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# **U.S. Marine Corps Force Design 2030 Initiative: Background and Issues for Congress**

June 30, 2023

**Congressional Research Service**

<https://crsreports.congress.gov>

R47614



R47614

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**Andrew Feickert**  
Specialist in Military  
Ground Forces

## U.S. Marine Corps Force Design 2030 Initiative: Background and Issues for Congress

On March 23, 2020, the U.S. Marine Corps (USMC) announced a major force design initiative referred to as “Force Design 2030.” As part of this initiative, intended to occur over the next 10 years, the Marine Corps would redesign the service for naval expeditionary warfare and to better align itself with the National Defense Strategy, in particular, focusing on strategically competing with China and Russia. Force Design 2030 initiatives are informed by two operational concepts: Littoral Operations in a Contested Environment (LOCE) and Expeditionary Advanced Base Operations (EABO). In support of these concepts, the Marines would eliminate or reduce certain types of units and do away with certain military occupational specialties (MOS). The Marines also plan to reorganize higher echelon Marine formations and get smaller by reducing forces by 12,000 personnel by 2030. The Marines have published updates in 2021 and 2023 highlighting both accomplishments and outlining future activities.

Since the 2020 announcement, the Marines have eliminated and reorganized units in accordance with Force Design 2030 and have divested a number of capabilities that the Marines believed did not support the Marines’ expeditionary mission. These major changes have resulted in public opposition from some retired senior Marine Corps officers, as well as former executive branch officials. Proponents of Force Design 2030 argue that current Marine Corp force design is outdated and that new forces and operational concepts are required to prevail against China. Critics of Force Design 2030 contend the Marines would lose effectiveness as a combined arms force. Moreover, they argue Force Design 2030’s new warfighting concepts are unproven and the distributed operations proposed by the Marines are not logistically supportable.

Congress has been actively involved in the Force Design 2030 debate, as well as debates over the Navy’s amphibious ship requirements needed to support operations proposed under Force Design 2030.

Oversight considerations for Congress include

- Force Design 2030’s applicability to NATO commitments in Europe, as well as potential commitments in the Middle East and Africa;
- Force Design 2030 and Contested Logistics;
- the Navy’s and Marines’ differing requirements and acquisition priorities for amphibious ships;
- the operational impact of eliminating tank battalions, large numbers of towed artillery, and manned aircraft;
- the Marines’ ability to participate in future sustained land operations;
- the impact of emerging lessons from Russia’s invasion of Ukraine on Marine Corps thinking on Force Design 2030; and
- the Marines’ long-term Force Design 2030-associated budgetary requirements.

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## Background

On March 23, 2020, the U.S. Marine Corps (USMC) announced a major force design initiative referred to as “Force Design 2030.”<sup>1</sup> As part of this initiative, planned to occur over the next 10 years, the Marine Corps would redesign the service for naval expeditionary warfare to better align itself with the National Defense Strategy, in particular, focusing on strategically competing with China and Russia. Force Design 2030 initiatives are informed by two operational concepts: Littoral Operations in a Contested Environment (LOCE)<sup>2</sup> and Expeditionary Advanced Base Operations (EABO).<sup>3</sup> In support of these concepts, the Marines eliminated or reduced certain types of units and did away with certain military occupational specialties (MOS).<sup>4</sup> The Marines also plan to reorganize higher echelon Marine formations and get smaller by reducing forces by 12,000 personnel by 2030.

## Force Design 2030 Major Initiatives

Described as “an ambitious overhaul of the Marine Corps” intended to “make the service more nimble and less vulnerable,”<sup>5</sup> Force Design 2030, as originally presented, comprised a number of major initiatives, summarized in the following sections.

### Major Ground Force Eliminations/Reductions/Realignments

Planned Marine ground force eliminations/reductions/realignments included

- eliminating all Marine Corps Tank Battalions and associated MOSs;
- eliminating all Law Enforcement Battalions and associated MOSs;
- eliminating all Bridging Companies and associated MOSs;
- reducing the number of Infantry Battalions from 24 to 21;
- reducing the number of Cannon Artillery Batteries from 21 to 5; and
- reducing the number of Amphibious Vehicle Companies from 6 to 4.

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<sup>1</sup> Press Release, United States Marine Corps Communication Strategy and Operations Office, Marine Corps Combat Development Command, Release 002-2020, “Marine Corps Announces New Force Design Initiatives,” March 23, 2020.

<sup>2</sup> As defined by the Marines, “Littoral Operations in a Contested Environment (LOCE) is a concept that describes the integrated application of Navy and Marine Corps capabilities to overcome emerging threats within littoral areas that are rapidly expanding in operational depth, complexity, and lethality.” For detailed information, see Headquarters, Marine Corps, *Littoral Operations in a Contested Environment*, <https://www.hqmc.marines.mil/Portals/160/LOCE%20full%20size%20edition.pdf?ver=2018-06-20-095003-177>, accessed June 6, 2023.

