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 inconvenboard 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. triods into a 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 specific for the lie of the dockyards, to be placed over the shot hole or leak on the out side in a squickly as possible, so that the dam' inside and repaired in a specific for the lie of the works can be seen at this Office, and at the Lachine Const collect, Montreal on and after WEDNESDAY, 2nd day of ULA next, where primed forms of Tender, and at the Lachine Const collect, Montreal on and after WEDNESDAY, 2nd day of ULA next, where primed forms of Tender, and at the Lachine Const collect, Montreal on and at the Lachine Const collect, Montreal on and at the Lachine Const collect, Montreal on and after WEDNESDAY, 2nd day of ULA next, where primed forms of Tender, and at the Lachine Const collect, Montreal on and at the Montreal and the Montreal Const collect, Montreal Const colle 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 sence to the others and crews placed on the Duc d'Audiffret Pasquier, that when the 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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