

the turret of the Monitor, and unti

ounded he guided the mechanism controlling the revolving motion of the turret For more than an hour he swung the turre on its axis and brought the Monitor's guns to bear upon the foe, and then, as he was engaged on the lookout, he was disabled by concussion of the brain. His injury resulted from his knee touching e turret at the instant a heavy shot from the Merrimac hit that ironclad shield. The fight was concluded before he was able to resume duty.

Again, Acting Master Stodder showed the stuff of which he was made in the final hours of that little craft, when she pitched in the storm which sealed her fate and while the seas swept over her deck from stem to stern, a time when courage and calmness of mind meant was the fulfilment of that dictum.. everything in nerving subordinates to steadiness and duty. He was particu-larly commended by his commanding finding that it was impossible to build for the vessel were actually passing fficer for his conduct on that occasion. a vessel of that sort within the time avail-

Although Capt. Stodder did not live able Mr. Mallory and his advisers deterlong enough to take part in the semicentennial celebration of the battle, he been sunk at the Norfolk Navy Yard did witness a memorable revolution in upon its abandonment by the Federal methods of naval construction, the be- authorities, and to fashion that craft ginning of which was the encounter of into an ironclad steam battery capable the two new types of warships in Hampton of coping with the wooden ships of the Roads. The extent of that revolution Union fle may be measured by the figures compar- formidable as a ram quite independently ing the Monitor and her armament with of her guns-"like the bayonet charge the new battleship Nevada.

New Yorkers have a special reason to acter the be interested in the celebration of the tations of her designers. The Confederates lost no time in raising Monitor's victory, because that revoluthe Merrimac, and early in June, 1861, she tionary vessel was planned and hastened to completion right here. There are not many New Yorkers, however, who know that it was proposed to use the Merrimac Richmond the plating needed to cover the in attacking this city. This is a bit of protected casemate of the Merrimac, history which puts a different complexion or, as they called her, the Virginia. The upon the purpose of the Confederate skill of Lieut. John M. Brooke provided a way to convert the Federal cannon left authorities before their steam battery had met the Monitor and found a check at Norfolk into far more formidable in her belligerent activities.

On March 7, 186?, the Confederate Secretary of the Navy, Mr. Mallory, wrote as follows to Flag Officer Buchanan, then in command of the Merrimac, or the Virginia, as she was known to the-

Bouth: I submit for your consideration the attack

She can, 1 doubt not, pass rn the city? Old Point safely and in good weather and that damaged the pilothouse of Ericsson's a smooth sea could doubtless go to New battery and blinded and incapacitated Once in the bay, she could shell and burn the city and the shipping.

uch an event would eclipse all the glories of the combats of the sea; would place every man in it preeminently high and would yard and its magazines and all the lower part of the city would be destroyed and ship such an event by a single more to achieve our immediate independence than would the results of many cam-Daigna.

an the ship go there?

The final question of the letter was probable that she did not do more than breeds. Twenty years ago the chief inanswered by the arrival at Hampton Roads of the Monitor and by the effective her to a battle test in haste was for manner in which she met her Confederate rival on Sunday, March 9, 1862. But Monitor, which was then expected.

for the Merrimac's attack upon the The Federal Navy Department gave in Alaska. The Russians had their capi-rederal fleet of wooden ships on the consideration to the building of armored tal at Kodiak before moving it to Sitka. day before the Monitor, obeying urgent vessels only after it became aware of the We have five schools with twelve teachers i twice that many.

orders from Washington, would have Confederate plans for the remodelling gone straight on to guard the national of the Merrimac. Congress was in capital, and thus in a way Confederate spired to activity through the efforts impatience saved the rest of the Union of private citizens and passed an act navy near Hampton Roads by diverting appropriating a million and a half dollars the Monitor from the Potomac. for vessels of the new type early in August,

The Confederate Secretary of the Navy, 1861. The United States had never built Mr. Mallory, had served as chairman of an ironclad, and the Navy Department the Naval Committee of the United States | was uncertain as to the best way to dispos Senate for some years before the outof the money thus provided. A board of officers was appointed but they had no break of the civil war and he was peculiarly fitted to see the naval needs of the practical knowledge of this development Southern cause. He declared that "ineof naval architecture and time was lost quality of numbers may be compensated in their deliberations. The contract for by invulnerability," and the Merrimac the Monitor was not signed until the first the Monitor was not signed until the first week in October following, but Capt. After casting about for the design of Ericsson and his civilian backers had con-

through the rolling mills before Ericsson was legally authorized to proceed with the mined to raise the Merrimac, which had construction of the craft.

