The CDSG Newsletter

☆✯☆ The Coast Defense Study Group, Inc. — February 2013 ☆✯☆

Chairman's Message

Chris Zeeman

Winter is one of my favorite times of year for forting. Here in the Northeast, the vegetation is bare and the weight of wet heavy snow often compresses the remains of the once lush undergrowth. At Fort Adams, we use this time of year to double our efforts on clearing. It gives us a chance to catch up and actually make some progress. We've been able to completely clear the outer works and extend our progress at the Advanced Redoubt due to our core group of hard-working volunteers.

Members of the CDSG have not been hibernating either. We have reached our funding goals on two CDSG Fund projects, the Fort Michie dock restoration and the movement of a 16" gun. In these troubled economic times, the members deserve a hearty "thank-you" for their generous efforts. As always, the Fund is looking for worthy projects to participate in - instructions for submitting projects can be found later in this document or online at http://cdsg.org/cdsgfund.htm.

One of the areas we still need help with is the CDSG Representative Program. If you are one of the fortunate CDSG members who live near a coastal fortification, please consider joining up. We need folks who can serve as our eyes and ears at the local level. Two of our most critical areas (New York City and Fort Monroe, Virginia) are currently without representation. Finally, I'd like to remind the members of our upcoming annual conference to be held in Pensacola, Florida, at the end of April. It may seem far off, but there is a hotel deadline of March 24th. I hope to meet you all there!

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Preservation Committee Report

2012 Year in Review

Fort Monroe continues to be a major point of interest and concern, but the situation at Gateway National Recreation Area has also become a major issue.

First, at Fort Monroe the Fort Monroe Authority (http://www.fmauthority.com/) is now fully in charge. The CDSG is working to get Batteries Parrott and Irwin included in the National Park Service boundaries, and secondarily to have at least the area between the shore and the parallel road (which includes all the concrete batteries) not already in the NPS boundaries to be protected from development. The CDSG will be following progress on this and looking to provide input when and where we are able.

At Gateway NRA, HD of Southern New York, two issues have arisen. First, they are developing a new general management plan. There are multiple proposed options which stress different aspects of the parks, however even the most history-friendly one considers most (though not all) of the concrete batteries as being in "ruins" areas. The CDSG is providing input on this to attempt to at least

CDSG Meeting and Tour Calendar
Please advise Terry McGovern of any additions or changes at tcmcgovern@att.net.

CDSG Annual Conference
April 24-28, 2013
Pensacola/Mobile
David Ogden, david_ogden@nps.gov

CDSG Special Tour
June 8 - 19, 2013
Norway
Terry McGovern, tcmcgovern@att.net

Proposed CDSG Special Tour
February 2014
Manila Bay, the Philippines
Andy Grant, wekagg@verizon.net

CDSG Annual Conference
October 2014
Los Angeles /San Diego HDs
Mike Fiorini, mrfiorini@comcast.net

CDSG Annual Conference
April 2015
Delaware River HD
Chris Zeeman, c_zeeman@hotmail.com

Proposed CDSG Special Tour
June 2015
Panama Canal Zone
Terry McGovern, tcmcgovern@att.net

Other Meetings and Tours

March 5-6, 2013
Fortress Study Group Forts at Risk Meeting
London, England
Bill Clements, bill_clements@btinternet.com

April 27, 2013
Fortress Study Group Members Day
London, England
Bill Clements, bill_clements@btinternet.com

May 3-5, 2013
CAMH Spring Conference
South Bohemia
Vladimir Kupka, kvh-prada@info.cz

May 8-12, 2013
INTERFEST e.V. Annual Conference
Villach, Austria
Florian Brouwers, brouwers@t-online.de

May 9-12, 2013
Association Vauban Annual Conference
Brest, France
Mary Pierdait Fillie, marie.pierdatfillie@laposte.net

May 17-24, 2013
Southern Ireland
Fortress Study Group Overseas Tour
Bill Clements, bill_clements@btinternet.com

May 31-June 1, 2013
Menno van Coehoorn Tour
Maastricht, the Netherlands
Frits van Horn, fritsvanhorn@hetnet.nl

June 1, 2013
Fortress Study Group Study Day
Fort Horstad & Fort Luton
Bill Clements, bill_clements@btinternet.com

June 5-9, 2013
Council on America's Military Past Annual Conference
Dayton, OH
Martin Gordon, martinkgordon@gmail.com

August 31 - September 8, 2013
Slovenia and Palmanova
ECCOFORT Reg. Association Tour
Hans-Rudolf Neuman, hrv.neumann@t-online.de

September 6-9, 2013
Southwest Wales
Fortress Study Group Annual Conference
Jonathon Berry, psgeditor@hotmail.com

September 2013
Zitadelle Spandau, Germany
Deutsche Gesellschaft für Festungsforschung Annual Meeting
Andreas Kupka, anja.reichert@uni-trier.de

September 19-22, 2013
Association Vauban Tour
Brest, France
Mary Pierdait Fillie, marie.pierdatfillie@laposte.net

October 18-19, 2013
Utrecht, the Netherlands
International Fortress Council Annual Meeting
Luc Fellay, lucfellay@bluewin.ch

October 2013
International Fortress Council Annual Meeting
Luc Fellay, lucfellay@bluewin.ch

November 9, 2013
CAMH Annual Conference
Prague, Czech Republic
Vladimir Kupka, kvh-prada@info.cz

February 2014
Sultanate of Oman
ICOFORT Germany Tour
Hans-Rudolf Neumann, hrv.neumann@t-online.de

May 2014
Eastern Pyrenees, Spain and France
Fortress Study Group Overseas Tour
Mike and Ann Brock, kjp22@supanet.com

August 30 - September 6, 2014
Pula & Croatia
ECCOFORT Reg. Association Tour
Hans-Rudolf Neuman, hrv.neumann@t-online.de

September 2014
East Anglia
Fortress Study Group Annual Conference

September 2014
Koln (Cologne)
Deutsche Gesellschaft für Festungsforschung Annual Meeting
Andreas Kupka, anja.reichert@uni-trier.de

October 2014
London
International Fortress Council Annual Meeting
Luc Fellay, lucfellay@bluewin.ch

May 2015
South Portugal
Fortress Study Group Overseas Tour
Charles Blackwood, casemate@fsgfort.com

August/September 2015
Verona, Italy
ECCOFORT Reg. Association Tour
Hans-Rudolf Neuman, hrv.neumann@t-online.de

remove the more significant batteries from that classification. Preempting this however, is the aftermath of Hurricane Sandy and the resulting damage, which was major. The CDSG has been asked to help with the assessment of the condition of some of the concrete batteries, but this is likely to be far down their list given some of the major damage suffered to the park infrastructures, particularly at Sandy Hook and Fort Tilden, that needs to be addressed before the parks can even be re-opened. The CDSG will be following the progress and status of these issues. Information about the General Management Plan can be found at http://www.nps.gov/gate/parkmgmt/gmp-2012.htm

In San Francisco, congratulations to all involved for saving one of the 16-inch gun barrels stored in Nevada that the navy was prepared to sell for scrap, and transporting it not just to the Fort Cronkhite cantonment area but up the hill to right outside Battery Townsley. Also, the Doyle Drive/Presidio Parkway project continues to move forward and will be starting Stage 2 this year - further information on this project can be found at http://www.presidioparkway.org/.

The Friends of Pulpit Rock Tower, HD of Portsmouth, have been continuing to raise money to cleanup and preserve the tower and also to ensure repairs to the exterior concrete necessary before the town can accept ownership. They have had some successful open houses this past year and hopefully more to come. Further information can be found at the Friend's website at http://www.friendsofpulpitrocktower.org/.

