In this issue, as in every December issue for the past 42 years, we are publishing our annual index—a listing by subject and author of the articles, and by book author of the reviews, published over the past year. Similar indexes were published in 1966–79 but occasionally appeared in the January rather than December issues. Articles on the web are indexed as well. Our website, www.mca-marines.org/gazette, contains links to archived articles back to 1916, as well as annual indexes from recent years. We commend these indexes to your attention as they are a guide to the many articles of lasting value that have been published in the Gazette.

**Subject Index**

**2020 TRAINOR MILITARY WRITING AWARD**

Winner: Sleeper Cell Logistics, Sweeney 1:64
Honorable Mention: A Letter Home from a Marine in the Future, McCarthy 1:67
Out With the New, In With the Old, Gratton 1:70
Between a Rocket and a Hard Place, Venable & Lauterbach 1:74
2030 Joint Forceable Entry Operations, McGurkin & Hanly 1:77
Expeditionary Data, Yang & Adsit 1:82

**ACQUISITION**

A Message from the Commander, MCSC, Pasagian 8:8
A Message from the Sergeant Major, MCSC, Caro 8:10
Delivering Force Design 2030, Ramthun & Zyga 8:12
Operational Testing Matters, Johnson & McDaniel 8:17
Artificial Intelligence (AI) in the Automatic Test Environment, Automatic Test Systems Team, Portfolio Manager Logistics Combat Element Systems, Marine Corps Systems Command 8:20
The Ultra-Light Tactical Vehicle, Lopez 8:23
Redefining Installations for Future Success, Young 8:26
Bits, Bandwidth, and Backscattering, Beck & Hough 8:30
Data Survivability, Cirillo 8:33
The Future Warrior Has Arrived, Reynolds 8:37
Automation of Wargaming Capabilities, Velazquez 8:43
Hindsight Is 20/20, Jones 8:WE
.50 Cal Lightweight Ammunition, the Program Manager for Ammunition Team, Portfolio Manager Logistics Combat Element Systems, Marine Corps Systems Command 8:WE
Marine Contracting Officers, Young, et al. 8:WE

**THE AIR-GROUND TEAM**

A Message from the Deputy Commandant for Plans, Policies, and Operations, Smith 5:6
Marine Corps Aviation: Fight Now, Fight Tomorrow, Wise 5:8
Mountain Fighting, Kerby 5:10
Countering Obsolescence, Belet 5:14
Distributed Aviation Operations, Bossart 5:19
Rifle Company Reconnaissance, Martin & Casey 5:22
Marine Corps Infantry Marksmanship, Chaplin 5:26
Sourcing JTACs, Kang 5:29
Technical Signature Management for Small Units, Klena 5:32
The 4th Marine Regiment, Majeski 5:35
Aviation Apportionment, Scherrer 5:38
Force Projection in the Modern A2/AD Environment, Scherrer 5:42
Infantry Squad Leaders, Simonds 5:46
Marine Student Naval Aviators, Whalen 5:49

Every Marine a Rifleman, Curtis 5:53
The King of Battle Recaptures His Crown?, Lipkin 5:55
Rebuilding Capability, Davis & Jones 5:58
The LEEG, Bock & Stewart 5:62

**AVIATION**

The Next Fight, Wise 9:62

**COMMAND & STAFF CENTENNIAL**

Command & Staff College Centennial, Wineman 6:110

**COMMANDANT’S MESSAGE**

A Message From the Commandant of the Marine Corps, Berger 11:4

**DIVERSITY & COHESION**

Drowning Out Success, Wilson 7:WE

**ESPRIT/LEADERSHIP**

Humans Are More Important Than Hardware, Claudio 2:WE

**FORCE DESIGN**

Dropping Your Tools, Gordon & Lloyd 2:WE

**FORCE DESIGN/INNOVATION**

The Case Against Composite Rocket/Artillery Battalions, Tavuchis 4:65
Vision into Action, Shannon 4:68
From Present to Postured, Brewer 4:73

**FUTURE FORCE DESIGN**

The Marine Corps in the Grey Zone, Fox 5:73
From Land and Sea, Montgomery 5:77
Identity of a Service, Ansberry 8:45
Don’t Lose Sight of the Lance Corporal, Shirey 8:47
A Force-in-Readiness, or in Stasis?, West 8:49
Competing with China, Adair 8:51
Taming the Modern Dragon, Rodriguez 9:120

**FUTURE FORCE DESIGN/ACQUISITION**

To Modernize Our Corps, Pasagian & Ferris 6:103
Don’t Reinvent the Wheel, Mills & Rasmussen 6:106
The Diplomatic Ask, Haynes 6:WE
Expeditionary Fast Transport Ship, Locker 6:WE
Marine Rotational Force-India, Hu 12:58

**HISTORY**

Wish for the Impossible, Schueman 11:12
ANNUAL INDEX

Operation FOCUS, Neely 11:20
Attack Aviation Innovation, Mendizabal 11:26
The South American War, McGee 11:29

HOGABOOM WRITING AWARD WINNERS
Digital Native Transformation, David 7:89
“What Lieutenants Do”, Wu 7:92
Centeredness, Borinstein 7:96