Even then his task was not easy; many of the navy officials were inclined to be either sceptical or unduly exacting, and with this handicap he had the added burden of developing the deet. It was proposed to make her tails of his ship hour by hour and day by day as the work was pushed along. Fortunately the idea of his vessel was one to which he had given serious study for of infantry"-and in this distinctive char-Merrimae fulfilled the expeca number of years. It was only by work-

ing night and day that the Monitor was launched upon January 30, 1862; and a little less than a month later, on Febwas placed in dry dock for reconstruction. | ruary 25, the little steam battery of 776 The Confederates managed to turn out in ; tons was put into commission. Because of the novelty of the craft and the fairly desperate character of the service cut out for her, her crew was recruited from volunteers.

SOCIALISM IN ALASKA.

and Fish With Their Neighbors.

Alaska. On returning he saw an auto for

On February 19 the Monitor left Green point, L. I., under her own steam for the navy yard at Brooklyn, but because of weapons by rifling them and shrinking engineering imperfections she had to

upon their breeches metal bands to make be towed to her docking place. On Febthem better able to withstand the heavier charges of powder intended to drive their shells

It was that officer who made possible the characteristic battery with which the Merrimac was armed, and it was her rifled

New York by the Virginia. Can the guns which left their heaviest impress Natives Cheerfully Share Their Money Virginia steam to New York and attack and upon the Monitor. In fact it was the shell from one of these modified weapons TACOMA, Feb. 17 .- J. M. Blinn has returned to winter here after spending eighbattery and blinded and incapacitated teen years on Kodiak Island, southwestern

Lieut. Worden. Work upon the Merrimac dragged along over months because of the delayed de- the first time. He is one of the wealthiest livery of the iron plating needed, and it men on Kodiak, with a prospect of acstrike a blow from which the enemy could was not until February 17, 1862, that the cumulating still more, through his Salmor Arrise a blow from which would inevitably Confederate steam battery was placed cannery interests. The second a climate as Puget Sound. It was more than tendays has as good a climate as Puget Sound. The island is 125 miles long and about capital from the city. The Brooklyn navy later before she had her magazines stowed The island is 125 miles long and about with powder; and when she left Norfolk thirty wide. It is covered with hills, but to attack the Union vessels on March 8 the valleys are very productive, growing she was really on her trial trip, some parts anything that can be raised in Washingof the vessel being incomplete and yet un- ton. The chief industry is fishing. The tested. It has been said that she made a population is about 2,500, of whom 200 are

speed of eight or nine knots, but it is quite whites and the rest Indians and halfseven at the outside. The desire to put dustry was seal hunting, which the Govdustry was seal hunting, which the Gov-ernment has stopped. Kodiak, where I saloon was licensed. Since then there purpose of anticipating the arrival of the live, is the largest settlement, and being

107 years old is, I think, the oldest town The Federal Navy Department gave in Alaska. The Russians had their capi-

The Monitor and the Latest Dreadnought Compared. Length 172 feet 575 feet Displacement 776 tons 27,500 tons Speed 6 knots 21.5 knots1,072 BATTERT. . 21 WEIGHT OF BROADSIDE.

but steered so badly that Worden deemed it best to return. It was not until March 3 that the little vessel was ready for a trial Roads at 9 o'clock that evening and was run, and three days later, at 4 o'clock in the afternoon, she headed seaward for her run to the Virginia capes. She was accompanied by the United States steamers Currituck and Sachem and the

tug Seth Low. Worden reported: "In order to reach Hampton Roads of mind of all on board his vessel: as speedily as possible whilst the fine weather lasts I have been taken in tow At 2 A. M. the iron battery Monitor by the tug." came alongside and reported for duty and then all on board felt that we had a

