GW Maritime Medical Access

- Founded in 1989
- Provides 24/7/365 Medical Advice to Vessels, Aircraft, & Remote Locations around the World.
- Board Certified, Practicing, Academic Emergency Medicine Physicians
- Clients include shipping, fishing, and research vessels, business aviation, cruise lines, pleasure craft, government teams & remote locations
- Medical, logistical & operational support
GW MMA Physician Leadership

Dr. Francis O’Connell
*Medical Director*
- 3 years with GW MMA
- Coast Guard Academy Graduate
- 10+ years of USCG service

Dr. Keith Boniface
*Associate Medical Director*
- 13 years with GW MMA
- Maritime Health expert
- National leader in emergency ultrasonography

Dr. Neal Sikka
*Associate Medical Director*
- 12 years with GW MMA
- National leader in telemedicine and m-health
GW MMA Staff

GW MMA Clinical Coordinators
- Emergency & Remote Medicine Trained PA-Cs
- Case Management
- Newsletters & Medical Advisories
- Other Clinical & Administrative functions

GW MMA Program Administrator
- Primary client liaisons for all Services
- Direct and oversee all operations
- Provide ancillary support services
Worldwide Emergency Communication Center

- Communication & Operations hub for all MMA services
- Staffed by EMTs & Paramedics
- Instant access to client information, medical records, & medical formularies
- Custom-built database of global medical facilities & capabilities
- Secure storage & management of medical & operational records
WECC Infrastructure & Technology

Communications
- Phone, e-mail, fax
- Secure telemedicine systems
- Secure video conferencing

Unified Medical Records Database
- Custom-built electronic health record

Comprehensive Operational System
- Custom-built operational database system

Telemedical Systems Compatibility
- System-agnostic Communication Center
- DigiGone & Tempus i2i

Integration with 52 Medical Specialties
UNOLS 2016 Services Overview

36 Unique Cases
- 2 Diversions
- 2 Evacuations
- NFFD - 22% of Cases
- 11 UNOLS Vessels
- Average of 6 days per case

152 Encounters
- 4.2 Encounters per Case
- Average of 14 Minutes Per Encounter
Cases By Month

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<th>Month</th>
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<tr>
<td>Mar-17</td>
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2016 Cases By Chief Complaint

**Chief Complaint** | **Number of Cases**
--- | ---
Respiratory | 5
Infection-skin | 4
Infection-throat | 4
Orthopedic | 4
GI | 3
Infection-tooth | 3
Infection-eye | 2
Infection-other | 2
Eye problem | 2
Infectious contact | 1
Atraumatic pain | 1
Infection-ear | 1
Back Pain | 1
Psychiatric problem | 1
Dermatological | 1
Cardiac | 1
Case Severities

**Minor-** treat and release, requires minimal follow up
- Upper respiratory infections, minor trauma

**Intermediate-moderate acuity or complexity**
- Non-resolving infections, shortness of breath
- Often results in NFFD

**Major- high acuity patient**
- Bone fractures, appendicitis, potential for life threatening emergency

**Critical- Immediate life threatening emergency**
- Major hemorrhage, loss of consciousness, major cardiac problems
- No cases this year met this criteria
Cases By Severity

- Minor: 67%
- Intermediate: 19%
- Major: 14%
2016 Encounters By Vessel
Contact Us

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“MMA has provided very fast responses with follow up questions and treatment that help crew members return to good health as quickly as possible.”
-Fishing Vessel Captain