tical cenclusions.

To appreciate their value it is necessary briefly to call to Ireland; the complete organization of our regular army "horse, foot, and artillery"; the construction of splendid dinary, and rapid movements in a purely military direction epting originally from a feeling of national inservrity, created by the fall of the national confidence in the power of "the wooden walls of old England" to protect these islands from intrust so rudely shaken by a practical appreciation of the change produced by steam But, besides, all these solid proofs of the the military history of recent wars, or the leading principles of of the last two decades. military operations The press and the current literature teem with articles from a purely military standpoint. On the other hand, the Navy as a sort of abstract quantity of national necessity, absorbs no such popular attention, though the sermost careful, painstaking attention be paid to stategical laws, vice is, as it deserves to be, most popular. It would be very based on accurate knowledge, and all arrangements are made hard to find an Englishman, unconnected with the service, who is ashamed to say he knows nothing at all of recent naval his-The nation gets angry and excited when an iron-clad gues to the bottom, and, from ignorance of naval mind is somewhat lethargic, if not wholly apathetic, in its regard of much that appertains to "England's right arm.

To sum up the results of our national defensive efforts of the have sought out, defined, and carried out the general principleato govern our military arrangements, we have taken every advantage of "advancing science" to improve and perfect the details; but with respect to the Navy we have only used 'advancing science" for the improvement of some details such as ships, without even the faintest national effort to seek out the great general principles which must guide our naval arrangements. This is doubly remarkable when it is rememby steam that has 'ed us so far afoot towards a purely nulitary. goal, and caused us, so to speak, to turn our back on those new naval principles which are the very essence of the problem

submitted by steam for England's solution.

As the annual value of our trade with China and Japan approaches £15,000,000, the arrangements for supplying and securing to our fleet in war ample supplies of coal is surely a question of very considerable national importance, yet it does ficets to keep the sea; on it rests the whole complex operations ent on fixed coaling stations, the great majority of which are onies at all proportionate either to their military progress or on British territory. The main object of hostile cruisers would mercantile development. If we cast our eyes towards India

clauce at some facts which may assist us in arriving at prac- be to damage our sea trade, and no more effective mode could suggest itself than burning the coal of our steam more intile fleets. If the defence of these British coal-stores abroad is to mind the radient features of our defensive arrangements and be left to sea-going ships, instead of such ships being at their polloy from 1859 to 1879. The first thing of striking import proper places on the high seas, they will be in war snugly such is the growth of a purely military spirit amongst us, lying off the coal wharves. Were the Horse Guarda to share the striking by the coal wharves. policy from 1009 to 1049. The area taing of seriang importance is the growth of a purely military spirit amongst us, plainly exhibited by the spontaneous action of the nation in arming and organizing itself into a volunteer force of some 170,000, binding itself to serve for the defence of Great Britain only; the resuscitation and total re-organization by successive Governments of the Militia and Yeomanry, a force of tricate machinery, to distant parts of the world without providing them. some \$50,000, legally bound to serve only in Great Britain and viding them with means of repair, floating or fixed, and does not even provide dock accommodation for war-ships at such important places as the Cape, British Columbia, Halifax, N.S., fortifications and military works in the United Kingdom, at and Quebec, commanding as they do the great passes leading Plymouth, Portsmouth, Chatham, &c., which did not exist from one hemisphere to the other. In 1859 the total twenty years ago How, the whole of these great, extraor tonnage of British vessels which entered and cleared at tonnage of British vessels which entered and cleared at ports in the United Kingdom was 13,000,000 odd; in 1877 it was 53,000,000 odd. We have, therefore, now four times as great a national stake on the water as we have 1950 and the part of the stake of the water as we have 1950 and the part of the stake of the water as we have 1950 and the stake of the water as we have 1950 and the stake of the water as we have the water as we have the stake of the water as we have the stake of the water as we have the water as we water as we have the water as we water as w had in 1859, at which period we commenced giving our exvasion and the substitution of no amount of thickness of ar- clusive attention to purely military arrangements. It is inmour for wood can win back that blind and implicit bygone structive to think at facts such as these, and it cannot be too often repeated that one-half of the people of these islands are now dependent on over-sea transport for food. It is also a quick growth of a purely military spirit, there are others more matter for scrious reflection that other nations are making. subtle, but nevertheless as sure. Most Englishmen would now rapid strides in naval development, while two new naval pow-be ashamed to acknowledge ignorance of the broad features of ers, Germany and Italy, have risen out of the troubled Europe

An extended position, connected by long lines, requires a much greater force to maintain it than to attack it. An insignificant attacking force can harass and werry it, unless the

subject to those laws.

We have water-roads 13,000 miles in length, commerded by tory, and still less of the broad principles of naval operations points in British territory, but there is not a place of refuse and arrangements. The nation gets angry and excited when where helpless merchant ships in war can find even temporary safety or security along their whole length. It is evident that matters, generally blames the wrong, but, in the intervals as the absolute necessity of arming our mercantile marine in-between mishaps which must occasionally happen, the popular war becomes more apparent, so will the value and importance of our fixed points commanding the great water-roads become more clear as a great element of maritime strength. They must not merely be protected coal depôts, but naval storehouses ast twenty years, it may be said, as regards the army, we where guns, gin-mountings, and ammunition suitable for the use of the mercantile marine can be safely stored.

Before offering necessarily brief remarks on the colonial portion of our subject, it may be instructive to summarize some remarkable changes which, from a defensive point of view, the twenty years just closed has brought about in our colonial history. We have since 1859 withdrawn regular troops from all our great colonies having responsible governments, except the Cape. In the interval which has elapsed the United Kingdom bered that it was the change produced on naval operations has gone so far as to sell old military clothing and muskets to Canada, while Canada has developed a military system capable of placing 600,000 men under arms, and, as all are aware, has tendered offers of substantial military assistance to us within the last few months. The colonies of Australesia have organized local military forces, and erected defensive works and the Capo is at this moment engaged in providing military means of internal local defence. The West Indian colonies do not eppear to have followed in the same path. The example set rot command popular sympathy. But the question of coal by the mother-country has not been without its influence on her supply does not simply concern the power of the British war children, and, therefore, it is not surprising to find that in naval directions little has been done. Canada has provided of our steam trade. Steam companies take care to provide herself with a naval force of small armed steamers for lake ample fuel for their wants, and store it at the most convenient service. Victoria is distinguished by the possession of the points along the great highroads of the sec. Though, as a 'Cerberus' and Nelson, and a nayal establishment of some seneral tule, these vessels have far superior coal-carrying 350 of all ranks. We may look in vain elsewhere for any adcapacity to any of our war-ships, they are nevertheless depend vance as regards naval preparations in any of our great col-