The deck of the Monitor was only eighfriend that would stand by us in our hour teen inches above water, and during that of trial. trip the weather was boisterous for a At 6 A. M. the enemy again appeared while, which proved that she had not coming down from Craney Island, and I beat power enough in her engines to drive her to quarters, but they ran past my ship unassisted in a storm. It would have and were heading for Fortress Monroe, and the retreat was beaten to allow my been impracticable to work her guns, only five feet above her waterline, in men to get something to eat. The Merri-anything but placid waters, even though mac ran down near to the Rip Raps and

then turned in to the channel through which the ship as a sea boat proved to be un-I had come. usually steady. On the evening of March to quarters and when she approached within 8 she entered Chesapeake Bay.

himself as a matter of course. They

live a happy, care free life, though it

ing school.

a mile of us I opened fire upon her with my During that afternoon the Merrimac had been busy and had shown how little to attack the enemy. ruary 27 she left the navy yard for sea, capable were the wooden ships of the

> The increasing use of power commercial vehicles is shown in no way more strikingly than in the power coal wagons Here, for instance, is one of seven tons capacity, a big wagon. It is side discharging; standing, not projecting out into the street, but ranged close along the the Monitor could take up the action again held confined to the waters adjacent to curb, and, big as it is, occupying there but half the space that a wagon drawn by horses would take up. From time immemorial coal wagons,

may not encourage thrift. The schools horse drawn, have been seen moving are teaching them how to save. We have along the streets with the horses on a a Baptist mission on Wood Island, a mile walk, but the big power coal wagon and a half from Kodiak. Before the Government allowed a saloon on the moves twice as fast or faster: ponderous as it is, it moseys along steadily at six or island every man's house was his distilleight miles an hour. Thus the contrast ery. Drunken fights and murders were between it and its horse drawn predecessor is even stronger than that between sure automobile and the carriage has not been one-tenth of the drunkenhas not been one-tenth of the drunken-ness there was before. Race suicide is with some speed; and so the big power unknown; hardly a family has less than five children and sometimes there are twice that many.

Federal navy of resisting the assaults right within range of the Merrimac, con of that ironclad steam battery. She had rammed and sunk the Cumberland and storight of the start of the start

had forced the Congress to surrender. the Merrimac, and the contrast was that The frigate Minnesota escaped destruction of a pygmy to a giant. Gun after gun was at the same time only because the falling tide compelled the Confederate battery with whole broadsides from the rebels to withdraw toward her base at Norfolk with no more effect, apparently, than so many pebble stones thrown by a child. * The Merrimac finding that she could The wooden ships had fought so gal-lantly that they had succeeded in im-pairing the offensive powers of the Merri-her second approach 1 opened upon her mac, knocking off the muzzles of two with all of my broadside guns and ten inch of her guns and leaving her with but pivot a broadside which would have blown eight effective weapons to renew the con-test on the morrow. Besides that the world. $\bullet \bullet 1$ had concentrated upon the test on the morrow. steam hattery's ram had been sacrificed her an incessant fire from my gun deck,

steam battery's ram had been sacrified in sinking the Cumberland, and to that extent the Merrimack was far less for-midable. Such was the state of affairs when the Monitor reached Hampton Roads at 9 o'clock that evening and was By the time she had fired her third shell immediately despatched to assist the Minnesota, then aground near Newport she (Merrimac) grounded, and again I poured into her all the guns which could

The report of Capt. Van Brunt of the Minnesota tells of the situation in which be brought to bear upon her. As soon as his ship was at the time and of the state she got off she stood down the bay, the little battery (Monitor) chasing her with all speed, when suddenly the Merrimac turned around and ran full speed into her antagonist duty

For a moment I was anxious, but instantly saw a shot plunge into the iron roof of the Merrimack which surely must have damaged her. For some time after the rebels concentrated their whole battery upon the tower and pilot house of the Monitor, and soon after the latter stood down for Fortress Monroe, and we thought it probable she had exhausted her supply of ammunition or sustained some injury. Soon after the Merrimac and the two

other steamers headed for my ship and then felt to the fullest extent my condition. I was hard and immovably aground and they could take position under my stern and rake me. I had expended most of my solid stot and my ship was badly crippled and my officers and men were worn out with fatigue, but even then in this extreme dilemma 1 determined never to give up the ship. * * • On ascending he poop deck I observed that the enemy's vessels had changed their course and were

eading for Craney Island. When the Monitor drew away from the Merrimac at the time the Confederate blinded Lieutenant Worden, and before the pilot of the Merrimac, fearing the falling tide, had suggested the wisdom of her withdrawal.