On the mixed side, the demolition of selected buildings at Fort Andrews, HD of Boston, has been completed, together with some stabilization and repair of those brick buildings that remain. I visited there this past August and my report and pictures are elsewhere in this issue.

On the negative side, drastic cuts in the Washington State Parks budget for this year and going forward means a very uncertain future for the coast artillery forts there. This has resulted in staff cuts and inability to repair decaying concrete, and may force park closures or transferring entire parks to a local authority.

If you have a preservation issue, or for further information on any of the items I've mentioned, contact Preservation Committee Chair Gordon Bliss at preservation@cdsg.org.

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CDSG Representative Report

Karl Fritz

With the winter weather upon us, we find not much new from the CDSG Representative Program. We are still plagued by a lack of people willing to maintain contact with their local fort(s), and keep the group informed about what is happening at them. It is hard for the CDSG to offer support, guidance, and information to the parks if we don't know what they need or what they're doing. Hurricane Sandy's impact covered several forts (particularly around New York City), but we have little word coming from the members about what damage there was, if any. There have been meetings and discussions about development involving Ft. DuPont, in Delaware, but have any CDSG members been keeping tabs on what plans are being considered? These are only a couple of examples demonstrating our need to have representatives to local forts that can keep the group abreast of what is happening out there. So please, take a moment to consider becoming a representative to a local fort; visit and talk to the staff there, and let us know how they're doing.

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Coast Defense Study Group Press Annual Update

Terrance McGovern, Chairman

2012 Reviewed

The CDSG Press only exists because of the volunteer efforts of its committee members. We need to thank all current the members of the CDSG Press - Mark Berhow, Terry McGovern, Jon Prostak, Tom Kavanagh, and Tom Batha for their long-term volunteer work for our organization.

We have added "Volume 26" (2012) of the *Coast Defense Journal* and *CDSG Newsletter* to our list of back issues for $55 in paper. Additionally, Mark Berhow has updated the entire *Journal/News* collection on a DVD, which represents over 10,000 pages of coast defense material for only $55. Once you purchase this DVD, *CDSG Publications 1985-2012*, you can buy yearly updates for only $10 upon the return of previous DVD. Mark has also added several electronic products (RCWs, Engineer Notes, Quartermaster records, and Annexes) under our CDSG ePress label in PDF format (see references page at our web site, "www.cdsg.org") for a price of $50 per DVD or $10 per CD. We also now offer a complete collection of all digital files for $250. These 10 DVD provide to you a collection of the key National Archives coast defense documents that rivals Bolling Smith's collection without all the paper. These are great reference items and will help you write articles for the *CD Journal* and other publications. We also added the conference notes from the "Defenses of the Great Lakes" to our list of past conferences/tours notes for $50 on one DVD's.

Here is a summary of reprint efforts to date: Our 2011 project, *Artillerists and Engineers* has sold 57 books on demand through Lulu.com, while we sold 59 hard copies (86%) to date out of a press run of 69. Our 2007 project, *Endicott-Taft Report* has sold 228 books/plates (53%) to date out of a press run of 427. Our 2004 project, *American Seacoast Defenses – 2nd Edition* (ASDII) has sold 485 books (96%) to date out of a press run of 503. Our 2001 reprint project, *American Coast Artillery Material* has sold 256 units (63%) to date out of 404 books printed. Our 1998 reprint book, *Permanent Fortification and Seacoast Defenses,* which covers the Third System of U.S. fortifications, has sold 195 units (57%) out of a press run of 344. Our 1997 reprint, *Service of Coast Artillery,* has sold 297 units (56%) out of 532 printed. Our 1996 reprint book, *Seacoast Artillery Weapons*, has sold 411 copies (100%) out of our press run of 411. We have sold a total of 347 copies (98%) of our 1994 reprint book, "Notes on Seacoast Fortification Construction", out of our total press run of 356.

As you can see from the paragraph above we have sold out of *Seacoast Artillery Weapons".* We plan to offer this book through an "online print on demand" service this year, but we do have a special 20 unit reserve of this book that we can draw upon to provide copies for the immediate future. We are also offering the 3rd Edition of *American Seacoast Defenses* in digital format (PDF) for $40 via FTP file transfer.

We have been donating our remaining stock of the 1st edition of the ASD to coast defense site owners to help educate them about our favorite subject. Please provide Terry McGovern the contact information for site owners that would benefit from having a copy of the ASD. You should also consider donating your own 1st edition (once you purchase the 2nd edition) to non-members to encourage them to join the CDSG.

2013 Plans

The CDSG Press has published our first "print on demand" book through Lulu.com, an internet provider of books, in 2011. By this method we do not need to pre-sell the book to insure we have enough funds to cover about half of the print run. Members (and the general public) can order through Lulu's website using a credit card and the book will be printed and delivered in a few weeks. Artillerist and Engineers: The Beginnings of American Seacoast Fortifications, 1794-1815 by Col. Arthur Wade is doctorial desertion covering the development of the 1st and 2nd coastal fortification systems during the early days of the United States. Our experience with "print on demand" will lead to other such titles. Please purchase a copy.

The CDSG Press is working on *Guide to Modern American Seacoast Forts (1885-1950),* a companion volume to *American Seacoast Defenses*. This work (ASF) will focus on the history, key features, location, and the current status/access of each American coast defense fort (using site maps and old & current aerial photos). The book will also include an introduction, battery listing, and sources. Terry McGovern is assembling this work with Mark Berhow providing his excellent layout skills. Once we finish the 1st draft, we will be circulating it to various regional CDSG members for their review and comments. Please contact Terry McGovern at tcmcgovern@att.net if you have information about your local fort or forts that you want to include and/or if you would like to review the manuscript.

We planning to publish a paper-copy version the 3rd Edition of *American Seacoast Defenses* at the same time we offer the *Guide to Modern American Seacoast Forts (1885-1950)*. We have sold over 95% of our stocks of this excellent reference guide. Mark has been updating and expanding the range of coast defense information for the 3rd Edition (it is now available in digital form). By offering both ASD and ASF at the same time we can reduce production and shipping costs and you will have the most up to date information on your favorite subject.

Several proposals have been offered for future new CDSG Press projects. One such proposal is a collection of rare ordnance photographs and drawings from the archives of the Aberdeen Proving Grounds. This publication would be professionally printed and bound which will allow for high quality grey scale and/or color illustrations (not currently possible in the *Coast Defense Journal*). Another proposal is a "then and now" photograph book of various U.S. forts, with a goal of promoting the preservation of these rare sites. We ask our membership to keep offering new ideas for the CDSG Press.

We plan to add "Volume 27" (2013) of the *Coast Defense Journal* and *CDSG Newsletter* to our list of back issues for $55. While the CDSG Press does not print new works on coast defenses authored by our members at this time, the Redoubt Press will publish such works. Please contact Terry McGovern at tcmcgovern@att.net or 703/934-3661 (work) if you have a title that you would like to be considered.

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CDSG Fund Report 2012

Terrance McGovern

The CDSG Fund supports the efforts of the Coast Defense Study Group, Inc., by raising funds for the preservation and interpretation of American seacoast defenses. The CDSG Fund is seeking donations for preservation projects supporting these goals. Donations are tax-deductible for federal tax purposes as the CDSG is a 501(c)(3) organization, and 100% of your gift will go to project grants. Major contributions are acknowledged annually. Make checks or money orders payable in US funds, to: Coast Defense Study Group Fund or the CDSG Fund. The trustees for the fund are Terry McGovern, Mark Berhow, and Alan Hardey.