INNOVATION/FUTURE FORCE DESIGN
The Tea Boiled Over, Pharms 1:WE
Old Books and New Ideas, Watson 2:9
FD2030 Infantry Battalion Experimentation, Hume, et al. 2:11
Fight Right Sustainment, Russell 2:15
Wargaming with Command Professional Edition, Staff, MCWL Wargaming Div 2:18
An Advance to Joint Robotics, Foglesong 2:21
Innovation in the Information Environment, Staff, MCU 2:25
Inside the WEZ, 2026, Bishop 2:30
The Many Roles and Phases of Innovation, Bishop & Valeriano 2:34
Innovation and the Proper Context of Cyber Operations, Valeriano & Jensen 2:39
Drone Wars, Capulong 2:44
Swarming, Caton 2:48
Go All In, Davis 2:53
Standby Five Line, O’Donnell 2:59
Flip the Rank Pyramid, Cancian 3:WE
Low-Cost Unclassified Intelligence, Guthart 3:WE
Revisiting Marine Advisors, Burns & Stevenin “Ghost of the Sea”, Fallon 7:71
Marine Amphibious Reconnaissance in the Littorals, Garza 7:75
The New China Marines, Vrolyk 7:78
Civil Affairs, Root 10:63
EABO with a Side of Bacon, Phillips 10:67
Of Mines and Marines, Mills & Kerg 10:70
Without Firing a Shot, Peterson 10:74
Three-Block War in the Information Environment, Peterson 10:77
Civil Affairs in Support of Littoral Operations, Melendez 11:48
Littoral Operations in a Civil Environment, Ota 11:51
Succeeding in a Communications-Degraded Environment, Mirenda & Sandler 11:56

KISER FAMILY IRREGULAR WARFARE
ESSAY CONTEST WINNERS
Closing the Gray Zone Gap, Beattie-Callahan 2:64
Preparing for War among the People in the Indo-Pacific, Blue 2:69
Canary in the Coalmine, Spadea 2:74
The “One Love” Approach to Expeditionary Advance Base Operations, Johnsen 2:79

LEADERSHIP
I Want My Scalps, Quinn 3:WE
Manners Matter, Halverson 10:10
The 12th Leadership Principle, Hanson 10:12
Dark Every Thirty, Sanchez 10:14
Hypocrisy, Wood 10:17
Making Power Personal, Fairley 10:20
First Impression, Tudor 10:24
The Principles of Bureaucratic Leadership, Spaeder 10:28
El and the Warfighter, Olsen 10:31
Reading to Lead, Nicholson 10:33
When They Come Knocking, Pallas 11:34
Leadership Lessons from Privates First Class, Jernigan 11:36
Leadership Purpose, Lynum 11:39
Innovating the Commandant’s Professional Reading List, Lahren 11:41
We Must Get Back to Mission Tactics, Hanson 11:43
Impact on Leadership, Reist & Conover 11:46
A Practitioners Approach to 21st Century Leadership, Chase & Greenwood 11:WE

LEADERSHIP/TALENT MANAGEMENT
The Permanent Military Professor Program, Shuman 10:WE
Inspector-Instructor Duty, Przybelski 12:22
Hindsight Is 20/20, Jones 12:25
Command Authority, Galvin 12:28
The Permanent Military Professor Program, Shuman 12:31

LEARNING
Analog Combat, Alexander 1:86
Articulating Doctrine to Junior Marines, Whitcher 1:89

LEARNING/TRAINING & EDUCATION
Inspector-Instructor Duty, Przybelski 6:WE
Career White Space, Strand 6:WE
Junior Enlisted PME, Goff & Walls 6:WE
It’s About Repetitions, Huff 6:WE
Competitive vs Compulsory PME, Singleton 6:WE
Educating for Seapower, Augier & Barrett 7:WE

LEARNING/TRAINING & PME
A Message from the CG of TECOM, Craparotta 6:10
Fourth Phase, McDonnell 6:12
We Have to Focus on Strategic Education, Emmanuel 6:15
Training Command, O’Shaughnessy, et al. 6:19
Make It Stick, Brown & Herbold 6:22
100 Years of Professional Military Education, Bateman, et al. 6:32
Training the Force for Peer Competition, Hawkins & Riley 6:36
Maneuver Warfare for the Mind, Barrett, et al. 6:38
Sustaining Our Competitive Advantage, Barrett, et al. 6:46
Deterrence Paradoxes, Drake 6:52
Educating to Compete, Fleischaker 6:57
Ditch the CFT, England 6:63
Lessons from Force-on-Force, Hanson 6:65
Metacognition: The Cognitive Connector, Macias 6:77
The Four-Block Littoral Force, Alford 6:82
Communication Training Battalion, Shankar & Stokes 6:89
Taking Foreign Disaster Response to the Next Level, Paik & Anthony 6:94
Modernizing Military Education, Whitcher 6:98
How We Make Marines, Berg 6:WE
LEGAL/ADMINISTRATION
Primer on Article 123, Uniform Code of Military Justice, Fishman 4:58
The Mandatory Modernizing of Military Justice, Jackson 5:98

A LETTER FROM THE CMC AND THE SMMC
A Letter from the CMC and the SMMC, Berger & Black 10:2

LOGISTICS
The Role 2 Light Maneuver Element, Chi & Carlton 3:WE
Field Level of Maintenance in the Future Operating Environment, Doreus 3:WE
Making Tactical-Level Logistics More Survivable, Ford 3:WE
III MEF and Navy Logistics, Nelson, Jones & Hatch 3:WE
Cross-Functional Maintenance Teams, Lucas et al. 3:WE
Transformative Logistics Distribution, Anson & Heffern 3:WE

LOGISTICS & SUSTAINMENT
A Letter from DC I&L, Chiarotti 3:10
Transforming the Maritime Prepositioning Force, Officers of HQMC PP&O & I&L 3:12
Sustaining the Force in the 21st Century Lines of Effort, Gilmore, et al. 3:15
Theater Logistics Seminars, Cillo 3:22
The Changing Character of Logistics, Eisenmann 3:26
Logistics Training & Education, Bain, et al. 3:29
UAS, Mullery 3:33
One Team, One Fight, Bishop 3:36
Rail Assured Movement, Stover 3:38
Joint Force Maritime Logistics, Aubin 3:41
Multifunctional Logistician, Eisenmann 3:44
Technical Data Management-Catalyst, Bower, et al. 3:46
21st Century Foraging, Thermos & Maldonado 3:50
Explore the “Value Chain”, Bowers & Wood 3:54
Logistics Observations, Stewart 3:58
Logistics Intelligence Teams, Donovan 3:60
How to Do Logistics in EABO, Panicacci 3:65
Changing Tides, Alexander 3:71

