot.
Pte. Garry	24	21	11	56
" Destauriers	23	16	12	51
L. Corp'l Boswell.	18	17	15	50
Pte. Thorp	19	15	13	47
Corp'l Sutherland	19	18	8	45
	103	S7	50	249
R	egime	n t		
Col.S Cairns, Co.6	25	22	17	64
Ct.Macpherson 2	22	19	13	54
Sgt. Cotton 5	21	11	16	48
Sgt. Waters 3	16	13	0	29
Ens. Bute 3	9	4	Š	2i
	-		_	
	93	69	54	216
Majority f	or No	. 1		33
Majority i				41
Total	Majo	rity		74
	5	,	•••	• •

SHERBROOKE RIFLE ASSOCIATION.

The Annual match of the atovo Association was held at the ranges. East Sherbrooke on Monday and Tuesday last. The weather alternated between hot and wet. At. 0.30 a. m. the competitors having formed up, E. T. Brooks, Esq., M. P. stepped to the front and opened the match by firing the first shot at 400 yards, making a good bull's eye. The following is a list of prizes with the names of the winners.

Match No. 1.—Open to 53rd Batt, and members of Sherbrooke Rifle Association residing within the electoral town of Sherbrook. ranges 400 and 600 yards, 5 shots at each range, any rifle of Government issue.

1st prize, Ladies Challengo Cup and \$10 Lieut. Loomis.	27
2nd prize, cash \$6, S. T. Westlake	
3rd Prize, Meerschaum Pipe, H.Winslow	21
4th prize, \$1 Lt. Grindrod	24
5th W. Whitely	23
6th " C. Rolf	22
7th "J. Cotter	
Lieut. Loomis having won this cup before	

Lieut. Looms having won this cup before takes it for good.

Match No. 2.—Open to all comers and all rifles; 200 and 406 yards, 5 s hots at each range.

1st n	rizo. S	15, Lt. Loomis	3
ı zau ı	nrize. I	NGVOIVOR, S. I., Weatinko.	-3
3rd p	rize. S	5, A.Stacy.	3
i 4th t	irize. S	2, Q.M. Thomas	3
5th	14	J. White, G.T.R.	30
6th	66	Lt. Morkill	30
5th 6th 7th	83	12 Stacy	
		• • • • • • • • • • • • • • • • • • • •	

Match No. 3,—Company Match, 200,400 and 600 yards; 5 shots at each range,

(This decides the future ownership of the handsome company cup, No. 6 having taken it last year without competition.

The individual scoring resulted as follows:

Lt.Loomis (53rd Batt,	\$S	-11
Capt. Rolf, C. Rolf	"	4	41
C. Rolf	**	4	
J. Fisetto	66	2	39
S. T. Westle	ake "	2	37

Match No. 4.—Open to members of 53rd Batt. and S.R.A; 300 and 500 yarda; 5 shots at each range.

Ist prize. Challenge Cup and \$10, J. Fissette. 32
2nd prize, Gun.Lt. Loomis, 53rd Batt. 31
3rd prize, pr of Gloves & \$3 Capt. Rolf. 30
4th prize, a choice list, R. P. Doyle, S.R.A 30
5th prize, Photo Album, B.Rolf. 29
6th prize, \$1, L. Heath. 28
7th " 1, E.Stacey. 27

Gonsolation Match.—Open to all who have competed for any of the foregoing prizes, and have not won a first or second prize; 200 and 400 yards; 3 shots at each range.

1st prize, Tweed Suit, II. Winslow 53rdBt 18
2nd prize, "Confederation" photo.C.Rolf. 18
3rd prize, 7 yards Flannel, E.Moe, 53rd
Batt. 17
4th prize, barrel crackers, W. Moulton. 17
5th prize, 3½ yards flannel, and \$1.25, Lt.
Morkill. 17
6th prize, \$I, A.D. Bostwick, S.R.A. 17
7th B. Rolf, 53rd Batt. 17
7th B. Rolf, 53rd Batt. 17
9th E. Stacy. 16
10th J. Loomis. 16

\$10 prize, given by Captain Armstrong, to the best shot in 53rd Battalion, 600 yds 6 shots.

Won by S.T. Westlako...... 15 points.
—Sherbrooke News.

The Bassiret, the official journal of Con stantinople has recently published a statement concerning the ordnance and respective armaments of Turkey. According to its report, within the next few months the Furkish government will possess 1,000,000 of the best breech loading rifles. The fortifications of the Hellispont and Bosphorus are both nearly completed. The fortifications now being constructed on the Island of Crete, as well as those at Sinope and Varna, on the Black Sea, will mount 100 pieces of artillery consisting of 300, 450, and 600 prs. Four hundred cannons are being distributed among the forts of Roumania and Anatolla, of callbre from 12 to 72 pounders-all rifled breech loaders. Turkey will soon have 1,005 pieces of artillery as effective as any known and the government is creeting a new m senal at Matruka.

DOMINION OF CANADA.



VILITIA GENERAL ORDERS.

HEAD QUARTERS.

Ottawa, 11th July, 1873.

GENERAL ORDERS (17).

ACTIVE MILITA.

Battery of Artillery on Service in Manitoba. To be Ceptain in Command.

1st Lioutenant J. Ernest M. Taschereau.

Provisional Battalion of Infantry on Service in Maniloba.

To be Lieutenant:

Ensign John Allan, vice Reed, appointed | To be Veterinary Surgeon : Adjutant.

To be Ensign:

William George Gow, Gentleman, vice Allan promoted.

PROVINCE OF ONTARIO.

Otlawa Brigade of Garrison Artillery. Captain William Henry Cotton, G.S. from No. 2 Battery of the Ottawa Brigade of Garrison Artillery, at present doing duty with "A" Bittery School of Gunnery, Kingston, ishereby transferred from the Oltawa Brigade of Garrison Artillery and promoted to the rank of Major. His commission to date from period of qualification.

To be Major:

Captain James Egleson, G. S. from No. 1 Company, vice T. Ross, transferred to 1st Battalion Governor General's Foot Guards.

14th Battalion or " The Princess of Wales' Own Rifles."

To be Captain:

Lieutenant Joseph William Power, M. S. vice William Skinner, whose resignation is hereby accepted.

25th " Elyin" Battalion of Infantry. No. 4 Company, Wallacetown.

To be Captain:

Lieutenant Edward Osborne, M. S., vice Alexander McBeth, whose resignation is hereby accepted.

In be Lieutenant, provisionally:

John Wesley Luton, Gentleman, vice Osborne, promoted.

To be Ensign, provisionally:

Sergeant Andrew Storey Backus, vice T.A Parish, left limits.

57th " Feterborough " Battalion of Infantry. No. 1 Company, Peterborough.

To be Ensign, provisionally:

Sergeant Thomas Evans Bradburn, vice Dixon promoted.

PROVINCE OF QUEBEC.

Montreal Brigade of Garrison Artillery. To be Captain, specially and provisionally: Ist Lieutenant William Robert Oswald, G. S. 2nd class, vice Wickstood, transfer red to 1st Battalion, Governor General's Foot Guards.

65th Battalion or " Mount Royal Rifles" No. 3 Company, Montreal.

To be Lieutenant:

Napoleon Hudon, Beaulieu. Gentleman, M. S., vice J.A. Ouimet, promoted.

PROVINCE OF NEW BRUNSWICK.

8th Regiment of Cavalry,

M. P. Greene, Gentleman.

PROVINCE OF NOVA SCOTIA.

66th " Halifax" Battalion of Infantry. To be Captains:

Lieutenant William Marshall Humphrey, V. B., vice Alfred Browne left limits.

Lieutenant Frederick Mitchell, V. B. vice Charles U. Hepworth, whose resignation is hereby accepted.

To be Ensigns:

Arthur Edward Curran, Gentleman (provisionally) vice Graham, promoted. Henry St. George Twining, Gentleman,

M. S., vice Waugh, promoted.

William S. Salter, Gentleman, Q.F.O. William F. Rogers, .. entleman (provision-

Arthur Francklyn Salter, Gentleman, (provisionally)

By Command of His Excellency the Governor General.

