



LOS ANGELES *City* FIRE DEPARTMENT

SPECIAL OPERATIONS UNIT



CYCLE TEAM

- 16 years of ALS deployments
- 122 member staffing
- 5000 hrs/ year of coverage



CRITICAL IMPACT OF THE CYCLE TEAM



- EARLY DEFIBRILLATION
- EARLY ALS LEVEL OF CARE
- ACCESS THROUGH DENSE SPECTATORS / ROAD CLOSURES
- LAX COVERAGE MINIMIZING HEAVY APPARATUS RESPONSE





LOS ANGELES *City* FIRE DEPARTMENT



**M.I.H /MEDICAL DISPATCH
SUPPORT**



LOS ANGELES *City* FIRE DEPARTMENT



Tactical EMS Specialist

- In 2008 L.A.P.D S.W.A.T Officer was shot in the “Line of Duty” and died as a result of uncontrolled hemorrhage.
- The LAFD TEMS Unit is a forward leaning innovation that reflects the current reality of our world today.
- LAFD TEMS Unit is a group of highly trained & experienced firefighter / paramedics who are embedded with Law Enforcement officers & capable of responding into “Active Shooter” incidents.



LOS ANGELES *City* FIRE DEPARTMENT

- 1 Captain, 8 Firefighter / Paramedics
 - All S.W.A.T Certified (unarmed)
- Co-Respond To any LAPD S.W.A.T response in Los Angeles County
- Approx: 175 deployments / year average
- Stand-by: 24HR / 7 day/week
 - Large Scale / High Risk L.E. Incidents
- Assist local & Federal agencies
 - Homeland Security, FBI, DA Special Response Team



LOS ANGELES *City* FIRE DEPARTMENT



TIERED DISPATCH SYSTEM SUPPORT UNIT



(TDS) Support Dispatch Manager

- Oversee CAD support and Dispatch Quality Improvement units
- Supervise TDS Certification, Training, & Continuing Education for all MFC members
- Align TDS dispatch algorithms w/ Patient Disposition Policy & update the TDS software & card sets to ensure compliance
- Metric review for Fire Incident Unit Resource Assignments & effect changes based on safety & efficiency



Dispatch Quality Improvement



- Analyze dispatcher interactions for accuracy and effective resource deployment

Conduct cardiac arrest study and evaluate interactions that have a negative outcome

Training MFC dispatchers on current policy & TDS algorithms

Improve TDS processes to make changes that impact delivery in coordination with Dispatch Manager

Redact and provide requested audio for CPRA requests

Data analysis to create actionable metrics based on real time information

Maintain & Develop data systems in coordination w/ ITA & ITB, including VPI support and new Motorola system roll out.