<sup>3</sup> As defined by the Marines, “EABO are a form of expeditionary warfare that involve the employment of mobile, low signature, persistent, and relatively easy to maintain and sustain naval expeditionary forces from a series of austere, temporary locations ashore or inshore within a contested or potentially contested maritime area in order to conduct sea denial, support sea control, or enable fleet sustainment.” For detailed information, see Marine Corps Warfighting Lab, *Expeditionary Advanced Base Operations (EABO)*, <https://www.mcwl.marines.mil/TMEABO/>, accessed June 6, 2023.

<sup>4</sup> According to the Marines, “There are hundreds of these roles available for aspiring Marines, roles the Marine Corps refers to as Military Occupational Specialties (MOS).” A listing of MOS is available at <https://www.marines.com/about-the-marine-corps/roles/military-occupational-specialty.html>, accessed June 28, 2023.

<sup>5</sup> Irene Loewenson, “Marine 3-Star ‘Myth-Busts’ Notions about Force Design 2030,” *Marine Corps Times*, November 22, 2022.

## Major Aviation Force Deactivations

Planned Marine aviation force deactivations included

- Marine Medium Tiltrotor Squadron 264,
- Marine Heavy Helicopter Squadron 462,
- Marine Light Attack Helicopter Squadron 469,
- Marine Wing Support Groups 27 and 37, and
- Marine Light Attack Helicopter Squadron 367.

The Marines also intend to reduce the number of F-35 B and C aircraft in each squadron from 16 to 10.<sup>6</sup>

## Reorganization at Higher Echelons

In accordance with Force Design 2030, the III Marine Expeditionary Force (MEF), headquartered at Camp Courtney, Okinawa, Japan, was to be the focal point of higher echelon modernization, described as follows:

- The Marine Corps would establish three Marine Littoral Regiments (MLRs)<sup>7</sup> organized, trained, and equipped to accomplish sea denial and control within contested maritime spaces as part of the modernized III MEF.
- The Marines would augment the III MEF's Pacific posture by fielding three globally deployable Marine Expeditionary Units (MEUs) possessing both traditional and Expeditionary Advanced Base capabilities that can deploy with nonstandard Amphibious Ready Groups (ARGs).<sup>8</sup>
- I MEF (Camp Pendleton, CA) and II MEF (Camp Lejeune, NC) were to generate forces to support MLRs and MEUs.<sup>9</sup>

## Marine Littoral Regiments (MLRs)<sup>10</sup>

The MLR includes about 1,800 to 2,000 Marines and sailors and includes three main elements: a Littoral Combat Team (LCT), a Littoral Anti-Air Battalion, and a Littoral Logistics Battalion. The LCT is organized around an infantry battalion along with a long-range anti-ship missile battery. The Littoral Anti-Air Battalion employs air defense, air surveillance and early warning, air control, and forward rearming and refueling capabilities. The Littoral Logistics Battalion provides tactical logistics support to the MLR. A regimental headquarters provides the MLR with enhanced

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<sup>6</sup> For additional information on the F-35, see CRS Report RL30563, *F-35 Joint Strike Fighter (JSF) Program*, by John R. Hoehn.

<sup>7</sup> For additional information on the Marine Littoral Regiment (MLR), see CRS In Focus IF12200, *The U.S. Marine Corps Marine Littoral Regiment (MLR)*, by Andrew Feickert.

<sup>8</sup> For additional information on Marine Expeditionary Units (MEUs), see CRS In Focus IF10571, *Defense Primer: Organization of U.S. Ground Forces*, by Barbara Salazar Torreon and Andrew Feickert.

<sup>9</sup> Press Release, United States Marine Corps Communication Strategy and Operations Office, Marine Corps Combat Development Command, Release 002-2020, "Marine Corps Announces New Force Design Initiatives," March 23, 2020.

<sup>10</sup> Megan Eckstein, "Marines Testing Regiment at Heart of Emerging Island-Hopping Future," *U.S. Naval Institute (USNI) News*, June 12, 2020.

signals and human intelligence, reconnaissance, communications, logistics planning, civil affairs, cyber, and information operations capabilities.

In March 2022, the Marines reportedly redesignated the 3<sup>rd</sup> Marine Regiment as the 3<sup>rd</sup> MLR.<sup>11</sup> The Marines reportedly plan to convert the 12<sup>th</sup> Marine Regiment into the 12<sup>th</sup> MLR in Okinawa, Japan, by 2025,<sup>12</sup> and also plan for a third MLR, possibly to be stationed on Guam.<sup>13</sup> The Marines have not indicated if additional MLRs are planned for regions outside the Indo-Pacific.

