addition to these main departments, the di rectory of the great orphan asylum at Pots dam, the chief commission for the examination of employes of the intendancy, and the general military chest, are all under the direct control of the war ministry.

Under the direction of the Department of Military Economy there is in each army corps, and in each division, an intendancy, which has charge of all matters pertaining to provisions, forage, pay of the troops, garrison, hospital, and camp equipage and stores, transportation trains, equipments, reserves of clothing, etc., etc. Under the orders of the corps intendant is the train battalion, which will presently be described.

THE MEDICAL STAFF.

This is under the supervision of the medical department of the war ministry, at the head of which is the surgeon general. Each hospital is administered by a commission consisting of one officer of the line, a surgeon, and an inspector.

MILITARY JUSTICE.

The affairs of this department are under the direct supervision of the "General Auditoriat," which is itself immediately responsible to the second section of the General War Department, and has immediate control of the corps, divison, garrison, regimen tal, and battalion auditors (judge advocates, very nearly), as well as of the various courts martial and courts of honor.

MILITARY CHURCH AFFAIRS.

There is a Protestant and Chatholic chaplain general, under whom are all the chap lains, and who are themselves responsible to the second section of the General War Department.

THE TRAIN BATTALIONS.

For each army corps there is a train battalion, which has the immediate charge of the main supply train, and other duties, In peace each battalion consists of 10 officers, 226 non commissioned officers and men, 121 horses, and 24 wagons. In war the strength is so much increased that as a minimum organization it consists of-

1. Five provision columns, each made up of 2 officers, 1 paymaster, 27 soldiers, 74 train soldiers and mechanics, 1 veterinary

surgeon, 164 horses, 32 wagons.

2. Three sanitary detachments, including three detachments of men for carrying the wounded. Each sanitary detachment consists of three officers, 1 paymaster, 149 men, 7 surgeons, 45 other persons, 41 horses, 10 wagons, and 15 hand litter, and is organized in two sections, which can serve independently. One detachment is assigned to each division of infantry, and one to the corps of artillery. The men detailed to carry the wounded are infantry soldiers, who are instructed in their duties in time of peace.

3. A horse depôt, with 2 officers, 34 men, 1 wagon, and 170 horses. The object of this depot is only to supply losses among the animals in use among the infantry, pioneers, administration, and head quarters. In an enemy's country the depot is kept up by requisitions. In the field all horses temporarily unserviceable, all supernumerary and captured animals, are turned over

to the dépôt.

corps head quarters, and including this staff, the minimum war strength is 30 officers, 1455 men, 1257 horses, 195 wagons.

Under the commander of the train battal ion of a corps are placed all the military personnel connected with the administration In addition to the soldiers composing the train bettalions, there are other train soldiers beigned to the troops, as drivers of baggage and ammunition wagons, etc. The average allowance of such wagons for a bat talion of infantry is as follows, viz. :

Ammunition wagon, drawn by .. 6 hor's 1 clothing wagon, drawn by 4 '
1 Medicine cart, drawn by 2 I Officers' baggage wagon, drawn by 4 With pack-saddles.....

Total, 3 wagons, 1 cart, and .. 20 hor's. The ammunition wagon carries about 18,000 cartridges, and to it are attached 5 picks, 12 axes, 10 spades, etc. The clothing wagon contains the buttalion chest, the account books, some spare clothing, and tailors' and shoe makers' tools. The officers' baggage wagon contains the portmanteaus of the offi cers and employés (each lieutenant is allowed 42 pounds, each captain 51 pounds, the battalion commander 94 pounds), the mess apparatus of the staff, the adjutant's papers, and the armorer's tools. The pack horses-one for each company-carry the officers' mess apparatus and cloaks, 10 blankets for the sick, some taitors' and shoe makers' tools, the orderly sergeant's papers, and the company money; in all about 200 pounds.

For a battalion of rifles the arrangement is somewhat varied, horse carts being sub stituted for wagons, to enable them to accompany the command over bad roads and open ground. They have—

Ammunition carts, with...... S hor's. Baggage carts, with....... S Medicine cart, with...... 2 Staff baggage cart, with....., 2 Pack horses..... 4

Making 10 carts and.....24 hor's.