Changed Add NEW STATUS IF CHANGED

Dispatch Date	Time	Case Number	Status
2023-09 SEPT	22	20230920188	UN
2023-09 SEPT	22	20230920189	UN
2023-09 SEPT	23	20230920190	UN
2023-09 SEPT	23	20230920191	UN
2023-09 SEPT	24	20230920192	UN
2023-09 SEPT	24	20230920193	UN
2023-09 SEPT	24	20230920194	UN
2023-09 SEPT	24	20230920195	UN
2023-09 SEPT	24	20230920196	UN
2023-09 SEPT	24	20230920197	UN
2023-09 SEPT	24	20230920198	UN
2023-09 SEPT	24	20230920199	UN
2023-09 SEPT	24	20230920200	UN
2023-09 SEPT	24	20230920201	UN
2023-09 SEPT	24	20230920202	UN
2023-09 SEPT	24	20230920203	UN
2023-09 SEPT	24	20230920204	UN
2023-09 SEPT	24	20230920205	UN
2023-09 SEPT	24	20230920206	UN
2023-09 SEPT	24	20230920207	UN
2023-09 SEPT	24	20230920208	UN
2023-09 SEPT	24	20230920209	UN
2023-09 SEPT	24	20230920210	UN
2023-09 SEPT	24	20230920211	UN
2023-09 SEPT	24	20230920212	UN
2023-09 SEPT	24	20230920213	UN
2023-09 SEPT	24	20230920214	UN
2023-09 SEPT	24	20230920215	UN
2023-09 SEPT	24	20230920216	UN
2023-09 SEPT	24	20230920217	UN
2023-09 SEPT	24	20230920218	UN
2023-09 SEPT	24	20230920219	UN
2023-09 SEPT	24	20230920220	UN
2023-09 SEPT	24	20230920221	UN
2023-09 SEPT	24	20230920222	UN
2023-09 SEPT	24	20230920223	UN
2023-09 SEPT	24	20230920224	UN
2023-09 SEPT	24	20230920225	UN
2023-09 SEPT	24	20230920226	UN
2023-09 SEPT	24	20230920227	UN
2023-09 SEPT	24	20230920228	UN
2023-09 SEPT	24	20230920229	UN
2023-09 SEPT	24	20230920230	UN
2023-09 SEPT	24	20230920231	UN
2023-09 SEPT	24	20230920232	UN
2023-09 SEPT	24	20230920233	UN
2023-09 SEPT	24	20230920234	UN
2023-09 SEPT	24	20230920235	UN
2023-09 SEPT	24	20230920236	UN
2023-09 SEPT	24	20230920237	UN
2023-09 SEPT	24	20230920238	UN
2023-09 SEPT	24	20230920239	UN
2023-09 SEPT	24	20230920240	UN
2023-09 SEPT	24	20230920241	UN
2023-09 SEPT	24	20230920242	UN
2023-09 SEPT	24	20230920243	UN
2023-09 SEPT	24	20230920244	UN
2023-09 SEPT	24	20230920245	UN
2023-09 SEPT	24	20230920246	UN
2023-09 SEPT	24	20230920247	UN
2023-09 SEPT	24	20230920248	UN
2023-09 SEPT	24	20230920249	UN
2023-09 SEPT	24	20230920250	UN
2023-09 SEPT	24	20230920251	UN
2023-09 SEPT	24	20230920252	UN
2023-09 SEPT	24	20230920253	UN
2023-09 SEPT	24	20230920254	UN
2023-09 SEPT	24	20230920255	UN
2023-09 SEPT	24	20230920256	UN
2023-09 SEPT	24	20230920257	UN
2023-09 SEPT	24	20230920258	UN
2023-09 SEPT	24	20230920259	UN
2023-09 SEPT	24	20230920260	UN
2023-09 SEPT	24	20230920261	UN
2023-09 SEPT	24	20230920262	UN
2023-09 SEPT	24	20230920263	UN
2023-09 SEPT	24	20230920264	UN
2023-09 SEPT	24	20230920265	UN
2023-09 SEPT	24	20230920266	UN
2023-09 SEPT	24	20230920267	UN
2023-09 SEPT	24	20230920268	UN
2023-09 SEPT	24	20230920269	UN