The Fund is always seeking proposals for the monetary support of preservation and interpretation projects at public parks and museums. A one-page proposal briefly describing the site, the organization doing the work, and the proposed work or outcome should be sent to the address below. Successful proposals are usually distinct projects rather than general requests for donations. Ideally we desire to fund several $500 to $1,500 grants per year. Upon conclusion of a project a short report suitable for publication in the newsletter is requested.

During 2012 the CDSG Fund was pleased to provide a gift of $1,500 to the Eastern Shore of Virginia National Wildlife Refuge (USFWS) to help them pay for the final steps in moving and mounting a historic 16-inch/50 Mark 7 barrel at Cape Charles, the former site of Fort John Custis, VA. The Fund challenged our membership to match this gift, and the membership has responded with donations totaling $1,400 to date. We sent a total of $2,900 to the USFWS to mount this historic gun in Battery Winslow's gun house. We are still accepting donations from members for this important project. The Fund also followed up on its 2008 gift toward the reconstruction of the only dock on Great Gull Island (Fort Michie) to insure that visitors could land on the island to visit the fortifications. Due to Hurricane Sandy the new dock was damaged and Helen Hayes and Museum of Natural History need funds to repair this important docking facility. So far our members have contributed $925 toward these repairs.

The Fund again recognized the efforts of CDSG volunteers by hosting a dinner at the annual conference in Kingston, Ontario. We also continued a program to supply public fort sites with copies of our publications to aid their understanding and preservation of the structures in their care.

The CDSG Fund received $4,178 in gifts during 2012 while making $3,825 in grants, leaving the Fund with a balance of $7,638 at the end of 2012. The Fund trustees and Board of Directors wish to publicly thank the following individuals for their contributions to the Fund during the 2012 calendar year:

Appel, David	Bogart, Charles
Batha, Tom	Creedon, Robert
Berhow, Mark	Dow, Charles

Fanciullo, Stephen
Fiorini, Michael
Floyd, Dale
Hardey, Alan
Hawkins, James
Holder, Alex
Levis, Gregory
Loomer, Scott
McDaniel, Nancy
McGovern, Terrence
Prospect, David
Scanlon, Gene
Scarpulla, Norm
Seeger, Mark
Shepherd, John
Sitka Trail Works
Sledge, John
Smith, Bolling
Walters, Douglas

Send grant requests to:

The CDSG Fund
c/o Alan Hardey
1577 Braeburn Road
Altadena, CA 91001-2603 USA

Send donations to:

The CDSG Fund
c/o Terry McGovern
1700 Oak Lane
McLean, VA 22101-3326

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The 2013 CDSG Conference and the Challenge of Batteries Cullum-Sevier

David P. Ogden

An unusual challenge and opportunity awaits members attending the 2013 conference in Pensacola, being hosted by Gulf Islands National Seashore. Since the creation of the seashore in 1971, the National Park Service has spent millions preserving the Third System Forts Massachusetts, Pickens, Barrancas, and Advanced Redoubt. However, the numerous seacoast defense batteries at Forts Pickens and McRee ranging from the Endicott era through World War Two have received considerably less attention. In particular, the large complex known as Batteries Cullum-Sevier at Fort Pickens has been fenced off for decades as NPS resources addressed other pressing issues, including critically-endangered species, recovery from several major hurricanes, and the Deepwater Horizon oil spill. Now the time has come for Batteries Cullum-Sevier.

This complex, originally constructed as a four-gun, 10-inch disappearing gun battery underwent many changes during its 50-year career. Modifications included changing ammunition delivery mechanisms, gun-platform extensions, an additional BCS for Battery Sevier, and finally the transfer of 3-inch Battery

Trueman to old Cullum and construction of the harbor entrance signal station on Battery Sevier. In recent years deterioration has accelerated, no doubt helped along by being flooded with saltwater during Hurricane Ivan in 2004. The park is now looking to address this issue and is seeking assistance from the CDSG.

As interested parties and subject matter experts, CDSG members are being asked to bring what they know about this and any similar complexes into the planning process. We all know money is in short supply, and some hard choices may have to be taken. Some areas have collapsed, and all metal is heavily rusted. Not everything can be saved, but what is most significant? Can you add to the information the NPS already has on this battery's history and significance? How should the NPS proceed? We will spend time at the conference seeking your knowledge of fortification construction, what other sites have done to preserve their batteries, and what solutions you may have for Batteries Cullum-Sevier. We hope you are all attending the conference, but if not please send me your input.

David P. Ogden
Park Ranger/Historian
Gulf Islands National Seashore
850-934-2633
david_ogden@nps.gov

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National Park Committee Faces Increased Urgency to Restore Sandy Hook's Historic Fort Hancock

By MaryAnn Spoto/*The Star-Ledger*
The Star-Ledger on January 23, 2013 at 5:22 PM,
updated January 23, 2013 at 6:26 PM

SANDY HOOK — After a decade of stalled rehabilitation efforts and further damage from Hurricane Sandy, the future of Sandy Hook's 32 deteriorated historic buildings at Fort Hancock is coming under urgent scrutiny.

The National Park Service today convened its first meeting of a committee to decide what to do with the buildings in light of the lack of federal funding to restore the brick structures that have stood for a century.

Gateway National Recreation Area Superintendent Linda Canzanelli predicted a dire future for the buildings if the committee, which has a two-year appointment, isn't speedy in its recommendations.

"The buildings are running out of time. This is our last best chance to save Fort Hancock," Canzanelli told the 20-member Fort Hancock 21st Century Advisory Committee.

Sandy Hook, badly damaged by Hurricane Sandy, remains closed to the public while the National Park Service continues to clear sand from the parking lots and restore the water, sewer and electric systems that were flooded out.

Gateway National Recreation Area, which includes Sandy Hook and national parks in New York, sustained $180 million in damages, but that figure could increase as crews continue to assess the destruction, Canzanelli said. No separate figure is available yet for Sandy Hook.

Deputy Superintendent Peter McCarthy said he hopes to have parts of the park, which is visited by more than 2 million people each year, open by May but noted the extent of repairs are contingent on the Senate passing a $50 billion hurricane aid package for the region possibly later this week.

The buildings at Fort Hancock, at the northern tip of the 7-mile long peninsula in northern Monmouth County, were the subject of lease-agreement nearly a decade ago with a development group, Sandy Hook Partners, but the deal was not completed because of questions about the developer's financial stability and a resulting court battle over the National Park Service's attempt to privatize public property without input from the public. Critics complained the Park Service unilaterally decided what to do with the buildings without any input from the public.

After several extensions of the contract, the Park Service finally terminated the lease with Sandy Hook Partners in 2009.

Taking a lesson from that experience, Canzanelli said the Park Service decided to put the issue to a committee and to allow public input throughout the process. The members include representatives from the U.S. Army, the Monmouth County freeholder board, the business community and others.

In the audience was James Wassel, former president of Sandy Hook Parnters, who said he will not pursue a lease agreement but offered his expertise to members. He said public-private partnerships with the federal government are "very difficult."

"(For) 10 years I tried to make this work," he said.

Paul Klco of Mount Laurel, a tour guide at Fort Hancock, said Sandy Hook is the only National Park that has military arsenal used along coastlines from 1898 to 1974 "from its beginning to its end."

William Jackson, a former soldier on Sandy Hook's NIKE missile base, said he now serves as a tour guide because "I fell in love with Fort Hancock."

"To me, Sandy Hook has always been a jewel," he told committee members. "You now have the charge of that jewel in your hands."