LTCOL EARL “PETE” ELLIS CONTEST WINNERS
Littoral Access Companies, Ota 2:83
Flicker Operations & Modular Teaming, McMillen 2:89
Cross-Functional Marine Air-Ground Task Element (MAGTE), Fermin 2:93
Amphibious, Integrated, Purpose-Drive, Dugan 2:98

MajGen Richard C. Schulze Memorial Essay
The Seventh Cornerstone of Naval Operations, Holmes, Bowers, Wood 12:8

MANEUVERIST PAPERS
Learning from the Germans Part II: The Future, Marinus 1:92
Introducing the Dräkamp, Marinus 2:102
A Response to Marinus Era Novum, Marinus 3:88
On Criticality and Vulnerability, Marinus 4:94
Maneuver Warfare and the Principles of War, Marinus 5:101
Maneuver Warfare in Cyberspace, Marinus 6:112
On Defeat Mechanisms, Marinus 7:101
Annihilation vs. Attrition, Marinus 8:69
On Decentralization, Marinus 9:124
Information Operations and Maneuver Warfare, Marinus 10:96
Operational Art and Maneuver Warfare, Marinus 11:80
On Main Effort, Marinus 12:62

MANEUVER WARFARE
The Obstacles to Mission Command, Thiele 4:46
Recognizing and Exploiting Opportunity, Hanson 4:48
Warfighting and Maneuver Warfare, Van Riper 5:65
Continuing the Dialogue, Marinus Era Novum 5:69
Mindlessness in Maneuver Warfare, Williams 8:63
Putting Art Back in the Art of War, Minerva 12:48
Read the Red Cell’s Playbook, Curtin 12:53

MANEUVER WARFARE/THEORY OF WAR
The Age of Convergence, Kivelin 9:94

MARINE CORPS RECRUITING
A Letter from the CG, MCRC, Bohm 7:8
All-Volunteer (Recruited) Force, Morgan 7:9
Brand Maneuver, Devine 7:14
Recruiting Diversity, Duncan & Herbert 7:22
Recruit the Recruiter, Cobb & Kiraly 7:27
The Direct Affiliation Program, Torres 7:29
Uniforms or Degrees, Slivkowski 7:31
Prior Service Recruiting, Fusco 7:34
The Reserve Officer Commissioning Program, Snowden 7:37
Recruiting in a COVID Environment, Mayfield 7:WE
With the New Breed, Maggitti 7:WE
Where Does Prior Service Recruiting Fit?, Wittle 7:WE
Recruiting-Focused Social Media, Sanchez 7:WE

MCA&F VISION AND MISSION STATEMENTS
MCA&F Vision & Mission Statements 2:WE

MCISRE/OIE
A Letter from DC-I, Glavy 9:8
Leveraging Cyberspace, Holdridge 9:9
Humans Are More Important Than Hardware, Starr & Showalter 9:16
MEF Command Element Employment Constructs, Fairley 9:22
ANGLICO and OIE, Cirl 9:27
Intelligence and the Defense of Cyberspace, Connatser 9:30
Failed Strategy in Cyberspace, Hyland 9:36
Foreign Language Capabilities, Durish, et al. 9:38
Hiding in Plain Sight, Long 9:40
MCIA’s Enterprise Operations Center, MCIA Enterprise Ops Center 9:44
The Information Renaissance, Lim 9:47
The National Intelligence University, Collins 9:51
Proposed Change, Tsirlis 9:58
Cyber Reconnaissance, Warwick & DiPalma 9:WE
Small Unmanned Aerial Systems, Bailey 10:36
Professionalizing Air Intelligence, Part VI, Denzel 10:38
ANNUAL INDEX

Cyber Reconnaissance, Warwick & DiPalma

NAVAL INTEGRATION
Our Integrated Naval Expeditionary Combat Force, Lewis 10:45
Gray Water, Gray Wars, Shelton 4:84
Supporting the Warfighter, Brunetti-Lihach 7:85
Charting a Path to Naval Integration, Burton 7:WE
Charting a Path to Naval Integration, Burton 12:44
Expeditionary Fast Transport Ship, Locker 12:46

OBSERVATION POSTS
Urban Warfare Training Center, Hanson 1:96
Marine Corps Postmortem, Pinion 2:106
New Marine CFT Proposal, Newham 3:92
Time Should Have Priority, Wood 4:100
“PATCH THAT HOLE, MARINE!”, Pagan 5:108
Gear vs Skills, Hanson 6:WE
Gear Without Training is Just Weight, Bailey 7:107
Intelligent Computing in the Age of Information, Kettner 8:73
Dead Germans, Bornschein 9:131
Parental Bridge, Owens 10:WE
End the Manpower Road Show, Sampson 11:88
Flexible Working Hours, Gardner 12:65

OIE
DC I Letter DCI, Reynolds 4:10
Director, C4 Letter, Mahlock 4:11
The Five OIE Truths, Russell 4:12
Learn to Stop Worrying and Embrace Deception, Germano 4:15
Modernizing COMMSTRAT When Assigned to U.S. Navy Fleets, Heisterberg 4:17
Strategic Communication in Japan, Hendricks 4:22
First to Fight, First to Compete, Walter 4:26
Stovepipe or Collaborate?, Kearney 4:29
EABO Communications Training, Fahey 4:31
The Fourth Block, Gunter 4:34
Back to Basics with C2, Vercher 4:36
Pushed to the Edge, Wood & Pros 4:40
Low Signature Information Network, Donovan & Hart 4:43
The Seventh Warfighting Function, Klonowski 9:WE

