



FIGURE: III-8 IDENTIFICATION: Mortar, Seacoast, 10-Inch, Model 1841-44, Iron. **REMARKS:** Mortars being emplaced at Butler's Cross Nest, Dutch Gap. Note clevis and bolt attached to mortar cars. **COMMON NAME:** 10-Inch Seacoast Mortar, Model 1841-44.

only two pieces in this category, the 10-inch, Model 1819 siege mortar (Fig. III-6), and the 10-inch, Model 1819 seacoast mortar (Fig. III-7).

The siege piece illustrated is in the U.S. Military Academy collection. A mate to it formerly was also at West Point, but now is on display at Fort Pulaski, Georgia. Markings, if any, on both these weapons are concealed and data on when and by whom they were made is not available. They are approximately 31.25 inches long with trunnion diameter of 8 inches. This length is considerably less than the 45.5-inch seacoast model, a difference quite evident in a comparison of the photographs which also show a somewhat different positioning of the trunnions.

The seacoast piece, at Fort Sumter, is reported to be the type which fired the first round of the war, an identification that appears to have been based more on availability of a mortar to exhibit than documentary evidence. Whether this was the first shot and who fired it is an argument outside the province of this book, so for the sake of brevity, the shell which burst over Sumter at 4:30 A.M. 12 April 1861 will be assumed to have opened the war, and who touched it off will be pointedly ignored. The piece that fired it, however, merits somewhat more consideration.

Unfortunately, both sides were far too busy shooting to bother noting such irrelevant information as types of weapons. Consequently, although reams

have been written about the event, accurate ordnance data is extremely sketchy. Based on the Official Records and various eyewitness accounts, there seems little doubt that the projectile was a shell and that it came from a 10-inch seacoast mortar battery at Fort Johnson. But what kind of seacoast mortar? Three types of 10-inch were used during the war although one, Model 1861, may be eliminated immediately as not being available in the area at this time. That leaves the Model 1819 and a 10-inch seacoast mortar which is termed Model 1844 by the Ordnance Manual of 1861. However, there is also a Model 1841 listed in the manual of that year which differs so little in appearance and statistics that for purposes of this book, the weapons will be considered one and called Model 1841-44.

No specimen has been found, but a number of Civil War photographs of the piece are available. Several pictures are of batteries in the Charleston harbor defenses and definitely establish this type as being used in the area. One even shows three of these mortars at Fort Johnson, but it is an 1865 view and hence of doubtful reliability regarding armament of the fort four years earlier. Unfortunately, quality of the Charleston photographs is not of the best, so for illustrative purposes, an 1864 shot of a federal battery being emplaced in Virginia (Fig. III-8) has been substituted.

The picture shows two 10-inch seacoast mor-

Artillery And Ammunition Of The Civil War

Dean S. Thomas



Artillery And Ammunition Of The Civil War:

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any raised in prior European wars Moreover Union and Confederate artillery included the largest number of rifled pieces fielded in any conflagration in the world up to that point Earl J Hess s Civil War Field Artillery is the first comprehensive general history of the artillery arm that supported infantry and cavalry in the conflict Based on deep and expansive research it serves as an exhaustive examination with abundant new interpretations that reenvision the Civil War s military Hess explores the major factors that affected artillerists and their work including the hardware the organization of artillery power relationships between artillery officers and other commanders and the influence of environmental factors on battlefield effectiveness He also examines the lives of artillerymen the use of artillery horses manpower replacement practices effects of the widespread construction of field fortifications on artillery performance and the problems of resupplying batteries in the field In one of his numerous reevaluations Hess suggests that the early war practice of dispersing guns and assigning them to infantry brigades or divisions did not inhibit the massing of artillery power on the battlefield and that the concentration system employed during the latter half of the conflict failed to produce a greater concentration of guns In another break with previous scholarship he shows that the efficacy of fuzes to explode long range ordnance proved a problem that neither side was able to resolve during the war Indeed cumulative data on the types of projectiles fired in battle show that commanders lessened their use of the new long range exploding ordnance due to bad fuzes and instead increased their use of solid shot the oldest artillery projectile in history

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