The buildings sustained varying degrees of damage from Hurricane Sandy, but most of it was limited to flooded basements — where the heating, air conditioning and electric services were located — and collapsed wooden porches.

Canzanelli said committee members will have to consider whether potential tenants will want to move into buildings that need such extensive restoration and could be subject again to hurricanes or bad storms.

She said options for the buildings' future range from razing some or all of them to leasing them for services that are consistent with the mission of the park, including business opportunities and private housing.

"If we don't move quickly, make decisions quickly and act quickly, it may be too late for Fort Hancock," she said.

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Fortress Study Group Update

The latest issue of *Fort: the International Journal of Fortifications and Military Architecture,* the FSG yearly journal publication was mailed out in December. This issue is listed as Volume 40 and dated 2012, which indicates that the FSG's slow process of bringing out delinquent back issues and keeping up to date on this publication is nearly completed.

This issue was of particular interest as it focuses on presentations from the first "Fortifications at Risk" symposium held in March 2011. Brief outlines of all the talks were published in FSG's companion publication *Casemate* (Issue 91, May 2011). Edited transcripts of five of the talks are published in this issue of *Fort.* As usual the production values of the publication are excellent - a magazine format with color photographs throughout the 112 pages. The articles are well written and insightful, giving both overviews of the state of historic fortification preservation in Europe and beyond, as well as some success stories and plans for the future. The issue gives a nice perspective on the challenges facing historic fortifications today -- dwindling resources and soaring costs of maintenance, restoration, and renovation, counterbalanced by increased governmental and public awareness and interest in fortification history.

The contents include articles by Marcus Binney (Fortifications: Finding New Uses and New Resources); Marcin Gorski (Preservation Maintenance of the Modlin Fortifications - a Report from a Besieged Fortress and Protection and Reintegration of Warsaw Fortress in the Context of Intensive Urban Development); John Schofield (Reflections on Monuments of War); Manus Deery (Ebrington Barracks: Identifying Value and Realizing Potential);

Jose Vicente Valdenebro Garcia (The Fortifications of Pamplona: a Plan to Promote and Preserve); Victor Smith and others (The 16th-20th Century Defenses of the Lower Thames); Geoffrey Stell (Success and Failure in Orkney); John Harris (Citadela de Cascais); plus an editorial on the meeting, some book reviews, and some further thoughts. All in all, a most satisfying volume to read.

The latest issue of *Casemate* arrived in January, a 50-page issue containing membership news, a series of trip reports, and fort news updates including features on the Spice Island fortifications, fortifications along the Pyrenees (a future FSG study tour), a report on the past FSG conference at Falmouth, and a visit to the defenses of Newark-upon-Trent. Also included in this issue were the reviews of over 30 books, publications, and DVDs.

If you have an interest in European and world fortifications, the FSG may be your best source of current information in the English language.

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Update on CDSG Fund Projects

Moving 16-inch/50 Mark 7 Barrel to Battery Winslow and Hurricane Repairs to the Dock at Great Gull Island

Terrance McGovern

In the November 2012 CDSG *Newsletter*, the CDSG membership was challenged to donate funds to match the $1,500 donation from the CDSG Fund to Eastern Shore of Virginia National Wildlife Refuge (USFWS) to help them pay for the final stage of moving and mounting a historic 16-inch/50 Mk 7 barrel in Battery Winslow at Cape Charles, VA, the former site of Fort John Custis. CDSG members were also asked to donate via the CDSG Fund to help Helen Hays and the Museum of Natural History to repair the vital dock on Great Gull Island (formerly Fort Michie) that was destroyed by Hurricane Sandy. Fort Michie is the site of several coast artillery batteries; including unique Battery Davis, with its large emplacement for a 16-inch disappearing gun. CDSG Fund is happy to report that our members responded to the challenge for these two projects. Our members have donated so far $1,400 for the 16-inch/50 barrel project at Cape Charles, while our members have donated $925 to help repair the dock on Great Gull Island.

We have sent the combined $2,900 to the USFWS at Cape Charles toward their goal of $30,000 to move and mount the barrel in Battery Winslow. We have also sent the $925 to Helen and Museum for the dock repair. We are still accepting donations from CDSG members for both of these projects. Having a 16-inch barrel in the gun house will allow visitors to have a better understanding of the function of these massive structures. Your donation can make this happen. Remember your gift is the CDSG Fund is tax-deductible for federal tax purposes and 100% of your gift will go to the USFWS 16-inch/50 Project (please indicate this purpose on your check). If you want to donate to help repair the dock on Great Gull Island, please mark you check for this project. Please send your check made payable to the CDSG Fund as soon as possible as USFWS has lined up donations in kind to move the barrel now but the lack the cash portion required to move the barrel, while access to Great Gull Island is greatly restricted until they can repair the dock. Your

16-inch/50 Mark 7 (Gun No. 393) at Cape Charles, VA, rail yard awaiting more funding to make its way to the refuge – Photo from Norm Scarpulla

The five remaining 16-inch/50 Mark 7 barrels at St. Juliens Creek Naval Annex waiting for a new home. In the foreground is where the three USS **Missouri** barrels once sat for 60 years – Photo by Terry McGovern

Damaged dock on Great Gull Island, November 11 – Photo from Matthew Male

Battery J.M.K. Davis, Fort Michie, with its 16-inch disappearing gun in the 1930's

check should be mailed to Alan Hardey at 1577 Braeburn Road, Altadena, CA 91001-2603.

Still looking for homes for barrels

We continue the task of finding good homes for the remaining five barrels (four off the USS *New Jersey* and one off the USS *Iowa*), but it is difficult as many of most likely candidates have already declined to take on the financial and organizational effort to move a 16-inch/50 barrel to their site. There is a possibility that a US Air Force fuze-testing project will require three barrels, but that will still leave two barrels to save. One possibility we are trying to develop with the State of Virginia is First Landing site at Cape Henry, VA (near the former Battery Ketchum at Fort Story). We need your help to find good homes for these remaining barrels as the US Navy is only holding these barrels on a month-to-month basis. They could be auctioned off or scrapped with 30 day notice. We are also now looking for a good home for four 8-inch Mk 14 guns. These barrels are located in Suffield Alberta where they were used in experimental testing. These last remaining 8-inch Mk 14 guns are going to be scrapped soon if nobody takes an interest in them, as the Canadian Armed Forces has an active project to dispose of these items. These guns armed two early aircraft carriers as well as many of the 1920s to 1930s treaty cruisers. Please let Terry McGovern, at 703/934-3661 or tcmcgovern@att.net, know if you have a good home in mind for these 16-inch/50 barrels or 8-inch Mark 14 barrels.

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Current State of Fort Andrews Harbor Defenses of Boston

Gordon Bliss

This past August I made it out to Peddocks Island to see what Fort Andrews looked like now that the demolition is finished and stabilization has been largely completed. The guardhouse is now open as a visitor's center and has full utilities. The main room has exhibits and a space set up in the rear can be used for meetings, etc.

Guardhouse. The storehouse behind was temporarily fenced off.

Main interior room in guardhouse

Open space in back part of guardhouse

Coming up the main parade ground area, the first thing you notice is that there are only two remaining barracks and the post headquarters has been reduced to its foundations.

Location of demolished barracks on the right

The foundation on the left was the post headquarters.

All of the remaining brick buildings have been cleaned up to some degree, the openings all sealed with wood, and the roofs repaired or patched. The only remaining wooden building, the post chapel, does not look like much work has been done on it, but the plan has been to fix it up and use it for special events, weddings, etc. All other wooden buildings are gone.