P. ROBERTSON-ROSS, Colonel. Commanding the Militia of the Dominion, and Adjutant General.

MACMAHON.

The new President of the French Repub lic is in his sixty fifth year--younger than Thiers by some eleven years. He is descend-ed from an Irish family, which is said to have lost all its possessions in Ireland in the cause of the Stuarts. His father was a peer of France, and a personal friend of King Char-les. Marie Edine Patrick Maurice MacMahon began his military career by entering, in 1825, the School of St. Cyr as a Cadet, after which he took part in the Algerian wars. He next took part in the expedition to Ant werp, as aid docump to General Achard; then returning to Africa he distinguished himself at the capture of Constantine,

Steadily rising in rank, in 1848 the province: of Constantine and Oran wore placed under his command. In 1855 he succeeded Can-robort in the Crimes, where as commander of a division he took a distinguished part in the siege of Sevastopol, and particularly in the storming of the Malakoff, having succeeded in maintaining his position there. For his brilliant success on this occasion, he received the Grand Cross of the Legion of Honor. Ho also took a prominent part in the Italian campaign, being at its close made Marshal of France and Due Magenta. In recent years he was despatched to Algiers, to quell a formidable insurrection of the Arabs there. The part he played in the Franco German war—so disastrous to France—is well known, and the universal sympathy excited all over France and beyond it, when wounded at Sedan, showed the estimation in which he was hold. He now enters a new field while approaching his three score years and ten, and a field, too, which demands a new species of general-ship, and which may yield him more honor. than all those on which he has hitherto dis. tinguished himself.

The Bayarian uniform question has made much bad blood in Germany, and at the same time shown that the fraternal feeling which during the war with Franco ran so high in the southern States, has again given way to the old feeling of indifference towards Prussia; and Bavaria, for one, is, from all appearances, determined to interfere as far as she can with Prussia's purpose of uniting all Germany under a single government. The tendency of modern political movements will prove too strong for her, however; for it tennins, in our opinion, only a question of tune as to when Germany will be freed from this dead weight of small kingdoms and take a step nearer liberty. The iron rule of a greedy Prussia liberty. is only one phase in the development of German unity, as the similar tyranny of our Southern oligarchy was a necessary phase of progress toward nationality.

In reply to a request addressed to the artillery officers by the French Minister of war for their suggestions in regard to the model for a gun adapted to the demands of the present day, the French War Department has received some interesting papers on various guns of breech and muzzle loading patterns, as well as on improved modes of treating the raw material. One of these, de-serving the attention of all artillerymen, as by du Pau, chef d'escadron d'artillerie de la marine, who presents a model for a steel gun weighing 450 killogrammes (1,000 lbs) and mounted, 1,000 hilogrammes (2,222lbs) with an equipment of six horses. The gun is to have screw lock similar to that adopted in the Reffye system. The length of the bore is 284 calibre, and that of the cylindrical parts 24 calibre, which is considerably great. er than heretofore made. Several experiments will be made during the year with this gun.

REMITTANCES Received on Subscription to THE VOLUNTEER REVIEW up to Saturday the 12th inst.

DELHI, O.-Capt. A. Crysler (to May, 1871) . 52.0 GLANFORD, O. -Capt. A. Bethane (to Feb. 21) 2.0 HABERVILLE, O. -Lt A. A. Almas (to Jane 31) 2.0 LONDON, O. -Lt. Gol. J. B. Taylor (to Jan. 74) 6.00

[Per Col. Lovoloce-late Agent.] London, O.-Capl & Qr.-Mr. A. G. Smyth... 2.00 QUEBEC,Q .- Capt. (Major, Mont.) Harder, G.T.B. 2.61 Colonel Stevenson 200 Captain Morgan..... 2wMajor W. W. Scott 2,00

CONTENTS OF No. 27, VOL. VII.

'orary		
Waiting for a Letter.		122
EDITORIAL		
The Broad Arrow on the Militia Torpedoes	General	318 319 319 320 320
SELECTIONS,-		
Annual Report of the State of the 1872 AGeneral Lee at Appomation Her Majesty's Boundary Community Transport and Supply of A in the Prussian Acmy		314 316 317
RIFLE COMPETITION.— Province of Quebec RifleAssoci Frontier Rifle Association		
MILITIA GENERAL ORDERS . REMITTANCES		



The Volunteer Reviele,

ANI

MILITARY AND NAVAL GAZETTE.

"Unbribed, unbought, our swords we draw, To guard the Monarch, fence the Law."

OTTAWA, TUESDAY, JULY 15, 1873.

To CORRESPONDENTS.—Letters addressed to either the Editor or Publisher, as well as Communications intended for publication, must, invariably, be pre-paid. Correspondents will also bear in mind that one end of the envelope should be left open, and in the corner the words "Printer's copy" written; and a two or five cent stamp (according to the weight of the communication) placed thereon will pay the postage

We give our readers the following article from the Frontier News entitled the "Yolunteers and Montrealers' for the purpose of shewing how thoroughly the spirit of opposition to the development of the military power of Canada, is manifested by the commercial classes, while it is abundantly evident, that their interests is the first to suffer directly from the effects of political disturbances, which the country would be unprepared to encounter, and also to demonstrate that this feeling is well understood, and appreciated by the agricultural classes who have, in reality, the greatest aggregate interest in the defence of Canada, and its thorough preparedness for any contingency that might arise.

We did not hesitate to fix the quarter whence the mischessons and absurd ery for

economy which has crippled military training for one year at least, came. And we do not hesitate to say now that it was and is a monstrous error to suppose that yielding to such a cry would be a popular act or even be well received by the people of the country who understand distinctly that they have no safety except in constant vigilance and stern proparation.

It is evident that the time has arrived to make all the great commercial centres undertake their own defence, by embodying every man capable of serving, making the duty compulsory, and local drill at stated periods imperative. The traders cry for economy, can be gratified by allowing no pay and compelling the municipality to clothe and arm their own soldiers; thus every city would have its own garrison, while the active army for field operations could be drawn from the rural districts by voluntary service as at present, for which they should be paid the full value of their time.

An arrangement of this description would accomplish the great work of making the commercial class bear the full share of military duty, take their proper place in defence of their own interests, have a force always at hand in aid of the civic police, and would insure that order, in Montreal and other cities which their municipal government at present fail to maintain; there would al ways be efficient garrisons to prevent such centres being surprised, and as the strategy of invasion, as far as Canada is concerned, must be met by an army in the field, it would at once relieve the country of the cost of maintaining expensive garrisons in time of war. Those are considerations for the political economist, and our contemporary is right in stating that the volunteer force is not yet killed, although we believe we need not thank the Montrealers that such is not the case.

"Up to within a few months past it was a favourite cry of Montrealers—oren of many who professed to be devoted Ministerialists—that the unpopular course and indifference of the then Minister of Militia, (the late Sir George Cartier) had killed the volunteer movement. We never put much faith in these stories, as we always surmised that a certain class of the community, whose patriotism scarcely extended beyond their own shop-fronts, were striving to shove upon others a responsibility which rightfully belonged to themselves, but any double we may have entertained have been set at rest during the the list week. The reports of the volunteer gatherings at liavelock, St. Armand and Knowlton, conclusively show that the volunteer movement is not dead, in this military district at least. The men who never had any special favore shown them by the forement, and are now poorly, supplied with clothing, are as ready as ever to turn, out when called upon, whether it be for a juiplier a rifle match or for more serious business. The simple truth is if the volunteer movement be dead in Montreal its demise must be attributed to the hostility of one part of the people and the indifference of the other,

and not to the action nor want of action on the part of the late Minister. We are not prepared to say that the maintenance of the militia upon its former footing is either no cessary or expedicit; and whether or not Montreal ought to famish any volunteers at all in times of peace we shall not stop to en quire—our simple desire is to point out that the onus for this altered state of things has not been fairly represented."