## Proposed Future Capabilities of the Redesigned Force

As part of the redesigned Marine Corps for 2030, the Marines intended to develop the following capabilities:<sup>14</sup>

- **Expansion of Long-Range Fires:** Achieve a 300% increase in rocket artillery capacity, which, in conjunction with anti-ship missiles, is intended to significantly expand the Marine Corps' ability to support the fleet commander in sea control and denial operations.
- **Lighter, More Mobile and Versatile Infantry:** Reduce the size of infantry battalions in order to support naval expeditionary warfare and to facilitate distributed and Expeditionary Advanced Base Operations.
- **Investments in Unmanned Systems:** Double the number of unmanned aerial systems (UAS) squadrons and austere lethal unmanned air and ground systems to enhance the ability to sense and strike targets.
- **Maritime Mobility and Resilience:** Develop new capabilities to increase littoral maritime mobility and resilience, including a new light amphibious warship, as well as more affordable stern-landing and operational support vessels.
- **Mobile Air Defense and Counter-Precision Guided Missile Systems:** Develop a variety of systems and efforts to include directed energy systems, loitering munitions, signature management, electronic warfare, and expeditionary airfield capabilities and structure to support manned and unmanned aircraft and other systems from austere, minimally developed locations.

## Force Design 2030 Annual Update 2021

In April 2021, General David Berger, the Commandant of the Marine Corps, provided the status of the 2020 Force Design initiatives.<sup>15</sup> The Commandant's 2021 update highlighted that the Marine Corps had

- removed all main battle tanks and heavy bridging equipment from the inventory;

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<sup>11</sup> Aidan Quigley, "Marine Corps to Formally Stand Up First Marine Littoral Regiment this Week," *Inside Defense*, February 28, 2022.

<sup>12</sup> Joe Gould, "Japan to O.K. New U.S. Marine Littoral Regiment on Okinawa," *Defense News*, January 11, 2023.

<sup>13</sup> Nick Wilson, "Marine Corps Prepares to Stand Up Third MLR, Eyes Guam as Potential Location," *Inside Defense*, March 14, 2023.

<sup>14</sup> Press Release, United States Marine Corps Communication Strategy and Operations Office, Marine Corps Combat Development Command, Release 002-2020, "Marine Corps Announces New Force Design Initiatives," March 23, 2020.

<sup>15</sup> See Headquarters Marine Corps, <https://www.marines.mil/Portals/1/Docs/2021%20Force%20Design%20Annual%20Update.pdf>, accessed June 6, 2023.

- reorganized Marine infantry battalions to provide greater lethality and nonkinetic influence in mobile, distributed operations;
- used the savings from divestments to field long-endurance UASs with payloads for airborne communication, reconnaissance, and electronic warfare;
- eliminated most towed cannon artillery and significant numbers of manned rotary and fixed-winged aircraft from future plans; and
- phased out most legacy logistical capability, previously intended for sustained land operations, and modernized remaining logistical units for distributed maritime operations.

In terms of main battle tanks eliminated under Force Design 2030, the Marines noted:

The Marine Corps had more than 450 tanks prior to the deactivation of the tank battalions. To date, Marine Corps Systems Command has transferred more than 400 tanks to the Army. The remaining tanks in the Marine Corps inventory are afloat globally on Maritime Prepositioning Ships and are scheduled for transfer to the Army over the next few years.<sup>16</sup>

In 2020, the Marines divested more than 5,500 pieces of equipment valued at \$494 million.<sup>17</sup> Similar figures for 2021 and 2022 are not publicly available.

## **The Commandant's Concerns with the Future of Force Design 2030**

During a December 2021 meeting at the Center for a New American Security, General Berger, the Commandant of the Marine Corps, reportedly expressed some of his concerns going forward where he remarked:

I think this is the deciding point where, in the [Pentagon] and in Congress, are they willing to back an organization ... that is willing to accept risk, willing to move at speed, willing to discard legacy things, learn as fast as we can—are they going to support and enable that to occur or not? Because if they don't, then you're in a bad place because you've already gotten rid of, you've already divested of, you shed the things you don't think you need for the future. But the other things are coming, and if you're left in a lurch there, that's not a good place to be.<sup>18</sup>

The Commandant argued that the Navy, the Defense Department, and Congress should support Force Design 2030 in the next one or two budget cycles. The Commandant also noted the requirement for the Navy's Light Amphibious Warship (LAW) currently under development, but raised concerns about the LAW's future, given budgetary issues. General Berger also noted that FY2023 force modernization plans called for the fielding of NMESIS (Navy/Marine Corps Expeditionary Ship Interdiction System), a ground-based anti-ship missile mounted on an unmanned version of the Joint Light Tactical Vehicle (JLTV).

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<sup>16</sup> See Defense Visual Information Distribution Service (DVIDS), <https://www.dvidshub.net/news/410169/force-design-2030-divesting-meet-future-threat>, accessed June 6, 2023.