Post chapel

Fire station and bakery – with barracks to the right

Post exchange and gym

The rapid-fire gun batteries on the hill have not been touched and are once again starting to be overtaken by vegetation. The nearby brick fire control structure was being cleaned and sealed like the other brick buildings. The area behind Batteries McCook and Bumpus and between them and the aforementioned fire control building has been largely cleared and is being made into a yurt camp.

Battery McCook

Fire control structure

Yurt camp location

The mortar batteries have also been basically left untouched except that some of the stuff that I seem to recall having been dumped in the pits has been removed and they are cleaner now.

Battery Whitman

Interior pit of Battery Whitman

The large brick storehouse on this side of the island is still there, as is one other brick building. Of the row of quarters, only four brick ones are left. All others plus the hospital have been demolished and the area grassed. In a number of cases, the outlines of the foundations, flush with the ground, are still there. A worker told me the area was to be used as a campground.

Large storehouse

Two quarters near the hospital site

Hospital site

Visible foundation outlines. Also, the sidewalk at the rear of the quarters is still present, as can be seen below.

View from Hospital steward's quarters towards hospital site.

Overall, the demolished structures were in very poor condition and for the most part, not likely to be saved without enormous expense. I personally would have tried to make an exception for the post headquarters building, but I do not have the information on the circumstances of that particular building and why the foundations were left. The remaining brick buildings look to have been sealed well enough to protect them from water leakage and further deterioration. Now one can hope that the battery structures can be cleaned up as well. I will advise of any changes in the situation in future Preservation Reports in the Newsletter.

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2013 CDSG Annual Business Meeting

The 2013 CDSG Annual Business Meeting will be held on April 26, 2013 at the Angus Steakhouse, 1101 Scenic Hwy. Pensacola, FL starting at approximately 7 PM.

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A List of Harbor Defense Fort Articles from Past CDSG Publications

Mark Berhow

Besides the CDSG ePress PDF documentation collection – Reports of Completed Batteries (RCBs), Reports of Completed Works (RCWs), the Engineer Notebooks (EN), confidential blueprint map series (Maps), Signal Corps aerial photos of the 1920s-1930s (AP), Quartermaster building records (QM), and the annexes to the harbor defense projects of the 1930s and 1940s (Annex) - the CDSG has also published a number of articles and book reviews in its publications over the years that cover either specific forts or complete harbor defenses. I have put together a summary list that covers the modern-era forts (1900-1950).

For each harbor defense, the forts/camps/military reservations that had the major armament are listed, along with any associated park visitors centers or museums. Each entry has, in abbreviated form, a listing of the documentation available from the CDSG ePress, followed by a list of articles and books that cover either the harbor defense as a whole or a specific fort in those defenses. The list includes Bob Zink's Forts of Wherever series (a summary listing of all the major and minor locations), and Bill Gaines' various harbor defense histories.

Harbor Defenses of Portland/Kennebec

Forts: Baldwin, McKinley, Lyon, Preble, Williams, and Levett; Peaks Island MR, Jewell Island MR, Cape Elizabeth MR.
Visitors Centers/Museums: Fort Williams State Park
CDSG ePress: RCB, RCW (partial), Maps, EN, QM, Annex, AP
CDSG Publications:

Zink, Robert D. "The Forts of 'Wherever' #1. The Seacoast Defenses from Passamaquoddy Bay (Northeast Tip of Maine) to the Forts along the Kennebec River, including Fort Baldwin." *CDSG News* Vol. 3, No. 1, Nov. 1988. P. 3

Zink, Robert D. "The Forts of 'Wherever' #2. Portland, ME, Defenses Southward to the North Limits of the Defenses of Portsmouth, NH." *CDSG News* Vol. 3, No. 2, Feb. 1989 P. 9

Gaines, William C. "The Seacoast Defenses of Portland, Maine, 1605-1946, Part I, Portland's Initial Defenses." *CD Journal* Vol. 25, No. 1, Feb. 2011, p. 37

Gaines, William C. "The Seacoast Defenses of Portland, Maine, 1605-1946, Part II, Modern Batteries." *CD Journal* Vol. 25, No. 2, May 2011, p. 15

Gaines, William C. "The Seacoast Defenses of Portland, Maine, 1605-1946, Part III, 1905-1939." *CD Journal* Vol. 25, No. 3, Aug. 2011, p. 4.

Gaines, William C. "The Seacoast Defenses of Portland, Maine, 1605-1946, Part IV, 1940-1950." *CD Journal* Vol. 25, No. 4, Nov. 2011, p. 42.

Harbor Defenses of Portsmouth

Forts: Constitution, Foster, Stark, Constitution, and Dearborn.
Visitors Centers/Museums: Odiorne Point State Park
CDSG ePress: RCB, RCW, Maps, Annex, EN, QM
CDSG Articles:

Zink, Robert D. "The Forts of 'Wherever' #3. The Seacoast Defenses of Portsmouth, Some Northern Points of Massachusetts and the North Part of the Defenses of Boston." *CDSG News* Vol. 3, No. 3, May 1989, p. 7.

Thompson, Kenneth E. Jr. "The Forts of Wherever: Additional Information on #3." *CDSG News* Vol. 5, No. 1, Feb 1991, p. 34

Harbor Defenses of Boston

Forts: Andrews, Revere, Duval, Warren, Standish, Strong, Dearborn, Banks, Heath, Ruckman, and Dawes; 4th Cliff MR, East Point MR, Outer Brewster Island MR.
Visitors Centers/Museums: Georges Island (Fort Warren) Boston Islands National Recreation Area
CDSG ePress: RCB, RCW, Maps, EN, QM, Annex, AP.
CDSG Publications:

Zink, Robert D. "Forts of Wherever #4. U.S. Seacoast Fortification Sites in Massachusetts South of Salem to Buzzards Bay, Mostly of the Defenses of Boston." *CDSG News* Vol. 3, No. 4, Aug. 1989, p. 26

Harbor Defenses of New Bedford

Forts: Rodman; Mishaum Point MR
Parks/Museums: Fort Rodman Military Museum
CDSG ePress: RCB, RCW, Maps, EN, QM, Annex
CDSG Publications:

Zink, Robert D. "The Forts of 'Wherever' #5. The Coast Defenses of New Bedford and the Buzzards Bay Canal." *CDSG News* Vol. 3, No. 5, Nov. 1989, p. 22.

Harbor Defenses of Narragansett Bay

Forts: Adams, Wetherill, Greble, Getty, Burnside, Kearney, Church, and Greene; Cp Varnum.
Visitors Centers/Museums: Fort Adams State Park
CDSG ePress: RCB, RCW, EN, Maps, QM, Annex, AP
CDSG Publications:

Zink, Robert D. "The Coast Defenses of Narragansett Bay and Newport." *CDSG News* Vol. 4, No. 1, Feb. 1990, p. 24

Holder, Alex. "Forts of Wherever - Correction to Narragansett Bay and Newport *CDSG News*: February, 1990." *CDSG News* Vol. 5, No. 3, Aug. 1991, p. 42.

Harbor Defenses of Long Island Sound

Forts: H.G. Wright, Terry, Michie, Tyler, and Mansfield; Camp Hero.
Visitors Centers/Museums: Montauk Point State Park
CDSG ePress: RCB, RCW, EN, Maps, QM, Annex, AP
CDSG Publications:

Zink, Robert D. "The Forts of Wherever #7. The Seacoast Defenses of Connecticut and of Long Island Sound." *CDSG News* Vol. 4, No. 2, May 1990, p. 8.