The first great principle of the Art of War is strategy, and it involves the following conditions:—

1st. The selection of the theatre of operation and the different contingencies consequent thereon.

2nd. The determination of the decisive points.

3rd. The Selection of a fixed base of operations.

4th. The seldétion of the objective point for offence or defence.

5th. The strategetic points, lines of defence and fronts of operation.

6th. The choice of lines of operation.

7th. For given operations the best strategetic lines with details of provisions for contingencies.

9th. The marches of armies considered as manœuvres.

10th. The distribution of depots.

11th. Fortresses regarded as strategical means, as defences and as obstacles.

12th. Points for entrenched camps and works, covering passage of rivers, defiles, &c.

13th. The divisions to be made and the large detachments necessary.

It is also divided into offensive and and defensive, or more correctly the srate.

gy of invasion, and that of defence, as applied in modern warfare it comprehends all operations by land or sea, undertaken for offensive or defensive purposes, and is by far the most important study to which the statesman or soldier can direct his attention, because on a thorough appreciation of all its bearings and the provisions necessary to meet all its contingencies depends the safe ty as well as the existence of States.

There can be very little doubt that the neglect of this science by the disciples of the Utilitarian School has led to grave dis asters, not only in a Military point of view but politically and commercially; to it is to be traced the periodical recurrence of those panics, which have in a marked manner dis tinguished the social and commercial policy of Great Britain during the present century, has led to incalculable waste of national resources, and the misapplication of its great mechanical and man power, in attempts to provide for contingencies which could by no possibility occur, and when to this is added the contempt into which her foreign politi cal relations have been brought by the igno rance which forced her statesmen to grope in the dark for nevedies against imaginary evils, it can ath great force be asserted that

----disregard of the plain precepts of political life and of the rules that binds society togother has been paid for at an awful

If the principles of the strategy of invasion were thoroughly understood, ample provision could be made to meet all the possible contingencies leading to the attempt-to frustrate it, if undertaken, and eventually defeat it-(without unnecessarily burthening the time or resources of the people or indulging in costly as well as doubtful experiments), and thereby imparting a feeling of security which would more than realise the dreams of the political economist.

Allowing that the era of aggressive warfare was passed(although that is by no means certain) still a knowledge of the strategy of inrasion is as much a necessity as when Naron EON LE GRAND endeavoured to create a great Western Empire, because it is the science on which a national police must be estab lished to be effective, and this knowledge comprises what is known as the "Funda mental principle of war," which is itself com prised in the following axioms.

1st, To throw by strategical movements the mass of an army successively upon the decisive points of a theatre of war, and also upon the communications of the enemy as much as possible without compromising one's own.

2nd. To manœuvre to engage fractions of the hostile army with the bulk of one's own forces.

3rd. On the battle field to throw the mass of the forces upon the decisive point or upon that position of the hostile line which it is of the first importance to overthrow.

4th. To arrange that those masses shall not only be thrown upon the decisive points, but that they shall engage at the proper time and with energy.

Those self evident truths have been doduced from the practice of the ert of war by Jomini and are as applicable today as they were in its earliest recorded operations, while they prescribe the conditions following for the assailant.

1st. Control of a portion of the coast if the operations are to be carried on between States separated by the sea or navigable waters, in any case free access thereto.

2nd. A naval force equal or superior to that of the assailed.

With those requisites a convenient base of operations would be established at some favorable port on the coast, from which operations could be carried on against the objective point which would generally be the capital or that position on which the main line of defence was based, in reaching which the manouvres of the invaders would be directed towards the cutting off all communi cations both seaward and from the interior and compelling the evacuation of all forti-

well as wasting and destroying the resources of the country.

There are two instances of this division of "the strategy of invasion" in modern times, that of the campaigns of Earl Conswall is in Georgia, the Carolinas and Virginia in 1779 80 81 eventually culminating in the surrender at Yorktown, and that of General Sherman of the United States Army in 1864 5, over the same ground which compelled the evacuation of Richmond and the surrender of General LEE.

With respect to those two great historical events it must be said that if General GRANT was as great a dolt as Sir Henny Clinton SHERMAN, would have met the fate of CORN WALLIS and very nearly in the same vicinity.

The careful student of history will be surprised at the close parallels both those expeditions so clearly furnish, as well as their lucid illustrations of "the gy of invasion,", and on what trivial events the results of each depended, and as both sustain the principle we have laid down it is our intention to compare them generally in future papers.

As noticed in the Volunteer Review of 24th June, the United States Wimbledon came off on Saturday, the 21 tult., at the Creedmore Range on Long Island with the results as shewn by the following from the New York World of 22nd June, We have already given our readers a full account of the range and all its appliances and therefore omit the very useful and elaborate plan published in the following article:-

The National Rifle Association opened their range at Creedmore yesterlay. their range at Creedmore yesterlay. The weather was excellent, the shower of the previous night having cooled the air, making the strong westerly breeze that prevailed all day doubly welcome. The officers and directors of tue Association reached Creedmore on the ten o'clock train, accompanied by squads from the Ninth and Twentysecond regiments who were detailed for guard duty on the range. Generals Shaler, Hancock, Siegel, Ward, and the staff officers, with the Eleventh Regiment band, and about 100 contestants and visitors, were aboard of the same train. Upon its arrival, Artillery Company K, of the First Division, New York, which was stationed just south of headquarters, fired a salute of twelve guns, and proceeding up the entrance avenue to the music of the band the party entered the Twenty-nine tents were pitched at range. the upper end of the grounds, which were used by several teams participating in the matches. A large tent was located near the 500 yard firing point, which served for the headquarters, where persons became mem-bers, entered the different matches, and received their ammunition. General Shaler, who had general supervision of the range, and the military officials present, took their stand underneath a huge oak tree, where seats were provided, and close by the band dispensed music from time to time, Range Committee, wearing the red badges, were everywhere attending to the minute details of conducting the match. . Many of the contestants were totally ignorant of what was required of them. This lack of what was required of them. fied places on the coast without fighting, as foreknowledge on the part of teams from was fired at the target of 200 yards, and every

the National Guards delayed the exercises fully two hours. Register keepers, markers and those in charge of details had to be instructed over and over again, although adoquate explanations had been printed in the programmes, which were dispensed at head. quarters. Mr. Church, President of the Associaion, and General Woodward, arrived by the half-past ten train, and were greeted by a salute. The trains, running from Hunter's Point every half hour during the morning, brought about 1,500 persons to the ground. Until about noon the time was occupied by an inspection of the range universal expressions of approbation prevailing.

At noon a gun announced the commerce ment of the first match, open only to: .mbers of the National Association.

Distance, 200 yards; position, standing; weapon, any military riflo; rounds, five, with privilege of two sighting shots; entrance fee, \$1. Prizes -First prize, gold badge and \$20; second prize, \$15; third prize, \$10; fourth prize, \$5.

In this match there were forty-eight contestants, epresenting the Seventh, Ninth, Twenty-second, Twenty-third, and Seventyninth regiments of New York, and the First, Second and Fourth regiments from New Jersey. Turgets number 1 to 10 were used. Bull's eyes were signalled by a white disk, and counted 4; centre, red disk counted 3; outers, black disk, counted 2.

This match resulted as foltows:

Prize. Won by		Sc	ore.	
1stJ. C. Bush	3	-1	2	3-16
2nd C. L. Finke 3	2	3	3	3-14
3rd. E. H. Madison	2	3	3	3 - 14
4th., Lieut, Anderson, 3	3	2	3	3-14

RIFLES USED BY WINNERS.

Bush-Remington, Spanish model. Finke-Remington, New York State mo-

Madison-Remington, New York State model.

Anderson - Remington, New York State

On the first match Finke and Madison made a tie, which Finke afterwards won by a score of 3.

The second match was shot at Targets 11 to 20, open only to members of the Association.

Distance, 200 yards; position, standing; weapon, any rifle weighing less than ten pounds, excluding hair triggers and telescopic sights; entrance fee, \$1. Prizes—First prize, gold badge and \$20; second prize, \$15; third prize, \$10: fourth prize, \$5.