<sup>17</sup> Ibid.

<sup>18</sup> Megan Eckstein, "US Marine Commandant: Fund 'Force Design 2030, or Leave the Corps in a Lurch,'" *Defense News*, December 14, 2021.

## Force Design 2030 Annual Update 2023

On June 5, 2023, the Commandant of the Marine Corps Marines released his Force Design 2030 Annual Update covering activities in 2022 and early 2023<sup>19</sup> The Marine Corps noted that while the update primarily outlines the work ahead, Force Design 2030 had progressed to a point where “operating forces are beginning to use many of the capabilities it describes.”<sup>20</sup> In support of further Force Design 2030 development in 2022, the Marines initiated three efforts:

### Training and Education 2030<sup>21</sup>

According to the Marine Corps, “the current training and education (T&E) system is not preparing the Marine Corps for the future operating environment.”<sup>22</sup> In response, the Marine Corps established Training and Education 2030, an initiative that:

Sets a new direction, describing how we will transform T&E for the future force. It incorporates best aspects of our time-tested process of making Marines, feedback from Marines in the Fleet Marine Force, and lessons learned from years of force-on-force exercises into explicit guidance for improvements to T&E.<sup>23</sup>

### Installation and Logistics 2030<sup>24</sup>

The Marines Corps describes its logistics challenges as follows:

To succeed on tomorrow’s battlefields, we will need a logistics enterprise fully integrated with the broader objectives of Force Design 2030, capable of supporting multi-domain and distributed operations in contested environments. Our stand-in forces (SIF) must be able to persist forward. Currently, our logistical capabilities are under-resourced and do not meet the demands of our future force to succeed on future battlefields.<sup>25</sup>

Installation and Logistics 2030’s objectives are described as

- creating global logistics awareness,
- diversifying distribution,
- improving sustainment,
- making installations ready for a contested environment, and
- developing logistics professionals for 21<sup>st</sup> Century.<sup>26</sup>

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<sup>19</sup> See Headquarters Marine Corps, *Force Design 2030 Annual Update*, at [https://www.marines.mil/Portals/1/Docs/Force\\_Design\\_2030\\_Annual\\_Update\\_June\\_2023.pdf](https://www.marines.mil/Portals/1/Docs/Force_Design_2030_Annual_Update_June_2023.pdf), accessed June 6, 2023.

<sup>20</sup> *Ibid.*, p. 2.

<sup>21</sup> See Headquarters Marine Corps, *Training and Education 2030*, at <https://www.marines.mil/Portals/1/Docs/Training%20and%20Education%202030.pdf>, accessed June 6, 2023.

<sup>22</sup> *Ibid.*, p. 2.

<sup>23</sup> *Ibid.*, p. 1.

<sup>24</sup> See Headquarters Marine Corps, *Installations and Logistics 2030*, at <https://www.marines.mil/Portals/1/Docs/Installations%20and%20Logistics%202030.pdf>, accessed June 6, 2023.

<sup>25</sup> *Ibid.*, p. 1.

<sup>26</sup> *Ibid.*



## Talent Management 2030<sup>27</sup>

The Marine Corps notes:

To meet future demands, we must immediately pursue technological advancements to our personnel systems to create a holistic talent management system that attracts, develops, incentivizes, and retains the skilled Marines necessary to improve our efficacy as a force.<sup>28</sup>

In order to accomplish this, the Marine Corps intends to pursue these four lines of effort:

- rebalance recruiting and retention,
- optimize the employment of talent,
- establish multiple pathways to career success, and
- develop and employ modern talent management tools.<sup>29</sup>

## Selected Future Actions

The Force Design 2030 Annual Update 2023 identified a number of areas needing further analysis, as well as planned actions to be taken in 2023 and 2024. This section summarizes selected areas highlighted in the 2023 Update.

### Multi-Domain Reconnaissance

According to the Marine Corps:

Wargames, modeling and simulation, experiments, and exercises, along with evidence from the Western Pacific to Ukraine confirm the requirement for littoral, multi-domain reconnaissance capabilities that our light armored reconnaissance (LAR) battalions do not currently provide.<sup>30</sup>

In response, the Marines plan to transition current light armored reconnaissance (LAR) battalions into mobile reconnaissance battalions (MRBs). The MRBs are to utilize the Advanced Reconnaissance Vehicle (ARV)<sup>31</sup> currently under development, but unlike LAR battalions, MRBs are not to be designed around the ARV but instead could include small boats, aerial vehicles, and ultra-light ground vehicles.<sup>32</sup> Reportedly, Marine officials suggest ARVs might be too heavy for Pacific-focused MRBs but are necessary in African, European, and Middle Eastern-focused MRBs.<sup>33</sup> MRBs are planned to include waterborne maritime reconnaissance companies, light mobile companies, and light armored companies. The Marines further note MRB design is not yet finalized and additional exercises and analysis are planned to inform the final design.