OIE/STRATEGY & POLICY
China in the Asia-Pacific Cyber Domain, Buck 4:WE

PLANNING
Read the Red Cell’s Playbook, Curtin 6:WE
Targeted MOS-Specific PME, Campbell 6:WE

PLANNING/DECISION MAKING
Decentralized Decision Making, Boone 7:WE
Putting Art Back in the Art of War, Minerva 7:WE

RESERVE AFFAIRS
Reshaping the Marine Reserves, Cancian 3:WE
Recruiting the Reserve Force, Phippen 3:WE
The Reserve Cyber Force, Leming 4:WE
Recruiting the Reserve Force, Phippen 7:WE

SERGEANT MAJOR OF THE MARINE CORPS
SMMC “NON-NEGOTIABLES”, Black 1:4
SMMC “THE ‘NEW’ CORPS”, Black 2:6
SMMC “THE ‘NEW’ CORPS”, Black 2:WE

SPACE OPERATIONS
The Ultimate High Ground, Fountain 9:67
Yes, They Can Hear Us Now, Manuel, et al. 9:73
Maritime Space Operations, Stokes, et al. 9:78
Fighting From the Ultimate High Ground, Polyard, et al. 9:82
Marines in the Space Domain, Decker, et al. 9:88

SPECIAL OPERATIONS/MARSO
A Letter from the MARSOC Commander, Glynn 1:27
Intelligence-Driven Operations, Marines of Intelligence Co., 1st Marine Raider Support Bn 1:28
Avoiding the False Choice, Waddell & Birchum 1:33
Green Water SOF, Strom 1:38
China’s Quest to Maximize Status and Sovereignty in the South China Sea, Arrington 1:43
Artificial Intelligence in the Future Operating Environment, Nass 1:47
Irregular Warfare, Pumell 1:51
We Are Not Inventory, DeMarco 1:57
SOF and the ARG/MEU, Stevens 1:59

SPIRITUAL FITNESS
Spiritual Fitness, Todd 3:86

STRATEGY & POLICY
Channeling Realism to Avert a War Over Taiwan, Gayl 1:10
The Economics of Warfare, Bender 1:21
North Korea, Black 1:24
The Lessons of Agincourt, Mahoney 1:WE
The Perils of Limited War, Farrell 3:WE
Hybrid Warfare, McGuire 3:WE
The Strategic Skills, Rinaldo 3:WE
Thinking Beyond Dead Germans, Schwartz 4:60
“Katchi Kapshida!”, Crouch 4:WE
Agincourt with Artillery, Mahoney 4:WE
Red and Blue Tides, Black 5:84
The Hybrid Warfare Vulnerability, Hassett 5:88
The Future of Fires, Mahoney 5:WE
Educating to Compete, Fleischaker 5:WE
Thinking Beyond Dead Germans, Schwartz 6:WE
DIME, Higgins 7:64
The Dual Thucydides Trap, Shivnen 8:53
DPR1, Oltman 8:WE
The 9/11 Wars Are Over, Anderson 10:49
Survivorship Bias, Phillips 10:54
China’s Active Defense Military Strategy, Ornelas 10:57
Foreshadowing Far East Conflicts, Hancock 11:60
DPR1, Oltman 11:64
Decentralized Decision Making, Boone 11:67
“Katchi Kapshida!”, Crouch 11:72
China in the Asia-Pacific Cyber Domain, Buck
The Diplomatic Ask, Haynes
Deep Engagement, Lamar

SUICIDE PREVENTION/RESILIENCE
Combating Suicide within the Marine Corps, Capasso
It Starts with Us, Gaudin
Embedded Mental Health, Udell, et al.
Suicide in the Marine Corps, Brackett
Focusing on a Marine’s Tomorrow, Walling
More Lethal, More Survivable...Still Vulnerable, Wehrle
Remembering Things I Never Knew, Wilson
Coping with Death in Combat, DiPietro

TACTICAL DECISION GAMES
Force Design Capability Decision Game 02-21, Staff.
MCWL Wargaming Division
Tactical Decision Game 05-2, Villalobos
Solution to TDG #1-19, Taylor

TALENT MANAGEMENT
Live Feed Promotion Boards, Baldwin
Modernizing Compensation to Prioritize the Corps, Voutsos & West
Many Minds Any Weapon, Duffy
Concerning Command Investigations, Baldwin
Marine Security Guard Detachment Commander, Best
Command Authority, Galvin
It’s Time for a Staff Officer Career Track, Wood
Talent Management for the 21st Century, Humr

TALENT MANAGEMENT/MANPOWER POLICY
The Corps’ Talent Management System, Cillo
Diversity, Equity & Inclusion, Ottignon & Woodworth
The Human Resource Development Process and Manpower Modernization, Staff, Manpower Plans, Programs and Budget Branch, Manpower Plans and Policy Division, M&RA
Sabotaging Ourselves, Schoepf, Borinstein & King
Diversity, Equity & Inclusion, Ottignon & Woodworth
Building a Culture of Loyalty, Couch
Civilian-Marine Talent Management, Mal
Improving Selection Boards, Miner
Quality Over Quantity, Arango, et al.