Prize	Won by.		Sc	oro.	,
lst.	John Hiller	3	4	3	3-15
2nd	.J. C. Bush 4	3	3	2	3-15
3rd	Lieut, Anderson 2	4	2	4	3-15
4th	.W. L. Smoot 2	3	3	3	3-14

RIFLES USED BY WINNERS.

Hiller-Remington, New York State mo-

. Bush—Remington Spanish model.

Abderson-Remington, New York State model.

Smoot-Romington-New York state model.

At this point a trial of the renowned Gatlin gun took place. The gun was invented by J R. Gatlin, and resembles the French mitrailleuse. The one exhibited yesterday was ten-barrelled, 0.42 inch calibre, capacity 600 rounds per minute, and cost \$1,000. It

shot, 400 of which were delivered, struck inside of the outer ring. Those engines of war are manufactured at Hartford, Conn. The Russian Government have purchased 700 of them, and 100 have been ordered to Washington.

In the third match there were 137 centestents, divided into teams of twelve men In the absence of some of the men, the shooting went on with a reduced numher of contestants.

The conditions were as follows:

National Guard competition at all targets; open to teams of twelre from each regiment? all competitors to appear in uniform; distance, 200 yards standing, and 500 yards any Weapon-The particular regimental rifle. Rounds-Five, with two sighting shots. No one failing to score eight points at 200 yards will be eligible to compete at 500. No entrance fee.

PRIZES.

First prize—Gold badge of the Associa-	\$50
Second prize—Agold-mountedWinchester rifle, presented by the manufac-	400
turer, yaluod at	
Third prize.	25 20
Fifth prize	15 10
Seventh to twelfth prizes of \$5 each To the team making the highest	30
average	50

The following were the scores made by t' different teams representing the various regiments participating:

_	•	-	_			
Regime	i Ne,of Men. 200 yards.		Score.	Control of A No.of Men.	Score.	.150 .56are.
23rd	12		104	7	55	1159
54 N J	12		104 80	5	18	•08
2d N. J. 22d N. Y	1.7		136	10	107	* 163
M N.J.B	ott 19		136 49 73 86	1.5	18 127 4 14	*98 *263 53
13th N.	7" ()		73	- 7	14	•27
32d N. Y	7 10		86	3	-57	*1:1
9th N. J	1.7		65	3	25 9 20 18	*87 *111 74 *87 76 33 *85 *85 90 66 46 37
10th N	V 0		65 67 19 28 70 74	4 5 2 8	วก	•97
19th N. 14th N. 11th N.	<u> </u>		10	.,	10	91
1101.			90	70	5	10
11th N. 79th N.	1		-0	3	15	415
tuen N.	1,12		10	3	15	185
71st N.Y	10		14	4	14	*88
9th N. Y 28th N. Y	12		30 64 39	. 1	0	30
28th N. Y	12		64	2	2	66
55th N.	Y., . 7		39	1	7	46
6th N.Y	12		30	Ì	7	37
4th N. J	6		16	1	14 0 2 7 7 4	20
96th N.Y	r 6		19	1	0	19
S4th N.Y			64	4	21	185
Enginee				-		•
S.A Gov'rsIs	11		103	8	38	141
U.S.A	10		52	2	12	64

· These are the ten highest scores.

First prize, Private Lockwood, Twenty-second Regiment, New York.

Second prize, Sergeant Major Alexander Roux, Twenty-second Regiment, New York. Third prize, Lieutenant J. S. Horsfall,

Twenty second Regiment, New York.
Fourth prize, Cartain W. J. Harding,
Twenty second Regiment, New York.

Fifth prize. Private Brill, Twenty-second Regiment, New York.

Sixth prize, Captain Head, Eighty-fourth Regiment, New York.

Seventh prize, Private S. J. Kellogg, Twenty-third Regiment, New York. Eighth prize, Sergeant Brittenhousen,

Thirty-second Regiment, New York.

Nintu prize, Sergeant Freeman, Iwenty. second Regiment, New York.

Tenth prize, Private J. H. Steins, Twenty third Regiment, New York.

Eleventh prize, Private Otto Schneclock, Thirty-second Regiment, New York.

Twelfth prize, Sorgeant Wagner, Twenty second Regiment New York.

Toam prize, Twenty-second Regiment New York.

The fourth match was the Ward breechloading competition for rapidity and accura cy. Open to all comers; targets number 6 to 10 target size of a man, on a slab 6 by 2 feet. Distance, 100 yards; position, standing; weapon, any military breech-loader; loading from cartridge box; time, one minute from word "lire," the competitor making the greatest number of hits to be the winner. Entrance fee, \$5.

Prizes - Frst prize, presented by General Ward,\$150; second prize, presented by Association, \$25.

The first prize was won by Major G. A. Strube, of the Twenty second, who scored 17 points, and the second by W.S. Smoot, who made 13 points.

RIPLES USED BY WINNERS.

Strube-Ward Burton rifle, Smoot-Romington rifle.

PresidentChurch presented Captain Harding, of the Twenty-second Regiment the \$50 team prize but Captain Harding desired the Association to present his regiment with a trophy instead of the money, which was as sented to. It was nearly half-past seven o'clock when the party left the range. Telegrams were received from President Grant, Governor Dix, and General Sherman, ex pressing their regrets at not being present. The former was obliged to attend a Cabinet meeting. Governor Dix was too unwell.

The results of this inauguration of the National Rifle Association matches are highly creditable to all concerned. We have before us a match recently held at Havelock, in the County of Huntingdon, and the score made by 12 men of the 50th and 61st Battalions at 200 yards numbers only IS4 points, while the 12 in New York registers 136 points, on the first occasion of meeting for a contest.

Our people made four points per man more, but it was to be expected from men who had the opportunity of engaging in those contests. While agreeing with some of our contemporaries that it will be some time before the people of the United States are able to compete in rifle shooting with either British or Canadian soldiers, we hold their first essay to be very creditable indeed, and, as far as we know, successful, as regards the arrangements of the Executive Council of the Association.

Their difficulties are all in details, and a little care as well as patience will set all those right. If local competitions was more frequent amongst the various corps of the National Guard, most of these practical diffi culties would vanish at once, and register keepers, markers, and other officials, cap able of discharging range duty, would be found in every battalion,

The military Journals of the United

terest indeed, in this great effort to make expert marksmen of the militia of the country, but that should not dishearten the exer tions oft he proprietors and founders of the National Rifle Association, they have begun well and we hope they will persovere.

A novel feature of the first meeting was the introduction of the mitrailleure known as the Gatling Gun. Except as an adver tisoment, the object in testing it is not apparent. At 200 yards its fire would be deadly, but it could not be worked by human hands in the face of any force having competent marksmen amongst them at that distance. We wish our neighbors all success in the attempt to form a force of good marksmen, and they have taken the right method therefor.

THE following is commended to the attention c. Broad Arrow to be 'dealt with heroically' by the Great Army and Navy Reform. ers of Great Britain.

The cost of economy and efficiency in this case forcibly reminds us of the story of the North British economist who tried to feed his horse on a diminishing scale, but when he succeeded in reducing him to a straw per diem, "the contrary brute took it into his head to die,"the fate of the British Navy is nearly similar.

The state of the navy ot the present time is such, says the London Army and Nacy Journal, as to cause the deepest alarm to all those who either in or out of the service, take an interest in its welfare; for though the outside of the platter may appear clean enough, though we can show a magnificent ironelad fleet, and our flying squadrons traverse the world from one end to the other, but few will deny that the present overcrowded state of the lists precludes all no-tion of an efficient and contented navy. What right have we to expect efficient captains commanders, and lieutenants, when they are kept on half pay for five, three, one and two years respectively? The country must think ill of a captain's service which only allows him £200 a year when forced in to an inactivity he does not desire. ched man! if he has a wife and any family. Of course a lieutenant is not supposed to have such luxuries, so it is considered he is quite able to live comfortably on £90 per annum, carrying to his humble home or turning to good account those Spartan qualifications engendered by a scafaring life. Simple justice requires that both full and and ha lipay should be raised. In the American navy a far better system is carried out by placing the services under three heads, viz., "at sea, on shore duty, and on leave, or waiting orders." The latter carries with it the lowest scale of pay. Under the first head a lieutenant in the United States Nayy receives \$2,400 or roughly, £480 per annum under the second head £400, and under the third £320. Thus it will be seen their lowest scale is a great deal more than the corresponding rank receives on full pay in the English navy.