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<sup>27</sup> See Headquarters Marine Corps, *Talent Management 2030*, at <https://www.marines.mil/Portals/1/Docs/Talent%20Management%202030%20Update%20-%20March%202023.pdf>, accessed June 6, 2023.

<sup>28</sup> *Ibid.*, p. 1.

<sup>29</sup> See Headquarters Marine Corps, *Talent Management 2030*, at <https://www.marines.mil/Talent-Management-2030/>, accessed June 6, 2023.

<sup>30</sup> See Headquarters Marine Corps, *Force Design 2030, Annual Update* at [https://www.marines.mil/Portals/1/Docs/Force\\_Design\\_2030\\_Annual\\_Update\\_June\\_2023.pdf](https://www.marines.mil/Portals/1/Docs/Force_Design_2030_Annual_Update_June_2023.pdf), accessed June 8, 2023, p. 7.

<sup>31</sup> For additional information on the Advanced Reconnaissance Vehicle (ARV), see CRS In Focus IF11831, *Marine Corps Advanced Reconnaissance Vehicle (ARV)*, by Andrew Feickert.

<sup>32</sup> Nick Wilson, “Marine Corps Continues Development of New Recon Units, MLR Capabilities with Force Design Update,” *Inside Defense*, June 5, 2023.

<sup>33</sup> Megan Eckstein, “Marine Corps Pushes Dramatic Change for its Reconnaissance Forces,” *Defense News*, June 5, 2023.

## Littoral Mobility

The Force Design 2030 Annual Update 2023 notes:

After extensive analysis, it was determined a need for nine Landing Ship – Mediums (LSMs)<sup>34</sup> to support littoral maneuver of a single regimental sized unit ... Given that current force structure plans call for three Marine Littoral Regiments, the Marines will require 35 LSMs to account for operational availability and mobility for those units. However, current plans for LSM funding (beginning in FY2025) limits the ability to bring this capability online within an operationally relevant timeframe.<sup>35</sup>

While the Marines are developing “bridging solutions” such as Landing Craft Utility vessels, Expeditionary Fast Transports, and commercial Stern Landing Vessels, the Marines argue that “while these platforms will inform the eventual employment of the LSM, they will fall short of desired capabilities if called upon in an operational setting.”<sup>36</sup>

## Infantry Battalions

As noted earlier, as part of Force Design 2030, the Marines plan to reduce the size of infantry battalions. Toward this end, the Marines have undertaken extensive analysis and conducted a series of exercises and experiments. According to the 2023 Force Design 2030 Update:

These experiments demonstrated that a battalion of 735 Marines—the initial planning factor—was not operationally suitable. We have since adjusted the size of our battalions to 811 Marines. The most recent update to the infantry battalion includes the addition of persistent all-weather surveillance, additional capacity to conduct anti-armor and indirect fire, as well as organic support and services.<sup>37</sup>

These changes are to be applied to Active and Reserve Marine infantry units and accomplished by September 1, 2023. As part of this restructuring, the Marines also plan to “identify options to accelerate the procurement and training” of loitering munitions to be used by the infantry battalions.<sup>38</sup>

## Force Design 2030 and the Public Debate

The 2020 release of Force Design 2030 has resulted in a great deal of public debate. Many critics of Force Design 2030 are retired senior Marine Corps officers, as well as former executive branch officials.<sup>39</sup> One report noted:

An influential group of over two dozen retired generals has launched a counteroffensive against plans to transform the Marine Corps, and is using their clout in a high-power pressure campaign to get Congress to slam on the brakes. The roster of personalities includes every living former commandant, along with a slew of other retired four-star generals revered within the Corps. And all of them are bristling at different aspects of

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<sup>34</sup> Landing Ship Mediums (LSM) were previously known as Light Amphibious Warship (LAW). For additional information on LSMs, see CRS Report R46374, *Navy Medium Landing Ship (LSM) (Previously Light Amphibious Warship [LAW]) Program: Background and Issues for Congress*, by Ronald O'Rourke.

<sup>35</sup> See Headquarters Marine Corps, *Force Design 2030 Update*, at [https://www.marines.mil/Portals/1/Docs/Force\\_Design\\_2030\\_Annual\\_Update\\_June\\_2023.pdf](https://www.marines.mil/Portals/1/Docs/Force_Design_2030_Annual_Update_June_2023.pdf), accessed June 8, 2023, p. 9.

<sup>36</sup> *Ibid.*

<sup>37</sup> *Ibid.*, p. 10.