Harbor Defenses of Eastern New York

Forts: Totten, Schuyler, and Slocum.
Visitors Centers/Museums:
CDSG ePress: RCB, RCW, EN, Maps, QM, AP
CDSG Publications:

Zink, Robert D. "The Forts of Wherever #8 - the Seacoast Defenses of New York Harbor and of the Upper Hudson River." *CDSG News* Vol. 4, No. 3, Aug. 1990, p. 52

Dorrance, William H. "History of Fort Slocum (Davids Island Military Reservation)." *CDSG Journal* Vol. 10, No. 4, Nov. 1996, p. 49

Gaines, William C. "Fort Schuyler and the Defenses of the Eastern Approaches to New York Harbor: a Historic Resource Study." *CDSG Journal* Vol. 10, No. 4, Nov. 1996, p. 56

Gaines, William C. "Fort Totten and the Coastal Defenses of Eastern New York." *CDSG Journal* Vol. 11, No. 1, Feb. 1997, p. 41

Harbor Defenses of Southern New York

Forts: Hancock, Wadsworth, Hamilton, and Tilden; Navesink MR
Visitors Centers/Museums: Fort Wadsworth Visitors Center, Sandy Hook Visitors Center, Fort Tilden Visitors Center, all in Gateway National Recreation Area.
CDSG ePress: RCB, RCW, EN, Maps, QM, Annex, AP
CDSG Publications:

Zink, Robert D. "The Forts of Wherever #8 - the Seacoast Defenses of New York Harbor and of the Upper Hudson River." *CDSG News* Vol. 4, No. 3, Aug. 1990, p. 52.

Gaines, William C. "The Inner Harbor Fortifications of New York." *CD Journal* Vol. 20, No. 4, Nov. 2006, p. 4

Gaines, William C. "Defending the Narrows: The Harbor Defenses of Southern New York - Part I, The Muzzleloading Era, 1890-1950." *CD Journal* Vol. 22, No. 4, Nov. 2008, p. 4

Gaines, William C. "Defending the Narrows: The Harbor Defenses of Southern New York - Part II, The Breechloading Era, 1890-1950." *CD Journal* Vol. 23, No. 1, Feb. 2009, p. 4

Harbor Defenses of Delaware Bay

Forts: Delaware, DuPont, Mott, Saulsbury, and Miles; Cape May MR
Visitors Centers/Museums: Fort Delaware State Park, Fort Mott State Park, Cape Henlopen State Park.
CDSG ePress: RCB, RCW, EN, Maps, QM, Annex, AP
CDSG Publications:

Zink, Robert D. "The Forts of Wherever #9. The Seacoast Defenses of Philadelphia, the Delaware River and Delaware Bay." *CDSG News* Vol. 4, No. 4, Nov. 1990, p. 53.

Gaines, William C. "The Maritime Defenses of the Delaware, 1771-1950, Part I." *CDSG Journal* Vol. 9, No. 4, Nov. 1995 p. 4;

Gaines, William C. "The Maritime Defenses of the Delaware, 1771-1950, Part II." *CDSG Journal* Vol. 10, No. 1, Feb. 1996, p. 35.

Gaines, William C. "The Coastal and Harbor Defenses of the Delaware, Part III." *CDSG Journal* Vol. 10, No. 2, May 1996, p. 11.

Gaines, William C. "The Maritime Defenses of the Delaware, 1771-1950, Part IV." *CDSG Journal* Vol. 10, No. 3, Aug. 1996, p. 4.

Harbor Defenses of Baltimore

Forts: Howard, Carroll, Armistead, and Smallwood.
Visitors Centers/Museums:
CDSG ePress: RCB, RCW, EN, Maps, QM, AP
CDSG Publications:
Zink, Robert D. "Forts of Wherever #12. Annapolis, Baltimore, and the Potomac River." *CDSG News* Vol. 5, No. 3, Aug. 1991, p. 38.

Harbor Defenses of Potomac River

Forts: Washington and Hunt.
Visitors Centers/Museums: Fort Washington Visitors Center, National Capital Parks
CDSG ePress: RCB, RCW, EN, Maps, QM, AP
CDSG Publications:
Zink, Robert D. "Forts of Wherever #12, Annapolis, Baltimore, and the Potomac River." *CDSG News* Vol. 5, No. 3, Aug. 1991, p. 38

Harbor Defenses of Chesapeake Bay

Forts: Monroe, Wool, Story, and John Custis; Fishermans Island MR.
Visitors Centers/Museums: Casemate Museum, Fort Monroe National Monument
CDSG ePress: RCB, RCW, EN, Maps, QM, Annex, AP
CDSG Publications:
Zink, Robert D. "The Forts of Wherever #13. James River & Norfolk Hampton Roads - Chesapeake Bay Defenses." *CDSG News* Vol. 5, No. 4, Nov. 1991, p. 48.

Harbor Defenses of Cape Fear River

Forts: Caswell.
CDSG ePress: RCB, RCW, EN, Maps, QM
CDSG Publications:
Zink, Robert D. "Forts of Wherever #14. North & South Carolina." *CDSG News* Vol. 6, No. 2, May 1992, p. 52

Gaines, William C. "Defending the Cape Fear River, North Carolina, 1803-1945." *CDSG Journal* Vol. 11, No. 4, Nov. 1997, p. 15

Harbor Defenses of Charleston

Forts: Moultrie and Sumter; Marshall MR.
Visitors Centers/Museums: Fort Moultrie Visitors Center, Fort Sumter National Monument
CDSG ePress: RCB, RCW, EN, Maps, QM, Annex, AP
CDSG Publications:
Zink, Robert D. "Forts of Wherever #14. North & South Carolina." *CDSG News* Vol. 6, No. 2, May 1992, p. 52

Gaines, William C. "A History of the Modern Coastal Defenses of Charleston, South Carolina, Part I 1894-1939." *CDSG Journal* Vol. 12, No. 3, Aug. 1998, p. 55

Gaines, William C. "A History of the Modern Coastal Defenses of Charleston, South Carolina, Part II: The Harbor Defenses of Charleston in World War II." *CDSG Journal* Vol. 12, No. 4, Nov. 1998, p. 35.

Harbor Defenses of Port Royal Sound

Forts: Fremont.
CDSG ePress: Maps, EN, QM
CDSG Publications:
Zink, Robert D. "Forts of Wherever #14 - North & South Carolina." *CDSG News* Vol. 6, No. 2, May 1992, p. 52

Manuel, Dale A. "Fort Fremont and the Defenses of Port Royal Sound, South Carolina." *CD Journal* Vol. 16, No. 4, Nov. 2002, p. 29

Harbor Defenses of Savannah

Forts: Screven.
Visitors Centers/Museums: Tybee Island Museum
CDSG ePress: RCB, RCW, Maps, EN, QM, AP
CDSG Publications:
Zink, Robert D. "Forts of Wherever - Georgia & Atlantic Coast of Florida." *CDSG News* Vol. 6, No. 3, Aug. 1992, p. 59.

Gaines, William C. "Fort Screven: the Modern System of Defense at Savannah 1886-1946." *CDSG Journal* Vol. 11, No. 3, Aug. 1997, p. 30.

Harbor Defenses of Key West

Forts: Taylor
Visitors Centers/Museums: Fort Taylor State Park.
CDSG ePress: RCB, RCW, Maps, EN, QM, AP, Annex
CDSG Publications:
Zink, Robert D. "Forts of Wherever #17. U.S. Gulf Coast, Part I, Key West through Mobile Bay." *CDSG News* Vol. 6, No. 4, Nov. 1992, p. 59.

Gaines, William C. "The Coastal and Harbor Defenses of Key West." *CDSG Journal* Vol. 7, No. 3, Nov. 1993, p. 21.