The visit of the Shan of Persia to Europe, seems destined to mark an important era in the history of that ancient Empire, as well as States appear to have taken very little in in the political relations of Russia, Germany and England. Whatever may be 11.5 present condition of the policy jointly and severally of the Governments of those countries, it is beyond a doubt that grave complications will result from a transaction that was first brought to light on the day of the arrival of the Persian monarch in London. It had been generally known that concessions of great value had been made by that Government to the German Baron de Reuter, the great telegraph monoplist of continental Europe, but their extent was not known till the London Times, in a leading-article of its issue on 18th June, thus detailed them.

" It was understood in a general way that the Shah had conceded considerable privi leges to this gentleman, but no one could have surmised their real extent and comprehensiveness. Briefly it may be said that the whole material resources of Persia are placed in Baron do Reuter's hands for a term of seventy years. The Kingdom is leased to him, to do the best he can with it, and on very liberal terms. He is to begin by con-structing a railway between the Caspian and the PersianGulf, but this is a mere earnest of what is to follow. He is also to be allowed to construct any other railways or tramways he may think fit, and to be protected from all competition for a period of twenty years. For the purpose of constructing these lines any Government land that may be wanted will be handed over to him free of expense, while that belonging to private persons will be appropriated at current prices. He is to have the free use of stone, gravel, or other material in the State domains, and the Government is to see that the persons engaged on the works are supplied with provisions and other necessaries at the ordinary rates. Whatever he may import or export, or cir culate within the country-all his material. products and manufactures - are to be ex empt from any duty or impost whatever. In return for this privilege, the Government only reserves to itself 20 per cent. of the profits, together, of course, with the right of entering into possession at the end of the seventy years' leave. All mines on Govern ment land may at once be appropriated and worked by the baron on the sole condition of his paying the Government 15 per cent. of the profits; and he is also authorized to appropriate any mine on private land, unless it has been worked five years previously; and the land required for all these works, if belonging to the State, is handed over to him gratuitously, forests —a term which includes all land not cultivated at the date of the concessionare similarly leased to him for seventy years, at a charge of 15 per cent.; and if he clears a wood, he has the preference in the purchase of the land reclaimed. All canals. wells, and other works connected with the watercourses of the country are rendred his exclusive privilege at the same charge of 15 per cent. When wo add that the baron is also to enjoy a right of preference in all enterprises connected with the providing "gas, roads, telegraphs, mills, manufactures, forges, pavements, &c.," including improve ments in the capital and the post offices, it would seem that he has an absolute monopoly of all business enterprises in Persia. But even this is not all. The existing customs revenue is farmed out to him for a period of twenty-five years. He is to pay the Shah £20,000 a-year more than heat present receives, and is to have the whole management of the customs. But even

Baron do Reuter, it may be said, will find it no easy task to raise the money needed for all these comprehensive operations. That difficulty has been provided for by the Shah undertaking to pay 5 per cent. interest and 2 per cent. towards a sinking fund on all capital "raised or to be raised" by the baron or his representatives. He will be able to offer capitalists a share in an absolute monopoly of the material development of one of the greatest of Eastern kingdoms, with a guarantee on the part of the Government against a lower return than 5 per cent."

The Times of course merely looks at the whole affair in a commercial light, and is followed by the Pall Mall Gazette, and other papers who followsuite, merely speculating on the probability or improbability of the contract ever bearing any market value; at the same time it is clear that the projected Railway "from the Caspian to the Persian Gulf'-would change the ownership of the Empire of India.

Whether the will of Peter the Great is a forgery of later days or merciy the prophetic lucubrations of an inspired lunatic, it is certain that since the days of CATHERINE the Second of Russia, it has been the guiding chart of the foreign diplomacy of that Empire.

The 9th clause of this famous document reads as follows:—"It is expedient to draw as near as posssible to Constantinople and to the East Indies. Whoever rules in these two countries is the true sovereign of the world. Wars are in consequence, constantly to be waged, against Turkey and Persia; great colonies are to be established along the Euxine, in order to get in time the whole Black Sea into the Russian power."

Her action in the East and on Persian soil shews a suspicious coincidence with that of Prussia.

And singularly enough on that same eventful day, the following despatches announced another stranger diplomatic fact, as follows:

"Berlin, June 17.—According to the new commercial Treaty with Persia, Germany engages, at the request of Fersia, to tender her good offices towards the setttlement of any difficulties arising between Persia and other states.

"Berlin, June 18.—In to day's sitting of the Federal Council on the Report of the Committee, the Treaty of Amity, Commerce, and Navigation with Persia was sanctioned."

By this treaty it will be seen that Prussia is virtually recognized as the European protector of Persia and Parisian interests, and the carrying out of the provisions of Baron DE REUTER's concession is likely to give constant opportunities to the Cabinet at Ber'in to interfere.

We now know what the peaceable meeting of the Kaiser and Cran meant, that meeting which was to secure the peace of the world, as now seen, aims at Universal Empire in the East, with the power of creating endless contests in the West.

English capitalists and the monied inter-

c ts are in the eventh howen of security, and quietly enjoying the fool's paradisc of speculation on the advance of the universal brotherhood of commerce; it remains to be seen whether with Russia paramount in Asia that state of affairs will be permanent.

The following from the Pall Mall Gazette is the species of reasoning that the wise acres of the Manchester School indulge in.

"As the result when the railways actually are made, the matter must of corrse have been duly weighed and considered, but we shall be curious to see what sort of traffic there will be between the Caspian and the Persian (fulf, There is only one city in all Persia (Tabriz) which is said to have more than 100,000 inhabitants, and that lies quite out of the road between the two seas. To heran and Ispahan would probably be on the line, but neither of them has a population of 100,000 or any considerable trade. The country through which the line would have to pass is partly mountain and partly sandy desert."

We wonder it did not strike our contemporary that the proposed line, in all the repects indicated, resembles the strategic or military lines laid down with a ruler by the Czar Nicholas,

It is almost a pity to disturb the self satisfied conclusions of such thoroughly well informed people, but if the writer of the aboye would direct his powerful intelligence to a study of what is transpiring on this continent, he would not be at all satisfied that his conclusions respecting the results of the proposed railway, are entirely correct. A fundamental article of belief here is that railways create traffic, and if they do not pay directly, they do so indirectly by filling deserts with industrious populations, and developing the resources of the country. They are built in the United States by grants of Publie lands, and Public Monies in quite as unpromising positions, and the Shah has merely done what is usual with the Government of the United States.

We think it would pay the English Press better to be a little more patriotic and not quite so commercial, as the present is not the first instance (to use a slang phrase of our neighbors) they have been cuchred by those dear German and Russian friends.

It is evident that the Shah or his ministers have taken a step in the right direction as far as the development of the interests of Persia is concerned. Russia knows what she is about, and the German has a clear idea of his own interest, Manchester is satisfied, and no one seems likely to find fault, but somebody will pay for all.

The sum required to complete the payment of the first 250,000,000 francs of the fifth milliard of the war indemnity has been despatched from Paris to Berlin. Marshal MacMahon has received a congratulatory letter from King Victor Emmanuel, in which the King of Italy recalls his glorious cooperation in the campaign of 1859.

THE DYING STREET ARAB.

I knows what you mean, I'm a-dyin'— Well, I aint no worse nor the rest; Taint them as does nothin' but prayin', I recon's as is the best.