<sup>38</sup> *Ibid.*

<sup>39</sup> See Paul Mc Cleary and Lee Hudson, “How Two Dozen Retired Generals are Trying to Stop an Overhaul of the Marines,” *Politico*, April 1, 2022.

foundational changes introduced by Commandant Gen. David Berger, who aims to make the Corps lighter, faster and more capable of doing everything from electronic warfare to sinking ships at sea .... The group of retired generals includes former Defense Secretary Jim Mattis, former Joint Chiefs Chair Joe Dunford and John Kelly, a former Homeland Security chief and White House chief of staff.<sup>40</sup>

Force Design 2030 critics argue that

- the Marines would no longer be an effective combined arms force because of divestments in armor, artillery, and aviation capabilities;<sup>41</sup>
- Force Design 2030's focus on China downplays the possibility of conflicts elsewhere;<sup>42</sup>
- Force Design 2030's new warfighting concepts are unproven;<sup>43</sup>
- a force designed for an island campaign in the Western Pacific will not be successful if deployed to another region and employed in a different kind of campaign;<sup>44</sup>
- Force Design 2030 does not address logistics support;<sup>45</sup>
- Force Design 2030 does not take into account other missions and limits ground mobility;<sup>46</sup> and
- the Marines would be less capable fighting in urban environments.<sup>47</sup>

Conversely, a number of Force Design 2030 supporters have also publicly stated their support. Selected arguments in support of Force Design 2030 include the following:

- the current Marine Corp force design is outdated;<sup>48</sup>
- Force Design 2030 is how the Marines must operate to prevail against China;<sup>49</sup>
- Force Design 2030 and associated operational concepts more closely conform to the Marines' Title X mission;<sup>50</sup>

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<sup>40</sup> Ibid.

<sup>41</sup> Lt. Gen. Paul K. Van Riper (Retired), "Jeopardizing National Security: What is Happening to Our Marine Corps?" *Marine Corps Times*, March 21, 2022.

<sup>42</sup> Mark F. Cancian, "U.S. Military Forces in FY2022: Marine Corps," Center for Strategic and International Studies, November 2021, pp. 13-14.

<sup>43</sup> Ibid.

<sup>44</sup> Ibid.

<sup>45</sup> Stephen W. Miller, "All Change at the Corps: Force Design 2030," *Armada International*, October 25, 2021.

<sup>46</sup> Ibid.

<sup>47</sup> Bing West, "Ukraine's Tragedy Should Refocus the U.S. Marine Corps," *National Review*, March 13, 2022.

<sup>48</sup> U.S. Marine Corps, *Force Design 2030*, March 2020, p. 2.

<sup>49</sup> Tom Rogan, "The Marines Are Reforming to Prepare for War with China; General David H. Berger Seeks a More Agile Force," *Wall Street Journal*, April 4, 2022.

<sup>50</sup> According to 10 USC §5063, *United States Marine Corps Composition; Functions*, "The Marine Corps, within the Department of the Navy, shall be so organized as to include not less than three combat divisions and three air wings, and such other land combat, aviation, and other services as may be organic therein. The Marine Corps shall be organized, trained, and equipped to provide fleet marine forces of combined arms, together with supporting air components, for service with the fleet in the seizure or defense of advanced naval bases and for the conduct of such land operations as may be essential to the prosecution of a naval campaign. In addition, the Marine Corps shall provide detachments and organizations for service on armed vessels of the Navy, shall provide security detachments for the protection of naval property at naval stations and bases, and shall perform such other duties as the President may direct. (continued...)"

- Force Design 2030 is more cost-effective;<sup>51</sup>
- Marine Littoral Regiments (MLRs) create a dilemma for adversaries;<sup>52</sup>
- Force Design 2030 would result in reduced dependency on manned aircraft;<sup>53</sup> and
- Force Design 2030 facilitates greater competition and deterrence.<sup>54</sup>

## Congress and Force Design 2030

Some reports suggest that:

In general, while some former military officials vehemently disagree with Berger’s plan for the Marine Corps, he’s gotten high marks publicly from lawmakers during hearings for his efforts on Force Design 2030, despite the public challenges....<sup>55</sup>

Some Members have questioned Force Design 2030. For example, a Member noted the following during May 2, 2023, testimony to the Senate Armed Services Committee on “The Current Readiness of the Joint Force”:

I have also spent dozens of hours studying and asking questions about Marine Corps Force design of current and former Marine Corps leaders. But more from the Congress needs to be done on an initiative of this consequence and magnitude. Tough probing questions are required from this committee. No plan is perfect, especially military plans. And no general is infallible. Force design needs rigorous oversight, not out of disrespect for the Marine Corps, but out of an abiding respect for this exceptional and unique American institution and the critical role it has played and will continue to play in our nation’s defense.<sup>56</sup>

On May 27, 2022, a group of Senators and Representatives sent a letter to the chairmen and ranking members of the Subcommittee on Defense, Senate Committee on Appropriations, and Subcommittee on Defense, House Committee on Appropriations, requesting “support of budgetary items that invest in the Marines Corps Force Design 2030 initiative.”<sup>57</sup> On May 15, 2023, a group of Senators and Representatives again sent a letter to the same House and Senate subcommittees requesting “support of budgetary items that invest in or accelerate the Marine Corps Force Design initiatives.”<sup>58</sup>

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However, these additional duties may not detract from or interfere with the operations for which the Marine Corps is primarily organized.” For additional discussion, see Carl Forsling, “The Commandant of the Marine Corps is Charging into the Future, But Some Aren’t Ready for Change,” *Task and Purpose*, July 21, 2021.