Just how many projectiles the Merrihit the Federal craft twenty-two times, deck, and nine times against the turret. None of these blows, save the one that disabled Worden, did any material harm. The fight between the Monitor and the At a distance of only thirty yards a sixtythe iron two and a quarter inches and tecture.

in inadvertently tou plated walls at the moment of impact The Merrimac's shell projectiles broke up against the armor of the Monitor, although they were fired with a higher velocity than the solid shot of the latter's guns.

The Merrimac might have done more damage had she used solid shot, and the fire of Ericsson's battery might have been more effective if the eleven inch smooth bores had used a bigger charge, fifteen pounds of powder being expressly prescribed by the Navy Department, while it was afterward learned that twice as much could have been used without risk to the weapons. Had the Merrimac not rammed the Cumberland the day before her fight with the Monitor, thus losing her armored beak of cast iron, the little Federal battery might have been gravely hurt when the Merrimac tried to run her down. That was about the most critical moment in the whole action and the likeliest chance the Confederates had of sinking Worden's ship or putting it out of action.

Knowing the might of modern naval ordnance, it seems remarkable that those two vessels could fight at arm's length for four hours without seriously harming each other. The action served to show that neither ship was strong enough in attack to beat down the defences of the other, and they drew spart each un-

beaten and each incapable of beating her rival. In her work of protecting the Minnesota the Monitor was in effect a victor, and thereafter the Merrimao had a worthy foe with which to contend and one capable of standing successfully between the Confederate steam 'battery and the wooden ships of the Federa naval force.

Profiting by his fight with the Monitor. Lieut. Catesby Jones took the Merrimack back to Norfolk to dock her for repairs and to strengthen her so that she would be the better able to try conclusions later with the Monitor with a better chance of winning against Ericsson's production. In fact, the Merrimac was so modified and she did her best to entice the Monitor into a second combat, but the commande of the Federal vessel was not free to follow his own impulses, and the Monitor remained inactive so far as the Confederate steam battery was concerned.

That was strategy on the part of the ressels seemed to be about to return to Union authorities, which seemed to some attack the Minnesota it was because one critics at the time to bear the complexion against the pilot house and temporarily the only way by which the Federal fleet could be safeguarded and the Merrimao her base at Norfolk. Later when the Confederate military support of that base was forced to withdraw by reason

of the growing menace of the Union mac fired during her four hours battle army the Merrimack tried to pass up the with the Monitor is not known, but she James River to supplement the Confederate batteries there, but lack of water twice on the pilot house, eight times in prevented the carrying out of that move, the side armor, three times upon the iron and the steam battery was blown up by her own people to prevent her falling inte

Merrimao is memorable because it eight pounder rifled shell from the proved by the test of battle that wooden Merrimac hit the Monitor's turret at an ships were outclassed, and blazed the angle of ninety degrees, but only indented path to radical departures in naval archi-

stern guns and made signal to the Monitor She immediately ran down in my wake, THE BIG POWER COAL WAGON. and 120 pupils, including a manual train-Why It Is in Some Ways the Most Striking of All Automobile Vehicles.

Again all hands were called

March 9

tide compelled the Confederate battery

for the night.

"The people are somewhat socialistic. When I went there, if a man caught an otter, received \$150 for the skin and invested the money in food his neighbors would all come in and help him eat it up. The same idea prevails yet to some extent. Fish and clams are plentiful. Two men go out and in two hours will catch half a boatload of halibut or salmon enough to supply the town. On their return everybody in the village helps