I aint had no father nor mother,
A-tellin' me wrong from the right,
The streets uint the place—is it parson "
For saying your prayers of a night'

I nover knowed who was my father, And mother she died long ago; The folks here they brought me up somehows It aint much they we teached me I know,

Yet I thinks they'll be sorry and miss me. When took right away from this here. For sometimes I catches them slyly A-wipin' away of a tear.

And they says as they hopes I'll get better, I can't be no worse when I'm dead! I aint had so folly a time on't— A-dyin' by inches for bread,

I've stood in them streets precious often, When the wet's been a-pourlu' down, And I sint had so much as a mouthful, Nor never so much as a brown,

I've looked in them shops with the winders Chokeful of what's tidy to eat, And I've heard gents a lardinand talkin', While I drops like a dorg at their feet

But it's kind of you, sir, to sit by me, I aim now aftered of your face, and I hopes, if it's true what you tell me. We'll meet in that tother place.

I hopes as you'll come when it's over, And talk to them here in the court; They'll mind what you says, you're a parson. There won't be no larkin' for sport.

You'll tell them as how I died happy, And hoping to see them again; That I'm gone to that land where the weary Isfreed from their trouble and pain.

Now, open that book as you give me—

1 feel as it never tells lies—

And read me them words—you know Guy'nor—

As is good for a chap when he dies.

There give me your hand, sir, and thank'ee For the good as you have done a poor lad; Who knows, had they teached me some better, I might'n have growed up so bad?

FRENCH OPINIONS ON ARTILLERY FIELD ORGANISATION.

received—including one from a general officer, thirty-one from superior officers, thirty-three from captains, and eleven from subalterns. All these answers were tran-smitted by the Minister of War for the consideration of the Artillery Committee. A résumé of the views entertained by the majority of the writers, and which appear to be supported by the strongest arguments, are given, as hereunder, in a recent number of the Revue d'Artillerie.

The problem to be considered was the most cuitable proportion and composition of the artillery force for four land armies, each army to consist of three corps d'armée of infantry and one corps d'armée of crealry.

Each corps d'armée of infantry to comprise three divisions of infantry and one division of cavalry.

Each corps d'armée of cavalry to consist of two divisions of cavalry.

Each division of infantry to be composed of four regiments of infantry of 2500 men each, and one battalion of Chasseurs of 900 men.

squadrons) each.

1. COMPOSITION OF THE ARTILLERY PORCE FOR A DIVISION OF INFANTRY.

Number of Batteries to an Infantry Ducision -According to official programme, each division of infantry was to have four batteries of six-nieces each, i.e., twenty-four guns. This proportion has been accepted by the majority of the respondents without discussion. Some officers, however, regard it as unnecessarily large. In their opinion three batteries, i.c., eighteen guns per division would be sufficient; the increase in the number of guns, which is universally admitted to be desirable, they would give to the reserves, which would play an important part in all serious encounters, when, follow ing up a precise and well concerted plan of operations, they are brought into action at the right moment.

Mode of Loading best adapted for Field Service-The majority of writers are in fav our of breech loading, the superiority of which is held to have been satisfactorily

established during the late war.

Calibre.—Batteries intended to accompany divisions of infantry, and to manouvre with them, should have pieces of uniform calibre throwing a projectile of about 4.5 kilogram me weight, with a heavy charge of powder. A piece of lower calibre would be deficient in power, especially in regard of shrapnelfire, the importance of which tends steadily to increase. A piece of higher calibre, on the other hand, would certainly be more effective, but this advantage would be insufficient to counterbalance the inconveni ences attendant upon its use. It would be necessary to increase the strength of gun detachments, and of the teams; to increase the proportion of ammunition, wagons, so as to insure a sufficient supply of ammunition to the divisional batteries; lastly, the batteries would become less mobile, less capable of accompanying the infantry at all times and all places, less certain of arriving on the field of action at the right moment.

Mitrailleuses .- It is difficult to observe In the autumn of the year 1871, certain the effects produced by the mitrailleuse, and questions relative to Artillery organisation, to regulate its fire with due rapidity. It were proposed by the French War Depart, would therefore appear that troops who are the effects produced by the mitrailleuse, and ment for the consideration of the officers of frequently called upon to change their that arm. Despite of the intervention of positions in the course of an engagement many untoward circumstances, a consider- would be unable to make effective use of able number of replies were subsequently a weapon of this description. When the artillery is provided with a proportion of mitrailleuses, it is best to place them in the reserves, where a definite line of action may readily be assigned to them. In this way the mitrailleuse will do excellent service, and at decisive moments will contribute powerfully to the support of an offensive movement, or to repel an attack. If, on the contrary, these pieces invariable accompany the divisional artillery, they will find themselves committed, as a necessary con-sequence, to contests at distances superior to their own effective range, and to which they must inevitably succumb. Composition of the Divisional Baileries.—

To secure the requisite amount of mobility, it is necessary to have in the batteries a sufficiency only of guns and waggons to maintain the combat until the arrival of reinforcements, and to combine all the rest iuto a divisional park.

The composition of a battery should be as follows:-6 guns, 6 ammunition wagons, 2 store-waggons, 1 forge, and 1 spare carriage.

The ammunition boxes should hold 30

wagons of 1858 patern is insufficient; it would be desirable to replace them by wagons of the reserve pattern.

Divisional Reserves .- The formation of divisional reserves of ammunition, pre scribed by the ragulations of 1867, was no good measure, which, nevertheless, was not always attended, during the late war, with the advantageous results that might have been anticipated. The detachments of art tillery train entrusted with the conduct of these reserves were too weak in their or ganisation, and more especially in their cad res. Some officers appear to think that the duty would be more efficiently performed if the ammunition wagons were permanently attached to the regiments of infantry, who would furnish them with conductors and draught cattle, as regimental reserves, for whose control and safe-keeping the regiments would be responsible. Other officers -and these constitute the majority-reject this solution of the difficulty, which, say they, long experience has condemned, domonstrating the serious inconveniences entailed by the addition of a number of wheelcarriages to infantry battalions. They consider that in each division the batteries of artillery, reduced to the proportions above mentioned, should be followed at short distances by reserve wagons, which, with the wagons containing the divisional reserve of infantry ammunition, should form a divisional park, to be horsed by the train of artillery, and placed under the orders of an artillery officer. A company of artillery train should be attached to each division, or to each corp's d'armee—in the latter case, it would be organised in three detachments, one for each division of the corpe d'armee.

The artillery officer commanding the divisional park, should have at his disposal a suitable number of clerks and orderlies; he should conform his movements to those of the troops, keeping himself in immediate communication with the general command ing his division, with the batteries of the divis ion, and with the park of the army; and should direct the march of his wagens on such points as may be indicated to

At the commencement of an action, all battery carriages not actually required will join the divisional, park.

Ordinary repairs to be performed in the divisional park by the artificers of batteries. Extraordinary repairs to be executed in the park of the corps d'armee.

Supply of Ammunition.—The proportion of ammunition, prescribed by the regulations of 1867 for the infantry, has been found sufficient. The divisional park should carry thirty rounds of infantry-ammunition per man, i.e., 327,000 rounds per division, and have an extra wagon for each gun; the gun ammunition carried will therefore amount

to 200 rounds.
Stiff of the Artillery of an Infantry Dicuion.—The artillery staff for each infantry
division should consist of :—One lieutenan: or colonel, two chiefs d'escadron, one fer every two batteries, three adjoints, sud: proportion of clerks and orderlies.

When the adjoints are not second-exptains of batteries, they should be taken-like the clerks from the auxiliany army. Theirduly will be to carry the orders of the command ing officer of the divisional artillery to the

battery commanders.