<sup>51</sup> Frank G. Hoffman, “Still First to Fight? Shaping The 21<sup>st</sup> Century Marine Corps,” Foreign Policy Research Institute, May 2020, p. 6.

<sup>52</sup> General Eric Smith, USMC, “Stand-In Forces: Adapt or Perish,” Proceedings, U.S. Naval Institute, vol. 148, April 2022.

<sup>53</sup> Frank G. Hoffman, “Still First to Fight? Shaping The 21<sup>st</sup> Century Marine Corps,” Foreign Policy Research Institute, May 2020, p. 6.

<sup>54</sup> Mark F. Cancian, “U.S. Military Forces in FY 2022: Marine Corps,” Center for Strategic and International Studies, November 2021, p. 5.

<sup>55</sup> Justin Katz, “Lawmakers Rev Up Support for Marine Corps’ Force Design 2030 in Letter to Appropriators,” *Breaking Defense*, May 18, 2023.

<sup>56</sup> See Senate Armed Services Committee, *To Receive Testimony on the Current Readiness of the Joint Force*, at [https://www.armed-services.senate.gov/imo/media/doc/23-42\\_05-02-2023.pdf](https://www.armed-services.senate.gov/imo/media/doc/23-42_05-02-2023.pdf), p. 7, accessed June 13, 2023.

<sup>57</sup> See <https://mca-marines.org/wp-content/uploads/220527-USMC-Force-Design-Dear-Colleague-Letter2.pdf>, accessed June 13, 2023.

<sup>58</sup> See <https://www.kaine.senate.gov/imo/media/doc/51523lettertosenateappropriatorsonmarinecorpsforcedesign.pdf>, accessed June 13, 2023.

## Congress and Marine Corps Amphibious Ship Requirements

The Navy and Marine Corps appear to have differing views on amphibious ship requirements.<sup>59</sup> In the 2022 Force Design 2030 Update, the Marines state:

Since 2019, three Department of the Navy studies have confirmed a requirement for 28-31 L-class amphibious warfare ships<sup>60</sup> and 35 LSMs for maritime mobility.... However, combining these findings with readiness trends over the past 10 years and projected ship availability rates demonstrates the need for no fewer than 31 traditional L-class ships to ensure the warfighting readiness and global responsiveness of amphibious naval forces.<sup>61</sup>

One report notes:

Although the FY 2023 National Defense Authorization Act set an amphibious fleet size requirement of at least 31 L-class ships, the Navy's FY2024 budget request proposed retiring three amphibious warships while pausing procurement of new ones—a maneuver that would cause amphibious ship numbers to dip below the legal minimum.<sup>62</sup>

In response to the Navy's FY2024 budget request, 14 Senate Armed Services Committee Members sent a letter to the Secretary of the Navy on June 13<sup>th</sup> requesting an updated ship building plan that adheres to legal requirements for amphibious ships.<sup>63</sup> On June 19, 2023, the Secretary of the Navy sent a letter to Members stating the Department of the Navy had every intention of meeting the legally mandated amphibious ship requirements.<sup>64</sup>

## Resourcing Force Design 2030

Regarding resourcing, the Marines state:

To date, we have self-funded Force Design 2030 within our budget topline. This approach succeeded with the support of civilian leaders in Congress, the Office of the Secretary of Defense, and the Department of the Navy. Self-funding required hard, sometimes unpopular decisions, but it allowed us to trade lower priority capabilities for approximately \$15.8 billion worth of high priority investments that create advantage on increasingly complex battlefields. However, further meaningful divestment is not possible without negative impacts on near-term mission requirements and modernization efforts.... Therefore, to accelerate the delivery of critical joint warfighting capabilities, while

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<sup>59</sup> See, for example, Mallory Shelbourne, "Navy and Marines Divided Over the Amphibious Fleet's Future as Delays and Cancellations Mount in FY 2023 Budget Request," *USNI News*, April 3, 2022; Paul McCleary, "Marines Furious over the Navy's Plan for Troop-Carrying Ships," *Politico*, March 17, 2023; and Mallory Shelbourne, "Navy and Marine Corps Debate Amphibious Ship Costs as Clash Over LPD-17 Flight II Line Continues," *USNI News*, March 16, 2023.