TRAINING & EDUCATION
Marine Rotational Force-India, Hu
Merit Reconsidered, Walker
Ethics Training, Leggett
Keeping Fire from Private Prometheus, Parker & Waddell

WARGAMING
The Crisis, Jensen
The First Battle, Jensen & Spodarek
The Second Battle, Spodarek & Jensen
The Third Battle, Jensen

WARGAMING/ADVERTISER CONTENT
Board Wargaming Basics, Cummins & Miranda
Rogers’ Rangers, Miranda
Vikings, Miranda
Khe Sanh, Miranda

Author Index
Adair, Marshall, Competing with China
Adsit, Chris, Expeditionary Data
Alampay, Miguel, Embedded Mental Health
Alexander, Jamar, Analog Combat
Alexander, Sean, Changing Tides
Alford, Dale, The Four-Block Littoral Force
Anderson, Michael, The 9/11 Wars Are Over
Ansberry, Connor, Identity of a Service
Anson, Chris, Transformative Logistics Distribution
Anthony, Ty, Taking Foreign Disaster to the Next Level
Arango, Steven, Quality Over Quantity
Arrington, Marc, China’s Quest to Maximize Status and Sovereignty in the South China Sea
Aubin, George J., Joint Force Maritime Logistics
Augier, Mie, Maneuver Warfare for the Mind
— Sustaining Our Competitive Advantage
— Educating for Seapower
Avery, Daniel, BR

Bailey, Sebastian, Gear Without Training is Just Weight
— Small Unmanned Aerial Systems
Bain, Matthew, Logistics Training & Education
Baldwin, Mark L., Live Feed Promotion Boards
— Concerning Command Investigations
Barlow, Aaron, Cross-Functional Maintenance Teams
Barrett, Sean F.X., Maneuver Warfare for the Mind
— Sustaining Our Competitive Advantage
— Educating for Seapower
Bateman, Kirklin, 100 Years of Professional Military Education
Beattie-Callahan, Matthew, Closing the Gray Zone Gap
Beck, Matt, Bits, Bandwidth, and Backscattering
Belet, Daniel M., Countering Obsolescence
Bender, Conor T., The Economics of Warfare
Berg, Nathan, How We Make Marines
Berger, David H., A Letter from the CMC and the SMMC
— A Message From the Commandant of the Marine Corps
Best, Daniel P., Marine Security Guard Detachment Commander