Harbor Defenses of Tampa Bay

Forts: Dade and DeSoto.
Visitors Centers/Museums: Fort DeSoto County Park
CDSG ePress: RCB, RCW, Maps, QM
CDSG Publications:
Zink, Robert D. "Forts of Wherever #17. U.S. Gulf Coast, Part I, Key West through Mobile Bay." *CDSG News* Vol. 6, No. 4, Nov. 1992, p. 59.

McCall, Bruce E. "Coastal Defense of Tampa Bay." *CDSG Journal* Vol. 10, No. 3, Aug. 1996, p. 52.

Gaines, William C. "The World War II Temporary Harbor Defenses of Tampa 1942-1944." *CD Journal* Vol. 17, No. 1, Feb. 2003, p. 74.

Harbor Defenses of Pensacola
Forts: Pickens, McRee, and Barrancas.
Visitors Centers/Museums: Fort Pickens Visitors Center, Fort Barrancas Visitors Center, Gulf Shores National Seashore
CDSG ePress: RCB, RCW, EN, Maps, QM, AP, Annex
CDSG Publications:
Zink, Robert D. "Forts of Wherever #17 - U.S. Gulf Coast, Part I, Key West Through Mobile Bay." *CDSG News* Vol. 6, No. 4, Nov. 1992 P. 59

Gaines, William C. "The Coast Artillery at Pensacola Bay 1898-1946." *CDSG Journal* Vol. 8, No. 1, Feb. 1994 p. 19

Gaines, William C. "Temporary Harbor Defenses in the Southern Defense Command: 1942-1944." *CD Journal* Vol. 16, No. 1, Feb. 2002, p. 4.

Harbor Defenses of Mobile
Forts: Morgan and Gaines.
Visitors Centers/Museums: Fort Morgan State Park, Fort Gaines County Park
CDSG ePress: RCB, RCW, EN, Maps, QM
CDSG Publications:
Zink, Robert D. "Forts of Wherever #17. U.S. Gulf Coast, Part I, Key West through Mobile Bay." *CDSG News* Vol. 6, No. 4, Nov. 1992, p. 59.

Gaines, William C. "The Modern Coast Defenses of Mobile Bay 1865-1945 (Part 1)." *CD Journal* Vol. 24, No. 1, Feb. 2010, p. 61.

Gaines, William C. "The Modern Coast Defenses of Mobile Bay 1865-1945 (Part II)." *CD Journal* Vol. 24, No. 2, May 2010, p. 57.

Gaines, William C. "The Modern Coast Defenses of Mobile Bay 1865-1945 (Part III)." *CD Journal* Vol. 24, No. 3, Aug. 2010, p. 4.

Gaines, William C. "Temporary Harbor Defenses in the Southern Defense Command: 1942-1944." *CD Journal* Vol. 16, No. 1, Feb. 2002, p. 4.

Harbor Defenses of the Mississippi River
Forts: Jackson, and St. Phillip; Jackson Barracks.
Visitors Centers/Museums: Fort Jackson Parish Park
CDSG ePress: RCB, RCW, EN, Maps, QM
CDSG publications:
Zink, Robert D. "Forts of Wherever #18. Forts of the U.S. Gulf Coast, Part II, Mississippi thru Texas." *CDSG Journal* Vol. 7, No. 1, Feb. 1993, p. 57.
Gaines, William C. "Temporary Harbor Defenses in the Southern Defense Command: 1942-1944." *CD Journal* Vol. 16, No. 1, Feb. 2002, p. 4.

Smith, Bolling W. "Fire Control Puzzle at New Orleans." *CD Journal*, Vol. 23, No. 3, Aug. 2009, p. 4.

Harbor Defenses of Galveston
Forts: Travis, San Jacinto, and Crockett.
Visitors Centers/Museums:
CDSG ePress: RCB, RCW, EN, Maps, QM, Annex, AP
CDSG publications:
Zink, Robert D. "Forts of Wherever #18. Forts of the U.S. Gulf Coast, Part II, Mississippi thru Texas." *CDSG Journal* Vol. 7, No. 1, Feb. 1993, p. 57.
Gaines, William C. "The Coastal and Harbor Defenses of Galveston, Texas." *CDSG Journal* Vol. 7, No. 3, Aug. 1993, p. 15.

Gaines, William C. "Temporary Harbor Defenses in the Southern Defense Command: 1942-1944." *CD Journal* Vol. 16, No. 1, Feb. 2002, p. 4.

Gaines, William C. "The Seacoast Defenses of Galveston, Texas."*CD Journal* Vol. 21, No. 4, Nov. 2007, p. 4.

Harbor Defenses of San Diego
Forts: Rosecrans, Pio Pico and Emory.
Visitors Centers/Museums: Visitors Center, Cabrillo National Monument
CDSG ePress: RCB, RCW, EN, Maps, QM, Annex, AP
CDSG publications:
Zink, Robert D. "The Forts of Wherever: San Diego." *CDSG News* Vol. 5, No. 1, Feb 1991, p. 36

Harbor Defenses of Los Angeles
Forts: MacArthur; White Point, Long Point, and Bolsa Chica MRs.
Visitors Centers/Museums: Fort MacArthur Military Museum, City of Los Angeles Angels Gate Park
CDSG ePress: RCW, EN, Maps, QM, Annex, AP
CDSG Publications:
Zink, Robert D. "Forts of Wherever #11. Seacoast Defenses of Los Angeles." *CDSG News* Vol. 5, No. 2, May 1991, p. 29.

Harbor Defenses of San Francisco
Forts: Winfield Scott, Miley, Mason, Funston, Barry, Baker, Cronkhite, and McDowell; Milagra Ridge MR.
Visitors Centers/Museums: Marin Headlands Visitors Center, Fort Point Visitors Center, Presidio Visitors Center, all in Golden Gate National Recreation Area.
CDSG ePress: RCB, RCW, EN, Maps, QM, Annex, AP
CDSG Publications:
Zink, Robert D. "The Forts of Wherever #19. San Francisco." *CDSG Journal* Vol. 7, No. 3, Aug. 1993, p. 59.

Harbor Defenses of Columbia River
Forts: Stevens, Canby, and Columbia.
Visitors Centers/Museums: Fort Stevens State Park, Fort Columbia State Park, Cape Disappointment State Park
CDSG ePress: RCB, RCW, EN, Maps, QM, Annex, AP
CDSG Publications:
Zink, Robert D. "Forts of Wherever #20. Columbia River and Western Washington." *CDSG Journal* Vol. 7, No. 3, Nov. 1993, p. 61

Harbor Defenses of Western Washington

Forts: Willipa Bay and Westport MRs

CDSG ePress: RCW, Maps

CDSG Publications:

Zink, Robert D. "Forts of Wherever #20. Columbia River and Western Washington." *CDSG Journal* Vol. 7, No. 3, Nov. 1993, p. 61

Harbor Defenses of Puget Sound

Forts: Worden, Casey, Flagler, Ward, Whitman, and Ebey; Camp Hayden.

Visitors Centers/Museums: Puget Sound Coast Artillery Museum at Fort Worden State Park, Fort Flagler State Park, Fort Casey State Park.

CDSG ePress: RCB, RCW, EN, Maps, QM, Annex, AP

CDSG Publications:

Zink, Robert D. "Forts of Wherever #21. The Straits of Juan de Fuca and Puget Sound." *CDSG Journal* Vol. 9, No. 1, Feb. 1995, p. 29.

Hansen, David M. "Fortress Without Guns" (Fort Ward, WA). *CDSG Journal* Vol. 9, No. 3, Aug. 1995, p. 4.