<sup>60</sup> For additional information on U.S. Navy Amphibious Warships, see CRS Report RL34476, *Navy LPD-17 Amphibious Ship Procurement: Background, Issues, and Options for Congress*, by Ronald O'Rourke, and CRS Report R43543, *Navy LPD-17 Flight II and LHA Amphibious Ship Programs: Background and Issues for Congress*, by Ronald O'Rourke.

<sup>61</sup> See Headquarters Marine Corps, *Force Design 2030 Update*, at [https://www.marines.mil/Portals/1/Docs/Force\\_Design\\_2030\\_Annual\\_Update\\_June\\_2023.pdf](https://www.marines.mil/Portals/1/Docs/Force_Design_2030_Annual_Update_June_2023.pdf), accessed June 6, 2023, p. 4.

<sup>62</sup> Nick Wilson, "Senators Request Updated Shipbuilding Plan Meeting Amphib Requirement," *Inside Defense*, June 13, 2023.

<sup>63</sup> See *Inside Defense*, [https://insidedefense.com/sites/insidedefense.com/files/documents/2023/jun/06132023\\_amphibs.pdf](https://insidedefense.com/sites/insidedefense.com/files/documents/2023/jun/06132023_amphibs.pdf), accessed June 15, 2023.

<sup>64</sup> See *Inside Defense*, [https://insidedefense.com/sites/insidedefense.com/files/documents/2023/jun/06212023\\_secnav.pdf](https://insidedefense.com/sites/insidedefense.com/files/documents/2023/jun/06212023_secnav.pdf), accessed June 28, 2023.

maintaining and expanding force readiness and resiliency, we will seek additional budgetary resources.<sup>65</sup>

One report summarizes the Marines' FY2024 Force Design 2030 budget request noting the Marines have requested \$16.9 billion for equipment modernization, \$343 million for Talent Management 2030, and \$581 million for Training and Education 2030.<sup>66</sup> CRS is unable at this time to determine if Force Design 2030 resource requirements are part of the Navy's and Marines' Future Year Defense Program (FYDP).

## Considerations for Congress

Oversight questions Congress could consider include the following:

- If Force Design 2030 is focused on China and the Indo Pacific region, will the redesigned force be suitable/adequate to support future NATO commitments in Europe as well as commitments in the Middle East and Africa?
- With Force Design 2030 focused on China and the Indo Pacific region, what are the Marines' plans to address Contested Logistics?<sup>67</sup> Are there concerns that much of the responsibility for successfully operating in such an environment falls outside the control of the Marines and rests largely on the Navy and Air Force and, if developed and acquired, unmanned naval and air systems?
- How would apparent differences between the Navy and Marines regarding requirements and acquisition priority for amphibious ships affect the Marines' ability to execute Littoral Operations in a Contested Environment (LOCE) and Expeditionary Advanced Base Operations (EABO), as well as operational concepts put forth in Force Design 2030?
- How would the elimination of the Marines' two tank battalions affect the Marines' ability to defend against enemy mechanized and armored forces? Is it realistic to expect the Army to provide armor support to the Marines if the Marines are called upon to confront enemy mechanized and armored forces?
- How would the elimination of most towed artillery affect the Marines' ability to provide fire support if air or naval assets are unable to deliver fire support to infantry units due to nonavailability, range limitations, or adverse weather?
- How would the elimination of significant numbers of manned rotary and fixed winged aircraft affect the Marines' ability to transport personnel and supplies by air and to provide close air support to ground forces?
- If the Marines phase out most of their legacy sustained land operations-specific logistics capability, will the Marines be able to participate in sustained land operations in the future if required?
- What are some of the accomplishments attributed to Training and Education 2030, Installation and Logistics 2030, and Talent Management 2030? Are there any issues impeding full implementation of these initiatives?

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<sup>65</sup> See Headquarters Marine Corps, *Force Design 2030 Update*, at [https://www.marines.mil/Portals/1/Docs/Force\\_Design\\_2030\\_Annual\\_Update\\_June\\_2023.pdf](https://www.marines.mil/Portals/1/Docs/Force_Design_2030_Annual_Update_June_2023.pdf), accessed June 6, 2023, p. 4.

<sup>66</sup> Megan Eckstein, "Marines Accelerate Force Design Transformation in FY 24 Budget Request," *Defense News*, March 17, 2023.

<sup>67</sup> Megan Eckstein, "Navy, Marines Will Need Recapitalized Sealift, Logistics Capabilities to Succeed in Pacific Operations," *USNI News*, December 2, 2020.

- How do emerging lessons from Russia’s invasion of Ukraine inform Marine Corps’ thinking on Force Design 2030?
- Given the end of Force Design 2030 self-funding, what are the Marines’ long-term Force Design 2030-associated budgetary requirements?

## **Author Information**

Andrew Feickert  
Specialist in Military Ground Forces

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