Birchum, Brent C., Avoiding the False Choice
Bishop, Donald M., Inside the WEZ, 2026
— The Many Roles and Phases of Innovation
Bishop, Joseph, One Team, One Fight
Black, John W., North Korea
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Our Integrated Naval Expeditionary Combat Force</td>
<td>Lewis, Amber</td>
<td>4:81</td>
</tr>
<tr>
<td>The Information Renaissance</td>
<td>Lim, Daniel G.</td>
<td>9:47</td>
</tr>
<tr>
<td>The King of Battle Recaptures His Crown?</td>
<td>Lipkin, David</td>
<td>5:55</td>
</tr>
<tr>
<td>Dropping Your Tools</td>
<td>Lloyd, Aaron</td>
<td>2:WE</td>
</tr>
<tr>
<td>Expeditionary Fast Transport Ship</td>
<td>Locker, Jr., Robert</td>
<td>6:WE</td>
</tr>
<tr>
<td>Expeditious Fast Transport Ship</td>
<td>Long III, John G.</td>
<td>12:46</td>
</tr>
<tr>
<td>Hiding in Plain Sight</td>
<td>Lopez, Cesar</td>
<td>8:23</td>
</tr>
<tr>
<td>The Ultra-Light Tactical Vehicle</td>
<td>Lucas, Jonah</td>
<td>3:WE</td>
</tr>
<tr>
<td>Cross-Functional Maintenance Teams</td>
<td>Lynum, Austin</td>
<td>11:39</td>
</tr>
<tr>
<td>Metacognition: The Cognitive Connector</td>
<td>Macias, Jamie</td>
<td>6:77</td>
</tr>
<tr>
<td>With the New Breed</td>
<td>Maggitti, Michael</td>
<td>7:WE</td>
</tr>
<tr>
<td>Director, C4 Letter</td>
<td>Mahlock, Lorna M.</td>
<td>4:11</td>
</tr>
<tr>
<td>The Lessons of Agincourt</td>
<td>Mahoney, Daniel</td>
<td>1:WE</td>
</tr>
<tr>
<td>— Agincourt with Artillery</td>
<td>— The Future of Fires</td>
<td>5:WE</td>
</tr>
<tr>
<td>The 4th Marine Regiment</td>
<td>Majeski, Patrick A.</td>
<td>5:35</td>
</tr>
<tr>
<td>21st Century Foraging</td>
<td>Maldonado, Angel</td>
<td>3:50</td>
</tr>
<tr>
<td>Yes, They Can Hear Us Now</td>
<td>Manuel, Robert</td>
<td>7:52</td>
</tr>
<tr>
<td>— Family War</td>
<td>Marine Corps System Cmd, Automatic Test Systems Team,</td>
<td></td>
</tr>
<tr>
<td>— Agincourt with Artillery</td>
<td>Portfolio Manager Logistics Combat Element Systems,</td>
<td></td>
</tr>
<tr>
<td>— The Future of Fires</td>
<td>Artificial Intelligence (AI) in the Automatic Test Environment</td>
<td>8:20</td>
</tr>
<tr>
<td>the Program Manager for Ammunition Team, Portfolio Manager Logistics</td>
<td>Marine Corps System Cmd, the Program Manager for Ammunition Team,</td>
<td></td>
</tr>
<tr>
<td>Combat Element Systems, 50 Cal Lightweight Ammunition</td>
<td></td>
<td>8:WE</td>
</tr>
<tr>
<td>Battallion, Intelligence-Driven Operation</td>
<td>Marines of Intelligence Co., 1st Marine Raider Support Battallion,</td>
<td>1:28</td>
</tr>
<tr>
<td>Learning from the Germans Part II: The Future</td>
<td>Marinus, Learning from the Germans Part II: The Future</td>
<td>1:92</td>
</tr>
<tr>
<td>— Introducing the Dreikampf</td>
<td>— Introducing the Dreikampf</td>
<td>2:102</td>
</tr>
<tr>
<td>— On Criticality and Vulnerability</td>
<td>— On Criticality and Vulnerability</td>
<td>4:94</td>
</tr>
<tr>
<td>— Maneuver Warfare and the Principles of War</td>
<td>— Maneuver Warfare and the Principles of War</td>
<td>5:101</td>
</tr>
<tr>
<td>— Maneuver Warfare in Cyberspace</td>
<td>— Maneuver Warfare in Cyberspace</td>
<td>6:112</td>
</tr>
<tr>
<td>— Annihilation vs. Attrition</td>
<td>— Annihilation vs. Attrition</td>
<td>8:69</td>
</tr>
<tr>
<td>— On Decentralization</td>
<td>— On Decentralization</td>
<td>9:124</td>
</tr>
<tr>
<td>— Information Operations and Maneuver Warfare</td>
<td>— Information Operations and Maneuver Warfare</td>
<td>10:96</td>
</tr>
<tr>
<td>— Operational Art and Maneuver Warfare</td>
<td>— Operational Art and Maneuver Warfare</td>
<td>11:80</td>
</tr>
<tr>
<td>— On Main Effort</td>
<td>— On Main Effort</td>
<td>12:62</td>
</tr>
<tr>
<td>Continuing the Dialogue</td>
<td>Marinus Era Novum</td>
<td>5:69</td>
</tr>
<tr>
<td>Rifle Company Reconnaissance</td>
<td>Martin, Daniel</td>
<td>5:22</td>
</tr>
<tr>
<td>Recruiting in a COVID Environment</td>
<td>Mayfield, Christopher</td>
<td>7:WE</td>
</tr>
<tr>
<td>A Letter Home from a Marine in the Future</td>
<td>McCarthy, Neal K.</td>
<td>1:67</td>
</tr>
<tr>
<td>Operational Testing Matters</td>
<td>McDaniell, Donald B.</td>
<td>8:17</td>
</tr>
<tr>
<td>Fourth Phase</td>
<td>McDonnell, Bryan</td>
<td>6:12</td>
</tr>
<tr>
<td>Will, The South African War</td>
<td>McGee, Bryan</td>
<td>11:29</td>
</tr>
<tr>
<td>Hybrid Warfare</td>
<td>McGuire, Valerie</td>
<td>3:WE</td>
</tr>
<tr>
<td>2030 Joint Forcible EntryOperations</td>
<td>McGurkin, Daniel L.</td>
<td>1:77</td>
</tr>
<tr>
<td>MCIA Enterprise Ops Center, MCIA’s Enterprise Operations Center</td>
<td>MCI Enterprise Ops Center, MCIA’s Enterprise Operations Center</td>
<td>9:44</td>
</tr>
<tr>
<td>Flicker Operations &amp; Modular Teaming</td>
<td>McMillen, Maria</td>
<td>2:89</td>
</tr>
<tr>
<td>Civil Affairs in Support of Littoral Operations</td>
<td>Melendez, Benjamin</td>
<td>11:48</td>
</tr>
<tr>
<td>Attack Aviation Innovation</td>
<td>Mendizabal, F.</td>
<td>11:26</td>
</tr>
<tr>
<td>Training Command</td>
<td>Meyer, Donald W.</td>
<td>6:19</td>
</tr>
<tr>
<td>Don’t Reinvent the Wheel</td>
<td>Mills, Walker</td>
<td>6:106</td>
</tr>
<tr>
<td>Of Mines and Marines</td>
<td>Minerva, Michael D.</td>
<td>7:WE</td>
</tr>
<tr>
<td>Improving Selection Boards</td>
<td>Miranda, Joseph</td>
<td>12:48</td>
</tr>
<tr>
<td>Art of War</td>
<td>Roger’s Rangers</td>
<td>4:92</td>
</tr>
<tr>
<td>— Putting Art Back in the Art of War</td>
<td>Vikings</td>
<td>5:92</td>
</tr>
<tr>
<td>— Khe Sanh</td>
<td>— Board Wargaming</td>
<td>6:101</td>
</tr>
<tr>
<td>— Board Wargaming: Taking Flight</td>
<td>— Objective Havana</td>
<td>10:84</td>
</tr>
<tr>
<td>Sustaining Our Competitive Advantage</td>
<td>Mike Force</td>
<td>9:102</td>
</tr>
<tr>
<td>New Marine CFT Proposal</td>
<td>Montgomery, Chadd</td>
<td>5:77</td>
</tr>
<tr>
<td>From Land and Sea</td>
<td>Morgan, Jeffery M.</td>
<td>7:9</td>
</tr>
<tr>
<td>All-Volunteer (Recruited) Force</td>
<td>Morris, Michael</td>
<td>6:32</td>
</tr>
<tr>
<td>100 Years of Professional Military Education</td>
<td>Mullen III, William F.</td>
<td>6:46</td>
</tr>
<tr>
<td>The Future of Fires</td>
<td>Mullery, Brian W.</td>
<td>3:33</td>
</tr>
<tr>
<td>21st Century Foraging</td>
<td>Murray, Kate</td>
<td>3:WE</td>
</tr>
<tr>
<td>Cross-Functional Maintenance Teams</td>
<td>Neely, Matthew</td>
<td>1:47</td>
</tr>
<tr>
<td>Future Operating Environment</td>
<td>Neely, Matthew</td>
<td>11:20</td>
</tr>
<tr>
<td>Focus</td>
<td>Nelson, Chase A.</td>
<td>9:88</td>
</tr>
<tr>
<td>Marines in the Space Domain</td>
<td>Nelson, Chris J.</td>
<td>3:WE</td>
</tr>
<tr>
<td>III MEF and Navy Logistics</td>
<td>Newham, Alexander D.</td>
<td>3:92</td>
</tr>
<tr>
<td>New Marine CFT Proposal</td>
<td>Nicholson, Dustin J.</td>
<td>10:33</td>
</tr>
<tr>
<td>Reading to Lead</td>
<td>O’Donnell, Brendan</td>
<td>2:59</td>
</tr>
<tr>
<td>Standby Five Line</td>
<td>O’Shaughnessy, James T.</td>
<td>6:19</td>
</tr>
<tr>
<td>Training Command</td>
<td>Obst, Hannah</td>
<td>3:WE</td>
</tr>
<tr>
<td>Cross-Functional Maintenance Teams</td>
<td>Officers of HQMC PP&amp;O &amp; I&amp;L, Transforming the Maritime</td>
<td>3:12</td>
</tr>
<tr>
<td>Transformation of the Maritime Prepositioning Force</td>
<td>Olsen, Kayla</td>
<td>10:31</td>
</tr>
<tr>
<td>The Warfighter</td>
<td>Oltman, Nick</td>
<td>11:64</td>
</tr>
<tr>
<td>— DPRI</td>
<td>— DPRI</td>
<td>8:WE</td>
</tr>
<tr>
<td>China’s Active Defense Military Strategy</td>
<td>Ornelas, Timothy A.</td>
<td>10:57</td>
</tr>
<tr>
<td>Active Defense Military Strategy</td>
<td>Ota, Evan Zach</td>
<td>2:83</td>
</tr>
<tr>
<td>Littoral Access Companies</td>
<td>— Littoral Operations in a Civil Environment</td>
<td>11:51</td>
</tr>
<tr>
<td>Diversity, Equity &amp; Inclusion</td>
<td>Ottignon, David</td>
<td>7:41</td>
</tr>
<tr>
<td>— Diversity, Equity &amp; Inclusion</td>
<td>Owens, Tomoni</td>
<td>10:6</td>
</tr>
<tr>
<td>Observation Post: Parental Bridge</td>
<td>— Patch That Hole, Marine</td>
<td>5:108</td>
</tr>
<tr>
<td>Taking Foreign Disaster Response to The Next Level</td>
<td>Pagan, David S.</td>
<td>6:94</td>
</tr>
<tr>
<td>How to Do Logistics in EABO</td>
<td>Paik, Laurence</td>
<td>11:34</td>
</tr>
<tr>
<td>Keeping Fire from Private Prometheus</td>
<td>Parker, Andrew</td>
<td>8:55</td>
</tr>
</tbody>
</table>
ANNUAL INDEX