Gaines, William C. "The 14th Coast Artillery (Harbor Defense) Regiment, an Organizational History." *CDSG Journal* Vol. 9, No. 3, Aug. 1995, p. 28.

Blackburn, Marc K. "The Establishment of the Coastal Defenses of Puget Sound." *CDSG Journal* Vol. 14, No. 2, May 2000, p. 4.

Harbor Defenses of Alaska (Sitka/Seward/Kodiak/Dutch Harbor)

Forts: Babcock, Pierce, Rousseau, McGilvery, Bulkley, J.H. Smith, Tidball, Abercrombie, Learnard, Schwatka, and Brumback.

Visitors Centers/Museums: Fort Abercrombie State Historic Park

CDSG ePress: RCW, Annex.

CDSG Publications:

Denfield, D. Colt. "Dutch Harbor Coastal Defenses." *CDSG Journal* Vol. 7, No. 1, Feb. 1993, p. 30.

Denfield, D. Colt. "Harbor Defense, Seward, Alaska." *CDSG Journal* Vol. 7, No. 1, Feb. 1993, p. 37

Denfield, D. Colt. "Alaska Defenses: Various Locations." *CDSG Journal* Vol. 7, No. 3, Aug. 1993, p. 51

Denfield, D. Colt. "Harbor Defenses, Kodiak." *CDSG Journal* Vol. 7, No. 3, Nov. 1993, p. 49

Zink, Robert D. "The Forts of Wherever #22 - Alaska Defenses." *CDSG Journal* Vol. 12, No. 2, May 1998, p. 85

Harbor Defenses of Oahu, Hawaii (Pearl Harbor, Honolulu, North Shore)

Forts: Kamehameha, Weaver, Armstrong, DeRussy, Ruger, Barrette, and Hase; other locations.

Visitors Centers/Museums: Pearl Harbor Visitors Center, World War II Valor in the Pacific NM, US Army Museum Hawaii (Fort DeRussy)

CDSG ePress: RCW, EN, Maps, QM, AP

CDSG Publications (there are a number of other articles on several smaller Hawaiian locations not listed here. See the CDSG website for a complete listing of *CDSG News/CDSG Journal/CD Journal* articles):

Bennett, John D. "Sand Island's Military Past, 1916-1945." *CD Journal* Vol. 16, No. 3, Aug. 2002, p. 66.

Bennett, John D. "The 5-Inch Emergency Naval-Gun Batteries on Oahu, T.H. 1942-1943." *CD Journal* Vol. 17, No. 1, Feb. 2003, p. 88.

Bennett, John D. "Fort Barrette and the 16-Inch Guns of the Kapolei Military Reservation." *CD Journal* Vol. 18, No. 3, Aug. 2004, p. 55.

Bennett, John D. "Battery Arizona and the Kahe Point Military Reservation." *CD Journal* Vol. 19, No. 1, Feb. 2005, p. 61.

Bennett, John D. "Oahu's World War II Fixed Seacoast Batteries." *CD Journal* Vol. 20, No. 2, May 2006, p. 30.

Bennett, John D. "Oahu's 8-inch Naval Turret Batteries 1942-1949." *CD Journal* Vol. 22, No. 1, Feb. 2008, p. 4.

Dorrance, William H. "Fort Armstrong." *CDSG Journal* Vol. 11, No. 3, Aug. 1997, p. 9.

Dorrance, William H. "Early Fort Ruger: 1906-1915." *CDSG Journal* Vol. 11, No. 4, Nov. 1997, p. 4

Dorrance, William H. "Fort De Russy." *CDSG Journal* Vol. 12, No. 1, Feb. 1998 p. 16.

Dorrance, William H. "Heavy Artillery at Waikiki." *CDSG Journal* Vol. 13, No. 4, Nov. 1999, p. 4.

Gaines, William C. "240 mm Howitzers on Oahu 1922-1944." *CD Journal* Vol. 16, No. 4, Nov. 2002, p. 4.

William C. Gaines "A Military History of Diamond Head and Fort Ruger (Part I)." *CD Journal* Vol. 19, No. 2, May 2005, p. 4.

William C. Gaines "A Military History of Diamond Head and Fort Ruger (Part 2)." *CD Journal* Vol. 19, No. 3, Aug. 2005, p. 4.

Gaines, William C. "Wiliwilinui Ridge Military Reservation." *CDSG Journal* Vol. 8, No. 2, May 1994, p. 58.

Gaines, William C. "Sand Island Military Reservation." *CDSG Journal* Vol. 8, No. 3, Aug. 1994, p. 49.

Gaines, William C. "Fort Weaver, Oahu, Hawaii." *CDSG Journal* Vol. 8, No. 4, Nov. 1994, p. 39.

Gaines, William C. "Fort Barrette, Oahu, Hawaii." *CDSG Journal* Vol. 8, No. 4, Nov. 1994, p. 46.

Gaines, William C. "A History of Fort DeRussy." *CD Journal* Vol. 24, No. 4, Nov. 2010, p. 47.

Harbor Defenses of Manila and Subic Bays, the Philippines

Forts: Mills, Hughes, Frank, Drum, and Wint.

Visitors Centers/Museums: Corregidor Island Historic Monument

CDSG ePress: RCW, EN, Maps, QM, AP
CDSG Publications:
McGovern, Terrance Jr. "Fort Drum, the Concrete Battleship." *CDSG Journal* Vol. 10, No. 4, Nov. 1996, p. 38

Dorrance, William H. "History of Fort Frank." *CDSG Journal* Vol. 8, No. 2, May 1994, p. 39

Harbor Defenses of the Panama Canal Zone (Balboa and Cristabol)
Forts: Grant, Amador, Randolph, DeLessups, Sherman, and Kobbe.
CDSG ePress: RCW, EN, Maps, Annex, AP
CDSG Publications:
Smith, Bolling W. "1912 Type or 'Panama' Fourteen-Inch Disappearing Gun Batteries," *CDSG Journal*, Vol. 7, No. 2, May 1997, p. 33.

Harbor Defenses of Puerto Rico/Virgin Islands/Bermuda/ Guantanamo Bay
Forts: San Juan, Bundy, and Sagarra
Visitors Centers/Museums: San Juan National Historic Site
CDSG ePress: RCW, EN
CDSG Publications:
Zink, Robert D. "Forts of Everywhere - San Juan & Roosevelt Roads, P.R." *CDSG News* Vol. 6, No. 1, Feb. 1992, p. 51.

McGovern, Terrance Jr. "The World War II Defenses of Bermuda." *CDSG Journal* Vol. 12, No. 1, Feb. 1998. p. 4.

Harbor Defenses of Argentia, Newfoundland
Forts: McAndrew.
CDSG ePress: RCWs, Annex

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A List of Books Covering Modern-era Harbor Defense Forts

Mark Berhow

CDSG has published a number of book reviews in its publications over the years that cover either specific forts or complete harbor defenses. I have put together a summary list that covers the modern-era forts (1900-1950). A general bibliography of seacoast defense books and references follows at the end of this article. I have tried to include as many of the National Park Service historical resource studies that I know of, but only those that cover a modern-era fort or seacoast defense area. I do not have them all, such as those from the newer areas (such as the Boston Islands NRA). I have not included the books in the *Images of America* series as these are mostly photograph collections. If anyone has any additional references they can add to this list, I would appreciate hearing about them.

Books about Specific Harbor Defenses or Forts:

Adams, Jack M. *A History of Fort Screven.* JMA2 Publications. Tybee Island, GA, 1996.

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Seacoast Artillery Weapons (Army Technical Manual 4-210, 13 Oct. 1944), hard cover reprint. $25 / $35

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