Each ammunition cart carries 7840 curtridges. Including the drivers of the bag gage wagons, etc., the total war strength of a battalion 301 infantry is 22 officers, 1028 men, 34 horses, 4 wagons and carts. rifle battalion the strength is 22 officers. 1034 men, 40 horses, 10 carts. And the to tal war strength of a regiment of infantry is 63 officers, 3112 mcn, 121 horses, 16 wagons and carts.

The baggage of a cavalry regiment con sists of-

Medicine cart, with...... 2 hor's. 1 Forge, with 2 4 Baggage carts, with..... 8 1 Officers' baggage cart, with..... 4

Or 7 carts and wagons and 16 hor's. Making the total strength of a cavalry reg iment on the war footing 23 officers, 653 men, 705 horses, 7 wagons and carts.

(To be Continued).

TOWN OF MORRIS.

5. A train escort squadron, consisting of & McMillen are the proprietors. On the receptacles, causing an intense violet, cat 6 officers, 116 men, 119 horses, and 1 wagon, spection of the map, as also that of the Proprietors in public of acting chemically upon the paper The staff of the train battalion is at the vince, and from its excellent expabilities the for a sufficient length of time to allow of the

town of Morris offers fair to become second only to Umpipeg in the course of a short time. It is situated at the confluence of Scratching River with Red River, in the parish of St. Agathe, and in the very centre of the extended county of Provencher, being forty miles distant from the city of Winnipog, and twenty this side of Pembina. The stage road to Winnipeg passes through the centre of the town, and it has the advantage of Kittson's line of steamers which call regularly at the place. The large thriving settlements of the Boyne are only sixteen miles distant, and already Morris is made the base of supplies to all these thriving set tlements as far as Pembina Mountains. On the East side of Red River, and a few miles distant, is the reservation set apart for the Mennonites and for the reception of the many hundreds already on their way, new buildings are in course of erection for their accommodation.

Any person acquainted with the excellent quality of the soil between Winnipeg and Pembina, and seeing the facilities for wood and water that exist, must confess that be tween Winnipeg and the boundary line at Pembina, is destined to become the most populous and flourishing part of the whole Province. Unlike new towns and villages west of us, Morris is destined to have the advantages of Railway accommodation at a very early day, as the line from Pembina will certainly pass on the opposite side of the river, if not through the place should it pass on the West side. There is a Bill through the Legislature, and passed through the 3rd reading, asking for a charter for the construction of a Railway from Fort Garry to Morris, and thence westerly to the western limit of the Pro vince. The place already contains a large tavern, two stores, a post office, a school house, and steps are being taken for the erection of a tannery, tavern, and grist mill. Already, we are informed, that upwards of fifty lots have been disposed of at one hundred dollars each. Those wishing to pur chase can inspect the plan, or procure any information desired, by calling at the office of Mr. Mulvey,

We congratulate the above gentlemen in their enterprise, and wish the town of Morris all the success which most assuredly awaits it. - The Nor Wester, July 20th.

Dr. Neumayer has recently exhibited before the Berlin Geographical Society a photographic apparatus designed for the determination of the temperature and of the currents at great depths in the ocean. The invention is composed of a copper box, hermetically sealed and furnished with an exterior appendix made like a rudder. In the interior is a mercury thermometer and a compass, each enclosed in a glass receptacle into which are admitted traces of ni trogen gas. A small electric battery completes the apparatus. When the latter is inflowed to descend attached to a sounding jine, the action of the current on its rudger causes it to assume a parallel direction, thus indicating the set of the flow by the relative position of compass, needle, and rudder. The thermometer of course shows the surrounding temperature. In order to fix these indications, a piece of photograto the depot.

4. A field bakery column, consisting of 1 new town, recently surveyed into town iots by class cases containing the instruments. officer, 100 bakers, 12 men, 15 horses, and 2 C. I. Brown E.q., P. L. S., of Winnings, W Then at the proper time a current of electronic parts of the containing the instruments. The proper time a current of electronic parts of the containing the instruments. A train creat sounders are the containing the instruments.