Waddell, Joshua C., Avoiding the False Choice 1:33
— Keeping Fire from Private Prometheus 8:55
Walker, Daniel C., Merit Reconsidered 5:WE
Walling, Joseph R., Focusing on a Marine's Tomorrow 10:86
Walls, James K., Junior Enlisted PME 6:WE
Walzer, Jordan, First to Fight, First to Compete 4:26
Warwick, Allison, Cyber Reconciliation 10:45
— Cyber Reconciliation 9:WE
Watson, Benjamin T., Old Books and New Ideas 2:9
Wehrle, Brian J., More Lethal, More Survivable … Still Vulnerable 10:88
West, Bing, A Force-in-Readiness, or in Stasis? 8:49
West, Travis, Modernizing Compensation to Prioritize the Corps 4:55
Williams, Joseph, Mindlessness in Maneuver Warfare 8:63
Wilson, Brian J., Remembering Things I Never Knew 10:90
— Drowning Our Success 7:WE
Wilson, Christopher, Maritime Space Operations 9:78
Wineman, Bradford, Command & Staff College Centennial 6:110
Wise, Mark R., Marine Corps Aviation: Fight Now, Fight Tomorrow 10:90
— The Next Fight 9:62
Wittle, Steve, Where Does Prior Service Recruiting Fit? 7:WE
Wood, Nathaniel, Pushed to the Edge 4:40
— OP: Time Should Have Priority 4:100
— Hypocrisy 10:17
— It’s Time for a Staff Officer Career Track 10:80
Wood, Thomas D., Explore the “Value Chain” 3:54
— The Seventh Cornerstone Of Naval Operations 12:8
Woodbridge, Chris, Editorial: Special Operations Forces and the Marine Corps 1:3
— Editorial: Innovation and Future Force Design 2:3
— Editorial: Focus on Logistics and Sustainment 3:3
— Editorial: Focus on the Information Environment 4:3
— Editorial: Focus on the Air–Ground Team 5:3
— Editorial: Learning, Training, & Education for Future Readiness 6:3
— Editorial: Focus on Marine Corps Recruiting 7:3
— Editorial: Acquisitions Supporting Force Design 2030 8:3
— Editorial: MCISRE, OIE, and More 9:3
— Editorial: Focusing on Leadership 10:3
— Editorial: 246 Years of “Military Efficiency and Soldierly Virtue” 11:3
— Editorial: A Holiday Mix of Topics 12:3
Woodworth, Jason, Diversity, Equity & Inclusion 7:41
— Diversity, Equity & Inclusion 6:WE
Whalen, Jack, Marine Student Naval Aviators 5:49
Whitcher, James, Articulating Doctrine to Junior Marines 1:89
— Modernizing Military Education 6:98
Williamson, Kelly, Marine Contracting Officers 8:WE
Wilson, G.I., Maneuver Warfare for the Mind 6:38
Winston, Pearl, Marine Contracting Officers 8:WE
— BR 9:134
Wyly, Michael D., Maneuver Warfare for the Mind 6:38
Yang, Eugene, Expeditionary Data 1:82
Young, John E., Redefining Installations for Future Success 8:26
Young, Wynndee, Marine Contracting Officers 8:WE
Zyga, David, Delivering Force Design 2030 8:12