2023-09 SEPT	24	20230920270	UN
2023-09 SEPT	24	20230920271	UN
2023-09 SEPT	24	20230920272	UN
2023-09 SEPT	24	20230920273	UN
2023-09 SEPT	24	20230920274	UN
2023-09 SEPT	24	20230920275	UN
2023-09 SEPT	24	20230920276	UN
2023-09 SEPT	24	20230920277	UN
2023-09 SEPT	24	20230920278	UN
2023-09 SEPT	24	20230920279	UN
2023-09 SEPT	24	20230920280	UN
2023-09 SEPT	24	20230920281	UN
2023-09 SEPT	24	20230920282	UN
2023-09 SEPT	24	20230920283	UN
2023-09 SEPT	24	20230920284	UN
2023-09 SEPT	24	20230920285	UN
2023-09 SEPT	24	20230920286	UN
2023-09 SEPT	24	20230920287	UN
2023-09 SEPT	24	20230920288	UN
2023-09 SEPT	24	20230920289	UN
2023-09 SEPT	24	20230920290	UN
2023-09 SEPT	24	20230920291	UN
2023-09 SEPT	24	20230920292	UN
2023-09 SEPT	24	20230920293	UN
2023-09 SEPT	24	20230920294	UN
2023-09 SEPT	24	20230920295	UN
2023-09 SEPT	24	20230920296	UN
2023-09 SEPT	24	20230920297	UN
2023-09 SEPT	24	20230920298	UN
2023-09 SEPT	24	20230920299	UN
2023-09 SEPT	24	20230920300	UN
2023-09 SEPT	24	20230920301	UN
2023-09 SEPT	24	20230920302	UN
2023-09 SEPT	24	20230920303	UN
2023-09 SEPT	24	20230920304	UN
2023-09 SEPT	24	20230920305	UN
2023-09 SEPT	24	20230920306	UN
2023-09 SEPT	24	20230920307	UN
2023-09 SEPT	24	20230920308	UN
2023-09 SEPT	24	20230920309	UN
2023-09 SEPT	24	20230920310	UN
2023-09 SEPT	24	20230920311	UN
2023-09 SEPT	24	20230920312	UN
2023-09 SEPT	24	20230920313	UN
2023-09 SEPT	24	20230920314	UN
2023-09 SEPT	24	20230920315	UN
2023-09 SEPT	24	20230920316	UN
2023-09 SEPT	24	20230920317	UN
2023-09 SEPT	24	20230920318	UN
2023-09 SEPT	24	20230920319	UN
2023-09 SEPT	24	20230920320	UN
2023-09 SEPT	24	20230920321	UN
2023-09 SEPT	24	20230920322	UN
2023-09 SEPT	24	20230920323	UN
2023-09 SEPT	24	20230920324	UN
2023-09 SEPT	24	20230920325	UN
2023-09 SEPT	24	20230920326	UN
2023-09 SEPT	24	20230920327	UN
2023-09 SEPT	24	20230920328	UN
2023-09 SEPT	24	20230920329	UN
2023-09 SEPT	24	20230920330	UN
2023-09 SEPT	24	20230920331	UN
2023-09 SEPT	24	20230920332	UN
2023-09 SEPT	24	20230920333	UN
2023-09 SEPT	24	20230920334	UN
2023-09 SEPT	24	20230920335	UN
2023-09 SEPT	24	20230920336	UN
2023-09 SEPT	24	20230920337	UN
2023-09 SEPT	24	20230920338	UN
2023-09 SEPT	24	20230920339	UN
2023-09 SEPT	24	20230920340	UN
2023-09 SEPT	24	20230920341	UN
2023-09 SEPT	24	20230920342	UN
2023-09 SEPT	24	20230920343	UN
2023-09 SEPT	24	20230920344	UN
2023-09 SEPT	24	20230920345	UN
2023-09 SEPT	24	20230920346	UN
2023-09 SEPT	24	20230920347	UN
2023-09 SEPT	24	20230920348	UN
2023-09 SEPT	24	20230920349	UN
2023-09 SEPT	24	20230920350	UN
2023-09 SEPT	24	20230920351	UN
2023-09 SEPT	24	20230920352	UN
2023-09 SEPT	24	20230920353	UN
2023-09 SEPT	24	20230920354	UN