Personnal of Batteries.—The cadres of battery organisation are sufficient. The war strength of the batteries should be completed in the following manner:—Each batters Each division of cavalry to be composed rounds; so that each piece will be furnished should have three lieutenants, one adjutant, four regiments of 800 horses (a five with 120 rounds. The capacity of the store) and a sous-chef artificer: the number of reserve men availabe for the gun detachments, and the proportion of horses, should be increased, and a second collar-maker should be given to those batteries that have but one at present. Not unnecessarily to increase the number of officers in the junior grades, the third lieutenant for each battery may be drawn from the nuxiliary army in the event of a mobilisation; but the adjutants should remain permanently with their respective batteries, otherwise it will be necessary, in the event of war, to make a number of fresh appointments, thus removing the senior non-comissioned officers from their batteries at a time when their services are most needed.

The sous chef artificer should be included in the number of bittery non-commissioned officers, the proportion of which may not be

increased.

Eight gun Batteries .- The tacticaunit of artillery should remain the battery of six pieces. Relieved by the formation of the divisional reserves, the battery may be handled under all circumstances, by the may be captain in command. Promotion might perhaps be fecilitated, within certain limits, by substituting batteries of eight guns for those of six, but the change would offer no special advantages from a tactical point of view. The new battery, under a chef-d'escadron, having two captains under him, would be less handy then the old; and although, it is true, it might easily he split into two detachments of equal strength, this advantage which would be chiefly observable from an administrative standpoint, would be counterbalanced by the retention of the captains in a subaltern position, whereby, in the long run, their self-reliance would be destroyed altogother.

Escorts and supports for Divisional Artillary.—Many officers, considering that the troops employed in supporting the artillery assure the safety of that arm in, at least, a very imperfect manner, have suggested the formation of a special corps to furnish per-

manent artillery escorts.

According to this view, each division would have attached to it for the purpose, a battalion of foot artilierymen, who would be entrusted with the duties of fascine and gabion making, battery building, &c. The mounted duty would be performed by squadrous, specially told off for the purpose armed as mounted riflemen, and equipped so that their horses could be used for draught whenever required.

Others, again, whose number, it is true, is small, hold that standing escorts would, at the best, perform with difficulty the duties thus confusted to them. When the artiller supports consist of infantry, they observe, the latter are frequently unable to keep with the guns in rapid movements, when they are composed of cavairy the latter are often brought upon ground where they are unable to act. It is for generals to make such tactical dispositions, according to the circumstances of individual cases, as will secure the artillery against sudden and unforeseen attacks.

The German military press says that the new Prussian Manser rifle carriey with extraordinary exactness at long distances. It is sighted up to 1,600 motres. The maximum rapidity, in isolated cases, is 18 shots per minute, and 12 in salvoes in exercise. In campaigns these numbers will probably docrease to 12 and 8 respectively. The Manser can be charged in half the time taken for the needle gun, and three fourths of that occupied in loading the Chassepet.

THE KHIVAN EXPEDITION.

The latest intelligence from the seat of war confirms in general the previous news, referred to in our last impression, of the progress made by the Russian columns in Central Asia. Telegrams have arrived from St. Petersburg, dated the 18th and 19th in stant, from which it appears that the Manguishlak detachment, commanded by Colonel Lomakine, effected a junction on the 26th of May with the Orenburg detachment, commanded by General Verevkine, and that the next day the Russian forces took Khodji In by storm, and put the enemy to flight. The Khivans numbered 6000 men, and had six guns. A second time, namely, on the 1st of June, the Khivans, numbering 3000 men, with three guns, made a stand at the fortified town of Mangit, when again they were defeated, and the town captured. General Kaufman had crossed the Amou Darya, and was only two days' march from Khiva. General Verevkine was at the distance of three days' march. He occupied Kungrad on the 20th of May, the Khivans flying be-fore the Russian troops. The Russian flotilla from the sea of Aral was unable to get beyond Kungrad, on account of the

shallowness of the water,

A telegram from Teheran, dated at noon,
June 19, states that Colonel Baker, Captain I
Clayton, and Lieutenant Gill have arrived I
at that place, after having visited Tehikishlar and the Attreck. The statement in the
same telegram that the Russians have abandoned Tehikishiar, and have no posts on the
Tersian frontier, except at Ashurade, confirms the former announcement that the
men of Colonel Markosoff's command were
too much exhausted to retrace their steps.
and had retired on Fort Krasnovodsk. Tehikishiar, nine miles north of Hassam
Gouli Bay, into which the Attreck runs, is
said to be unimportant as a muttary position and
and is now reoccupied by the Turco-

mans.

With respect to the future of Central Asia as likely to be determined by this campaign should it end in the complete success of the Russians, it seems prefty evident, as pointed out in the Petersburg Golos, that Bokhara, surrounded on three sides by the frontiers of Russia, will also be occupied. "The Bok hareso evidently know what is comming, and are already afraid of it, but come it must, although, perhaps not so speedily as they imagine. In addition to Bokhara, wo shall require the densely inhabited and very rich Provinces of Marshi, Hissar, Kundush, and some others in that quarter. Without the annexation of these di tricts, Turkestan is worth nothing to us; but a single glance at the map suffices to that if we extend our frontiers in that direction we shall only be doing what is inevitable." As for our own Imperial interests in the matter, the Russian World publishes a Constanti-nople letter, in which the writer says that after taking Khiva the Russians could invade India in three months, marching the distance to Herat in twelve days, respondent adds that the English Ambasad or at Constantinople is in conference with the Envoy of Kubgar, with a view to a joint English and turkish protectorate of that province. This must be accepted quantum raleat. We would only add, on the impulse of the moment that the old policy of keeping a sort of hedge and ditch of weak States between our own frontiers and those of of other Powers which threaten our security in the East, appears to be played

Some interesting information has been

sent by the Teheran telegrams quoted above relative to the Attreck. The river, it appears, though broad and deep a short distance from its mouth, is cut off from the Caspian by a bar with only two feet of water. About one hundred miles from its mouth it narrows greatly, and becomes unimportant, variable, and it can only be navigated by the light Turcoman boats of about six tons, and only two feet draught of water. There is bad anchorage along the shore of the Caspian from Tchikishlar to near Ashurade. Vessels of twelve feet draught cannot approach within three miles of the bay of Hassam-Gouli. Finally, the Russian Consul at Astrabad maintains Russian in fluence along the frontier.

How keenly Russia is watching her own interests in these regions may be judged of from the report which reaches by way of Brussels that on account of the Persian Concession to Baron do Reuter—which is the subject of remark in another column—the Russian Government has decided to impose a transit duty on all goods crossing the Cau-

casus .- Broad Arrew, 21st June.

"MONCRIEFF" SYSTEM OF MOUNTING ORDNANCE,

On Monday evening, the 9th inst., Major Moncrieff road a most interesting and ablo paper at the United Service Institution, entitled, "Further Observations on the Mon-crieff System of Mounting Ordnance," to a large and influential meeting of officers and gentlemen, Colonel Right Hon. Lord Waveney, A. D. C., presided. In explaining the precise Object of the paper, reference must be made to the report which was made in our columns of a lecture by Lieutenant English on this system a short time ago, the paper produced by Major Mancrieff being in reality an explanation of defeats and disadvantages alleged against his system by Lieut. English. The lecturer first referred for his explanation to the tables produced by Lieutenant Eng-lish at the lecture, which showed that the 9 inch 12 ton gun, which was used for the Moncreff carriage as compared to the liinch gun, had a mean error of 81-1 yards ngainst 16 yards, and difference of deflection of 44 against 1.5 yards; but he stated that particularly, as there were so many of the 9 inch 12 ton guns in the Service, he was glad to find that the tables used related to an experiment of the rifling and shot, and not of the gun. It was evidently, he thought desired by Lieutenant English to reduce the advantage of herizontal exposure, by his recent lecture; but it was well known by simple experiments only that a miscalculation of range which might only cause an error of inches against a vertical target, would give an error of yards in a horizontal one. In answer to a statement as to the cost of foundations being a necessary evil in his system he remarked that he could at a much smaller cost establish his batteries on the Thames and Medway than could be done by the old system, and also without the need of men being permanently stationed there. In answer to the statement of Lieutenant English that "the one advantage of extreme lateral range is to provide against the rather improbable case of one of a small number of ressels attacking a number of heavy batteries,' he isk i first if it was a true as: sertion, and if so, would it be true on other cases also. He though that there would be a great advantage in the guns besides bearing over the regions as allowed by fiving from behind iron shields, to do so over as large a lateral range as possible as in his system, by

