"Oberste," meaning highest or supreme, and his assistants are called "Oberstlicu-tenant" and Major. All of these officers are known as "regimental officers" or "Inttalion officers," beginso their duties are general in the regiment or battalion, ! and have nothing to do with the details of service in any particular company. They are "also sometimes designated as "field officers." The "general officers" are those above the grade of colonel, and, beginning with the lowest, are, in our own and the English services, brigidier general, or general of brigade; major general, lieutenant general, and in the English army, field marshal. In the French army there are generals of brigade, generals of division, and marshals. In the German army the brigade is hibitually commanded by a major general, the division by a lieutenant general, the corps by a general of infantry, cavalry, etc., while the proper command of a field marshaal is an army In Austria the term lieutenant general is replaced by that of "Lieutenant Feldmars. chall," and that of general by "Feldzeng meister."

But whatever may be the particular terms employed, there is in every well organized European army a grade of general officer for the special continued of each great unit, viz, the brigade, division, corps, and army. Of course it happens not unfrequently that a general officer exercises a command higher than that to which his grade entitles him, and it often nappens in war that brigades

are commanded by colonels.

We may now revert to the considerations which should regulate the strength and composition of the various component parts of an army. As already stated, the com-pany of infantry is the lowest organized unit of that arm of service. In other words. it is never broken up, never removed from the immediate supervision of its common der, unless for a strictly temporary purpose; as, for example, when a guard, an escort, patrol, or similar detachment is required for a few hours or days of less force than a company. Not only is the company the smallest organized unit, but it is also the most important; for it is here that the young soldier receives his whole military education, and passes from the raw recruit into the thorougaly disciplined and instruct ed veteran. The company is the soldier's family and home, and as the company is, so will the soldier, the regiment, and the army be. The army, after all, is only an aggregation of companies, and the interme diste units are simply subordinate aggrega tions of companies made for convenience but in which the companies are never merg ed, and never lose their indentity and in (i viduality. There is no point in the organizition of armies more important than that of securing the best possible company offi cers and non commissioned officers; with them a good army can always be made; without them it is impossible. The company commander is in immediate contact with all his men, and is directly responsible for their health, comfort, good order, discripline, and efficiency; he conducts them personally in battle, and directs their indi vidual movements—all this with the assistince of his lieutenants and non commissioned officers, but with the direct responsibility always resting on his ern shoulders. It is impossible to overrate the importance of the captain's duties, and the absolute necessity of the post being held by com-petent and fully instructed gentlemen. It follows from all this that the strength of a

limit up to which a good efficar can proper ty exercise this personal supervision. liere occurs one of the broadest and most important districtions between the Germans and Russians on the one hand, and the Forneh, English, and ourselves on the other - a distinction which watery offects the cuttee a my system. It is the question of large versus sand companies. Telegroom companies on the war footing consist of 250 non commissioned officers and privates, while with the English, and French, and on selves the maximum number is about 100, although the French in some cases in crease the number somewhat. Too full number of comp ny officers in the German army is five, while with the small companies it is three, so that for every 1000 men the Germans provide twenty company officers, while the French have thirty. The German arrangement results in a great economy in expense and insterial if the smaller num ber is setheient, which the experience of recent wars seems unly to prove. In fact, in consequence of the then recent increase in the scrength of their army, the Germans seldom had the full number of officers with their c apames du ing their lite wars. It is true that they experienced considerable inconvenience from the short supply, but it is clear that the full number would have been ample. The Germans have in each company twenty non-commissioned office is, inaddition to twenty four lance corporals and re-enlisted men serving in the ranks, but available to re-place at once any disabled non-commission. ed officers. The French have founteen non commissioned officers per company, while we have only ten.

Experience seems to have demon strated that 250 men are quite within the control and personal supervision of a captain, ailed by good lieutenants and noncommisioned officers, both with regard to the purposes of administration, discipline, and instruction, and to their proper employment in battle. A company of this strength forms a compact mass which is very effective in battle, and is found to be far more readily hardred and controlled than the French buttaion, while a company of 100 men is the weak to effect any important purpose by itself. The wars of 1800 and of 1870 71 afford many instances in which single companies, properly supported, effected important results, and clearly es tablished the value of these strong com prinies, which are really the effective units of battle as well as of mstruction and ad ministration. It arry be remarked, in passing, that in the German service the captains of infantry are mounted. The sound conclusion with reference to the strength of the company, based upon ample experience, would seem to be that, in a well organized army, with intelligent and well disciplined soldiers and competent and well instituted officers and non commissioned officers, the German system of large companies is a every respect the most efficient and economical, and that it permits most readily a capid expansion on the outbreak of war. in the contrary case it may be preferable to employ the week companies, especially when the batt dion comminders are fally competent, and can partly supply the de-noisencies of the company officers; but in such cases it would probably be found auxisable to reduce the number of companies in a battalion below ten.

Both in England and France this question in regard to the projer strength of the company soluld reach and not exceed the company of infantry is a subject of great | tect at the Admiralty.

interest and much discussion among the most intelligent officers, but no official action has yet been taken in outher of these arms to modify the old company organization, and it can not be said that there is any probability of immediate action in this direction by either. But it is probable that ultimately there will be considera-ble increase in the strength of the companies.

(To be continued.)

FRENCH-RIFLE TARGETS.

The shooting-ranges at Havre, where a party of our Volunteers are trying their skill against French marksmen, are peculiar in their arrangement. There are ten ranges, enclosed between brick walls, and the shooting is entirely under cover. The person shooting stands at a species of window, and he shoots through a series of small ob. long squares, at the end of each being the target. The bull's eye is of oblong formation also, instead of round, like those of the English targets. The distances, of course, are measured by metres which very nearly assimilate to our English yards, being a fraction over 39 inches in length. The first or shortest range of the Tir is 65 metres for small weapons. The target is composed of a small piece of white cardboard, about 4 metres square, with a number of concentric circles found the bull's eye, which is about on inch in length and a quatter of an inch in width, the buil's eyo being black. The bull's eye count 5, the next circle 4, and so on outwards to 1. This is the principle upon which the whole of the targets are constructed. The ranges run at 170 metres, 225 me' tres, and 300 metres, which is the greatest. distane, and which means in English exonly 327 yards. There is also a range for pistois, or pistolets de tir. at 20 metres, with chuli's eye of 4 centimetres, and a range or the Carbine Hobert, used for teaching noys the dimensions of the cirton, being 10 continuetres, on the model of that used at the Societie Centrate of Paris. The novelty of the arrangements evidentally affected the shooting of the English competitors on the first day, when the best of them came in

The first torpedo vessel of the British navy has been launched at Pembroke Dock. yard. She is called the Vesurius. The Broad Arrow describes her as a handsome little vessel, which when fully equipped will have her huil only some three feet above the water, and the screw below. Her prinipal dimensions are-length between perpendiculars, 20ft.; I readth extreme, 22ft; tepth in hold llit. 43in.; displacement in tons, 41. She is propelled by twin screws driven by engines on the surface condeser timeip's, of 360 indicated horsepower, with sollers bearing a pressure of 70lbs. to the square inch. She will not produce any moke—coke only being used, and the funnel is a horizontal one, lying along the deck, which is semroval. The crew will be stati and below, and yentilation will be wided by a draught of air produced in lurinaces by hand, until steam is got up, attorwards generated by means of a donkey engine, which drives a fan in addition to her large engines used for various purposes. She was designed by the chief naval archi-