2023-09 SEPT	24	20230920355	UN
2023-09 SEPT	24	20230920356	UN
2023-09 SEPT	24	20230920357	UN
2023-09 SEPT	24	20230920358	UN
2023-09 SEPT	24	20230920359	UN
2023-09 SEPT	24	20230920360	UN
2023-09 SEPT	24	20230920361	UN
2023-09 SEPT	24	20230920362	UN
2023-09 SEPT	24	20230920363	UN
2023-09 SEPT	24	20230920364	UN
2023-09 SEPT	24	20230920365	UN
2023-09 SEPT	24	20230920366	UN
2023-09 SEPT	24	20230920367	UN
2023-09 SEPT	24	20230920368	UN
2023-09 SEPT	24	20230920369	UN
2023-09 SEPT	24	20230920370	UN
2023-09 SEPT	24	20230920371	UN
2023-09 SEPT	24	20230920372	UN
2023-09 SEPT	24	20230920373	UN
2023-09 SEPT	24	20230920374	UN
2023-09 SEPT	24	20230920375	UN
2023-09 SEPT	24	20230920376	UN
2023-09 SEPT	24	20230920377	UN
2023-09 SEPT	24	20230920378	UN
2023-09 SEPT	24	20230920379	UN
2023-09 SEPT	24	20230920380	UN
2023-09 SEPT	24	20230920381	UN
2023-09 SEPT	24	20230920382	UN
2023-09 SEPT	24	20230920383	UN
2023-09 SEPT	24	20230920384	UN
2023-09 SEPT	24	20230920385	UN
2023-09 SEPT	24	20230920386	UN
2023-09 SEPT	24	20230920387	UN
2023-09 SEPT	24	20230920388	UN
2023-09 SEPT	24	20230920389	UN
2023-09 SEPT	24	20230920390	UN
2023-09 SEPT	24	20230920391	UN
2023-09 SEPT	24	20230920392	UN
2023-09 SEPT	24	20230920393	UN
2023-09 SEPT	24	20230920394	UN
2023-09 SEPT	24	20230920395	UN
2023-09 SEPT	24	20230920396	UN
2023-09 SEPT	24	20230920397	UN
2023-09 SEPT	24	20230920398	UN
2023-09 SEPT	24	20230920399	UN
2023-09 SEPT	24	20230920400	UN
2023-09 SEPT	24	20230920401	UN
2023-09 SEPT	24	20230920402	UN
2023-09 SEPT	24	20230920403	UN
2023-09 SEPT	24	20230920404	UN
2023-09 SEPT	24	20230920405	UN
2023-09 SEPT	24	20230920406	UN
2023-09 SEPT	24	20230920407	UN
2023-09 SEPT	24	20230920408	UN
2023-09 SEPT	24	20230920409	UN
2023-09 SEPT	24	20230920410	UN
2023-09 SEPT	24	20230920411	UN
2023-09 SEPT	24	20230920412	UN
2023-09 SEPT	24	20230920413	UN
2023-09 SEPT	24	20230920414	UN
2023-09 SEPT	24	20230920415	UN
2023-09 SEPT	24	20230920416	UN
2023-09 SEPT	24	20230920417	UN
2023-09 SEPT	24	20230920418	UN
2023-09 SEPT	24	20230920419	UN
2023-09 SEPT	24	20230920420	UN
2023-09 SEPT	24	20230920421	UN
2023-09 SEPT	24	20230920422	UN
2023-09 SEPT	24	20230920423	UN
2023-09 SEPT	24	20230920424	UN
2023-09 SEPT	24	20230920425	UN
2023-09 SEPT	24	20230920426	UN
2023-09 SEPT	24	20230920427	UN
2023-09 SEPT	24	20230920428	UN
2023-09 SEPT	24	20230920429	UN
2023-09 SEPT	24	20230920430	UN
2023-09 SEPT	24	20230920431	UN
2023-09 SEPT	24	20230920432	UN
2023-09 SEPT	24	20230920433	UN
2023-09 SEPT	24	20230920434	UN
2023-09 SEPT	24	20230920435	UN
2023-09 SEPT	24	20230920436	UN
2023-09 SEPT	24	20230920437	UN
2023-09 SEPT	24	20230920438	UN