which the silencing of a few batteries would not reduce the exposure of the enemy's position. He was convinced that the risk in his method would not be so great in the case of bombarding as in that of a fort, and niso would notbe so encumbered with smoke. sio advocated the increased lateral range as procured by his system, for the following reasons—that any method which enables the same number of guns to efficiently perto the same effect, from General Sit J. L. Summons, K.C.B, Colonel Jervos, the late our dohn Burgoyne, and His Excellent, Eaton von scholl. With regard to the chances of exposure of easemated forth composed to those of the batteries on his principle, he was account, as was done by Lieutenant Eng hsh, but that the chance of ricochet off the glacis should also be considered, and this be reckoned would take place over Lalf of the vertical area of 200 ft., and he remark ed that it was common sense to suppose that the enemy would prefer to attack objects of which they could see the damage as in forts | the practice of rigging and storing the ves with swelling embrasures than to attack with no elevation above the line of glacis. Lieutenant English stated that he desider ared concealment of the Moncrieff batteries, because the mhereabouts of any battery would be given nahin fifty yards by the newspapers, and the position of a battery mould be discovered by the enemy by the pull of moke from the gun; the lecturer appeared to put no faith in either of these arguments, which he answered by stating that sailors would undoubtedly prefer to lay their guns by areliable observation on the parts of casemates or shields rather than trusting to reading the newspapers, or taking angles on pulls of smoke during action from a number of guns, and perhaps with a breeze blowing. The lecturer emphatically stated that the casemates were sometimes assuable, but he thought that that expen ive form of fertification should only boused where there was no alternative. He stated that the counterweight carriages had answared beyond expectation, and that every thing was satisfactory except, the delay, which was caused, he alleged, by opponents of his system, whose influence had hitherto been exercised without open expression; ho therefore felt that Lieutenant English had done him a good service in expressing these opinions to ably, and openly bringing the subject before the public and out of the slough of despond. He conclude t by recognizing the support received from the Govrnment, and testified to the avantages which they would procure from his system

The chairman, Sir Lintern Simmons, Ad miral Pyder, Captain Selwyn, and Major Knollys, confirmed the arguments adduced by Major Monesieff, and spoke greatly in fayour of his system. The meeting terminated after the usual vote of thanks had been presed and acknowledged .- Bread Array.

The visit of the Heir of all the Russias to England appears to have been tuned singularly well to coincide with that of the Shah of Persia, and, considering the delicacy of the relations between the three Powers in the East, it is curious to read of the future C22r visiting the Eastern potentate in the London palace of Queen Victoria. form more work is a great gain, and the uneasiness of the Russian Press on the sub-number of men would be reduced, which spect of the similal Fersus's visit is also noteguns, and the garrison, to be made with to the Invalide foresees that the stay of the safety, in times both of war and peace, the shah amongst as will have political results. latter being of the greatest importance in the other laussian paper thinks the Eng. checking or the greatest apportune in the order trussian paper times the langest committee on Moncrieff occasion to fix definitively the limits of the carriages reported that one gan monated freman frontier on the side of Afghanistan and Moncrieff carriage may do equal work trussias progress and the Khita expedition that or more gans mounted behind shields that a clarined the Afghan States, whose with two or more gains mounted behind shields have alarmed the Afghan States, whose and that it was superior in economy and of security greatly interests England. For height, Major General I. Eardley Wilmot long, as is known, Lersia has covered the Ikhanate of Herat, and the anexation of the has the president of the president of sandependent territory of Seisten has been as assisted by six distinguished officers of sindependent territory of Seisten has been as assisted by six distinguished. the Royal Armiery and Royal Engineers, accomplished. According to the reports of the lecturer also read extracts and opinions (the English officers sent in 1570 to Belooc chistan to arrange for a telegrphic line, the tersian fromer should be considerably ex tended to the south. Now, as Afghanistan is the het to England a ludian possessions, the interest of England (the Russian paper teases in a definite arrangement of frontiers of opinion that, in the case of casemates, not stant win give her security for the future, is maturally very great. "-Broad Acron.

> The Pritish Admiralty have issued orders that for the future, when ships are commission ed, the old plan of rigging them by the crow is to be resumed, as it has been found that seis by the men of the steam reserve and dockyard was attended with much inconvensence to the others and crews placed on the Duc d'Audiffret Pasquier, that when the board a few days only before the slaps sail ed for a foreign station, and necessarily left them in inguorance of the manner in which; the ship was rigged or her machinery gear stored or the vessel stored.

Adminal I othiam, lately French Minister of Marine, recently issued a circular warting insurance agent that an American was trying to sell a mechine, a small torpedo, for destroying over insured ships with impunity. triodia inou block of coal of about six inches by three, and could be put into the etc., to her new army, and place berself in ooal bunker without the elightest suspicion. Once there it would, when once thrown into the furnace explode after a fixed time, thus enabling the captain and crew to get away, or might explode as it lay. The Burningham, England, Duly Post claims to have received one of those infernal machines, which will, it alleges, perform the duties required of it.

la order that every non ship in Hei Ma possify's Navy shall possess the means of temporarily stopping a flow of water into the ship through a bot hole or leak, the Admir ally has issued directions that in future all such ressels shall be supplied with small thrummed mats, mado in accordance with patterns supplied to the dockyards, to be placed over the shot hole or leak on the out placed over the shot hole or leak on the out side in a puickly as possible, so that the dam' inside and repaired in a secretary inside and repaired in a secretary. In order that every non-ship in Her Ma

An interesting work has been unblished at Leipsic giving an account, by a German student, of the part taken by members of the different German universities in the late war. Out of the 13,765 German studthe campaign, about 3,500 of whom were in the ranks, and 1,000 attached to the ambulances. Out of 1,505 university professors, 15 were under arms, 253 devoted themselves to the care of the sick and wound ed, and 120 worked for the national cause by speech and pen.

The value of gun cotton as an explosive has ben fatther advanced by the investiga tions in progress at the Chemianl Depart ment in the Royal Arsenal, Woolwich, presided over by Professor Abel Soon after the terrible explosion at Stowemarket it was discovered that gun cotton could be secure ly kept in water without depriving it of any of its virtue, and that even when soaked with moisture, it can be exploded with a do conating fuse just as readily as if perfectly dry. Professor Abel proposes to use it for the barsting charges of shells instead of gappowder, the remarkable part of his plan being to fill the shells with water, in which a few skeins of the gun cotton are p'aced. It has been found on experiment that the combined action of the gun cotton and mater is to break up the shell into many fragments, so that common shall may be al most as effective as shrapacl. Professor Apel even goes further than this, ann proposes to use the gun-cotton and water mixed in solution to charge shells, and his projects are at present receiving the carnes at tention of the officers who conduct such conduct such scientific inquiries on behalf of the govern-

It will be remembered that an impuny into war contracts by a special co.umittee in the French Chamber, led to a statement by recent war was declared with Germany the French had only 2,030 guns. It seems there were only 320 batteries, representing 2,370 guns, and that waggons were wanted for some of these, and horses. The same report, which publishes these figures, states that the French during the war lost over 7,000 guns, so that there must be some error, un less the enemy carried away a great deal of unserviceable material, guns found in the forts, and pieces purchased abroad, or manufactured during the course of the war. France will have to lay out about £40,000, 100 to replenish ber arsenals, give weapons, a position to enter upon a compaign.



Notice to Contractors.

EMED TENDERS, addressed to the under-signed, and endorsed, "Tender for works at Sic. Anne, Ottawa River," will be received at this office, unit moon of TUENAY, Join day of JULY to M. for the formalloy, of a channel through the shool below the Haplel at Sic. Anne, Utlawa River.

Department of Public Works, 4 thurs, 25t June, 1875.

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