Book & Movie Index
Dick, Charles J., Decisive and Indecisive Military Operations [Skip Crawley] 11:91
Giangreco, D.M., Hell to Pay [Timothy Crawley] 2:108
Gullett, Henry, Not as a Duty Only [Daniel Avery] 5:110
Hoffman, Frank G., Mars Adapting [Skip Crawley] 8:76
Kaplan, Robert D., Asia's Cauldron [Daniel Avery] 5:109
— Monsoon [Charles Dowling] 10:101
— Monsoon [Daniel Avery] 5:109
Lord, Carnes & Andrew S. Erickson, ed., Rebalancing U.S. Forces [Daniel Avery] 5:109
McLeroy, James, Bait [Andrew R. Finlayson] 1:103
McMaster, H.R., Dereliction of Duty: Johnson, McNamara, the Joint Chiefs of Staff, and the Lies That Led to Vietnam [Ryan Casey] 12:66
Poole, J. John, The Iwo Alamo [K.A. Knowles] 1:102
Roberts, Andrew, Churchill [Vince Goulding] 3:94
Ryan, Peter, Fear Drive My Feet [Daniel Avery] 5:110
Singer, Peter & August Cole, Burn In [Jack Long] 9:133
Stockings, Craig, ed., Zombie Myths of Australian History [Daniel Avery] 5:110

Web Edition Articles
January
The Lessons of Agincourt, Mahoney 1:98
The Tea Boiled Over, Pharms 2:78
February
MCA&F Vision & Mission Statements 5:9
Dropping Your Tools, Gordon & Lloyd 8:110
Humans Are More Important Than Hardware, Claudio SMMC “THE “NEW” CORPS”, Black 8:12
March
The Role 2 Light Maneuver Element, Chi & Carlton
Field Level of Maintenance in the Future Operating Environment, Dareus
Making Tactical-Level Logistics More Survivable, Ford
III MEF and Navy Logistics, Nelson with Jones & Hatch
Transformative Logistics Distribution, Anson & Heffern
I Want My Scalps, Quinn
The Perils of Limited War, Farrell
Hybrid Warfare, McGuire
The Strategic Skills, Rinaldo
Flip the Rank Pyramid, Cancian
Low-Cost Unclassified Intelligence, Guthart
Reshaping the Marine Reserves, Cancian
Thinking Beyond Dead Germans, Schwartz

April
China in the Asia-Pacific Cyber Domain, Buck
"Katchi Kapshida!", Crouch
The Reserve Cyber Force, Leming
Agincourt with Artillery, Mahoney

May
Solution to TDG #1-19, Taylor
Marine Rotational Force-India, Hu
Merit Reconsidered, Walker
Ethics Training, Leggett
The Future of Fires, Mahoney
Educating to Compete, Fleischaker

June
Inspector-Instructor Duty, Przybelski
Career White Space, Strand
Junior Enlisted PME, Goff & Walls
It’s About Repetitions, Huff
Competitive vs Compulsory PME, Singleton
How We Make Marines, Berg
The Diplomatic Ask, Haynes
Expeditionary Fast Transport Ship, Locker, Jr.
Thinking Beyond Dead Germans, Schwartz
Read the Red Cell’s Playbook, Curtin
Targeted MOS-Specific PME, Campbell
Diversity, Equity & Inclusion, Ottignon & Woodworth
The Human Resource Development Process and Manpower Modernization, Staff, Manpower Plans, Programs and Budget Branch, Manpower Plans and Policy Division, M&RA
Sabotaging Ourselves, Schoepf, et al.
Observation Post: Gear vs Skills, Hanson

July
Charting a Path to Naval Integration, Burton
Many Minds Any Weapon, Duffy
Decentralized Decision Making, Boone
Putting Art Back in the Art of War, Minerva
Recruiting the Reserve Force, Phippen
Recruiting in a COVID Environment, Mayfield

With the New Breed, Maggitti
Where Does Prior Service Recruiting Fit?, Wittle
Drowning Out Success, Wilson
Educating for Seapower, Augier & Barrett
Recruiting-Focused Social Media, Sanchez, Jr.

August
Hindsight Is 20/20, Jones
.50 Cal Lightweight Ammunition, the Program Manager for Ammunition Team, Portfolio Manager Logistics Combat Element Systems, Marine Corps Systems Command
DPRI, Oltman
Marine Security Guard Detachment Commander, Best
Command Authority, Galvin
Marine Contracting Officers, Young, et al.

September
Cyber Reconnaissance, Warwick & DiPalma
The Seventh Warfighting Function, Klonowski

October
Observation Post: Parental Bridge, Owens
The Permanent Military Professor Program, Shuman
Quality Over Quantity, Arango, et al.

November
A Practitioners Approach to 21st Century Leadership, Chase & Greenwood
Talent Management for the 21st Century, Humr

Featured Blog Posts

CTA: Are Joint Forcible Entry Operations Still Viable?

CTA: Race In The Marine Corps: Let’s Have The Discussion
The Tea Boiled Over, Pharms
Marine Corps Great Leaders: LtGen Ronald L. Bailey (USMC, Retired), Masters Jr.
Marine Corps Great Leaders: Colonel Gilda A. Jackson (USMC Retired), Chaplain, Wilson
LTG Frank Petersen (USMC Retired): Visionary, Leader, Pioneer, Russell

CTA: Where Does Duty Lie?
Ignorance and Arrogance Exposed, Krulak
Letter to the Editor: Dereliction of Duty, Hoffman
Leading Through Change, Grice
Warriors and Their Lawyers, Lindsey
Rethinking ‘Loyalty’, Hesford, Jr.
The Current State of Marine Corps Leadership, Bednar
Innovative Warrior, Karste, et al.

CTA: Sexual Assault Prevention and Response (SAPR)
Absolution of collateral misconduct will increase false sexual assault allegations in the DoD, Warfield