LOS ANGELES *City* FIRE DEPARTMENT

MOBILE



INTEGRATED HEALTH UNIT





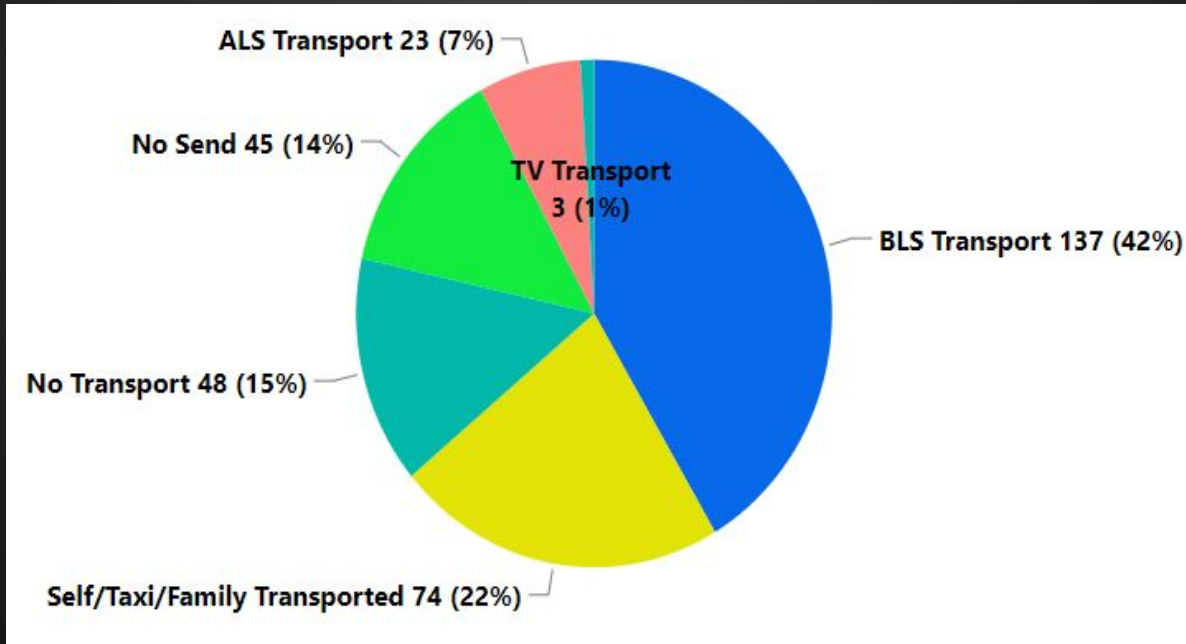
Telemedicine Program

- Addresses frequent low acuity calls
- Reduce Field Impact to Rescue Ambulances and Hospitals
- One Advanced Provider at MFC
- LAFD's Only "No Send" Policy
- Potential for expansion into fire/rescue





TELEMEDICINE POST - TRIAGE RESULTS





APRU

Advanced Provider Response Unit



Firefighter/
Paramedic



Advanced Provider
(Nurse Practitioner
or Physician Assistant)



Innovative approach
to
enhance emergency
response capabilities



Provides...



43% of the time
an APRU cancels
an engine or truck



42% of the time
an APRU cancels
EMT or paramedic
ambulance



25 - 50% of patients
are treated and
released on scene

- ◆ comprehensive medical assessments & treatments
- ◆ ability to clear patients for transport to sobering centers or psychiatric urgent care centers
- ◆ mobile urgent care services
- ◆ social services referrals for housed and unhoused individuals
- ◆ advanced mental health crisis management including involuntary (5150) holds

Highlights...

- ◆ increases availability of ambulances and fire companies
- ◆ improves response times and patient offload times
- ◆ provides a higher level of service
- ◆ decreases patient volume in emergency rooms
- ◆ equipped with advanced medical technology

LOS ANGELES *City* FIRE DEPARTMENT

ADVANCED PROVIDER UNIT

APRU





LOS ANGELES *City* FIRE DEPARTMENT



Highlights...

- ◆ targets high impact areas of the city
- ◆ lightweight vehicle with a small fire pump to handle initial attack on outside fires
- ◆ equipped as Advanced Life Saving (ALS) Mobile Intensive Care Units
- ◆ performs rapid, on-scene triage
- ◆ rapid response to EMS resulting in decreased response times
- ◆ increases resource availability, leaving other apparatus available for what they are designed to handle
- ◆ allows access to areas heavy apparatus cannot typically reach
- ◆ performs patrol missions to scout out and pre fire plan people experiencing homelessness (PEH) camps and fire hazards in the brush interference

FAST RESPONSE VEHICLE

FRV



90% of responses are less than 5 minutes



75% of the time FRVs are the first ALS unit on scene



67% of the time FRVs cancel heavy apparatus



48% of incidents are handled by FRV alone

