



**SCDF**  
The Life Saving Force



A N N U A L  
R E P O R T  
W O R K Y E A R 2 0 1 5 / 1 6

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## Mission



To Protect and Save Lives and Property for a Safe and Secure Singapore

## Vision



A World-Leading Life Saving Force





## Commissioner's Foreword

2015 was a very special year for Singapore as we celebrated our Golden Jubilee. It was also a year of reunion and nostalgic remembrance for SCDF pioneer officers and staff. Some of these veterans proudly volunteered to represent the SCDF in the Vintage Parade segment of the National Day Parade 2015. Many of them also attended the 'SG50 Gala Dinner for SCDF Pioneer Officers' which was organised in honour of their invaluable years of dedicated service to the nation since the days of the Singapore Fire Service (predecessor to SCDF). The dinner and series of SG50 activities organised by the Ministry of Home Affairs was an opportune moment for the current generation of SCDF officers and staff to connect with our organisation's past and rich legacy, and to appreciate the significant responsibility entrusted upon them in continuing the SCDF journey into the next lap.

Like our young nation which has evolved in the past fifty years to emerge as a developed country, the young SCDF has also evolved and grown in stature. Today, we are a reputable and forward-looking emergency response force globally with our own Urban Search and Rescue (USAR) team that is certified by the United Nations. SCDF has been actively involved in many humanitarian and disaster

relief missions in the Asia Pacific region since 1990, such as in the aftermath of the Nepal earthquake in April 2015. As an active member of the global fraternity of disaster managers, SCDF is also committed to improve the development of the USAR capability in the region. For instance, our Civil Defence Academy had conducted over 70 international USAR courses for some 1600 participants from the Asia Pacific region and beyond.

Locally, the SCDF was accorded the Singapore Quality Award with Special Commendation (SQASC) in October last year. We are one of the nine organisations in Singapore to receive this pinnacle Business Excellence Award since its inception in 2006. Achieving this award is a significant milestone and recognition for our sustained global leadership in our field of expertise, practices and results despite being one of the leanest emergency response organisations in the world. It is also a testimony to the passion and sheer determination of SCDF men and women towards our noble calling, and a reflection of the stupendous support we received from our active volunteers and partners all these years.

The SCDF is an organisation with an

altruistic and compelling mission to protect and save lives and property. Every day round-the-clock, our on-duty uniformed career officers, Full-Time National Servicemen, Operationally Ready National Servicemen and even volunteers from the Civil Defence Auxiliary Unit (CDAU) put themselves in harm's way to respond to fire, rescue and emergency medical calls. In last year alone, SCDF responded to over 170,000 such emergency calls. This translates to over 460 emergency calls daily.

Today, Singapore has a network of 20 fire stations and 29 fire posts strategically located across the country. The latest SCDF's response base is Sentosa Fire Station to manage emergency response within Sentosa Island and its surrounding vicinity. Besides investing on infrastructural developments, SCDF has also been constantly reviewing and improving our operational capabilities through innovative ideas and leveraging on latest state-of-the-art technology. Innovation is very much the DNA of the SCDF. The innovative spirit and quest towards transformational improvement in our modus operandi run deep and permeate all levels of the organisation.

## Cont'd

One of SCDF's signature frontline appliances is the Light Fire Attack Vehicle (LFAV) or Red Rhino. The very 1st generation of LFAV was introduced in year 2000 while the latest 5th generation LFAV or LF5G was launched in November 2015 during the Home Team Festival. The Singapore-made LFAV series reflects a 15-year journey of SCDF's unwavering innovative spirit towards continual improvement, with each generation of LFAV building on the successes of its earlier generations to enhance its operational prowess in the context of the operating environment. Today, the LFAV is the first compact urban firefighting vehicle in the world to harness the Compressed Air Foam technology for swift fire suppression. It extinguishes fire four times faster than water and uses 70% less water than the conventional water pump

of a fire engine. The LF5G is a true embodiment of an innovation-within-an-innovation design.

In line with SCDF Vision 2025 to build 'A Nation of Lifesavers', we have taken a leap in our community engagement framework from building awareness on emergency preparedness to levelling up the core competencies of the community to be first responders during emergencies. A key initiative under this new framework is the launch of the myResponder mobile application in April last year. This innovative means of tapping the ubiquity of smartphone users in Singapore to improve the survival rate of cardiac arrest victims is part of the IDA-led Smart Nation initiative and has attained the 'ASEAN ICT Award 2015'.

More importantly, this one-year initiative has not only led to a proliferation of trained Community First Responders in our society but has saved the lives of cardiac arrest victims. An example of a success story of community first response is featured in this annual report. Recently, Ms Michelle Lim responded to the myResponder mobile application alert from her mobile phone and successfully revived a gentleman suffering from a cardiac arrest.

We need more Community First Responders like Ms Lim to promptly step forward to help those in distress prior to SCDF's arrival. Such a collaborative effort between the Community First Responders and SCDF Emergency Responders will go a long way towards making Singapore an emergency ready nation. At a

macro level, this forms an integral part of SG Secure which is a call to action for members of the community to be vigilant, trained and prepared to help one another to safeguard our way of life against the terrorism threat.

On that note, let me conclude by highlighting that a busy yet meaningful year awaits the SCDF in the upcoming work year and we look forward to work hand-in-hand with our partners and the community towards building 'A Nation of Lifesavers' for a safe and secure Singapore.

ERIC YAP  
COMMISSIONER  
SINGAPORE CIVIL DEFENCE FORCE

(Left to Right): COMR Eric Yap (Commissioner SCDF), SAC Chong Hoi Hung (Senior Director, Policy and Corporate Services) and DC Jackson Lim (Deputy Commissioner SCDF). Not in Picture: SAC Anwar Abdullah (Senior Director, Emergency Services)



## SCDF Senior Management



## SCDF Senior Management



### Back Row (Left to Right):

COL Ling Young Ern (Director, Operations Department), COL Yazid Abdullah (Director, Medical Department), COL Lee Yam Ming (Director, Strategic Planning Department), COL Lee Bee Hong (Director, National Service Personnel Department), SAC Christopher Tan (Director, Fire Safety and Shelter Department), LTC Ling Kok Yong (Director, Technology Department), Mr Ivan Chua (Director, Finance Department)

### Front Row (Left to Right):

Ms Carolyn Yap (Director, Manpower Department), COL (Dr) Ng Yih Yng (Chief Medical Officer, Medical Department), COL Abdul Razak (Director, Public Affairs Department and concurrently, Director, Volunteer and Community Partnership Department), COL Francis Ng (Director, HazMat Department), COL Ng Chee Kiang (Director, Service Excellence Department), COL Lian Wee Teck (Director, Central Enforcement Department), AC Chin Lai Fong (Director, Logistics Department)





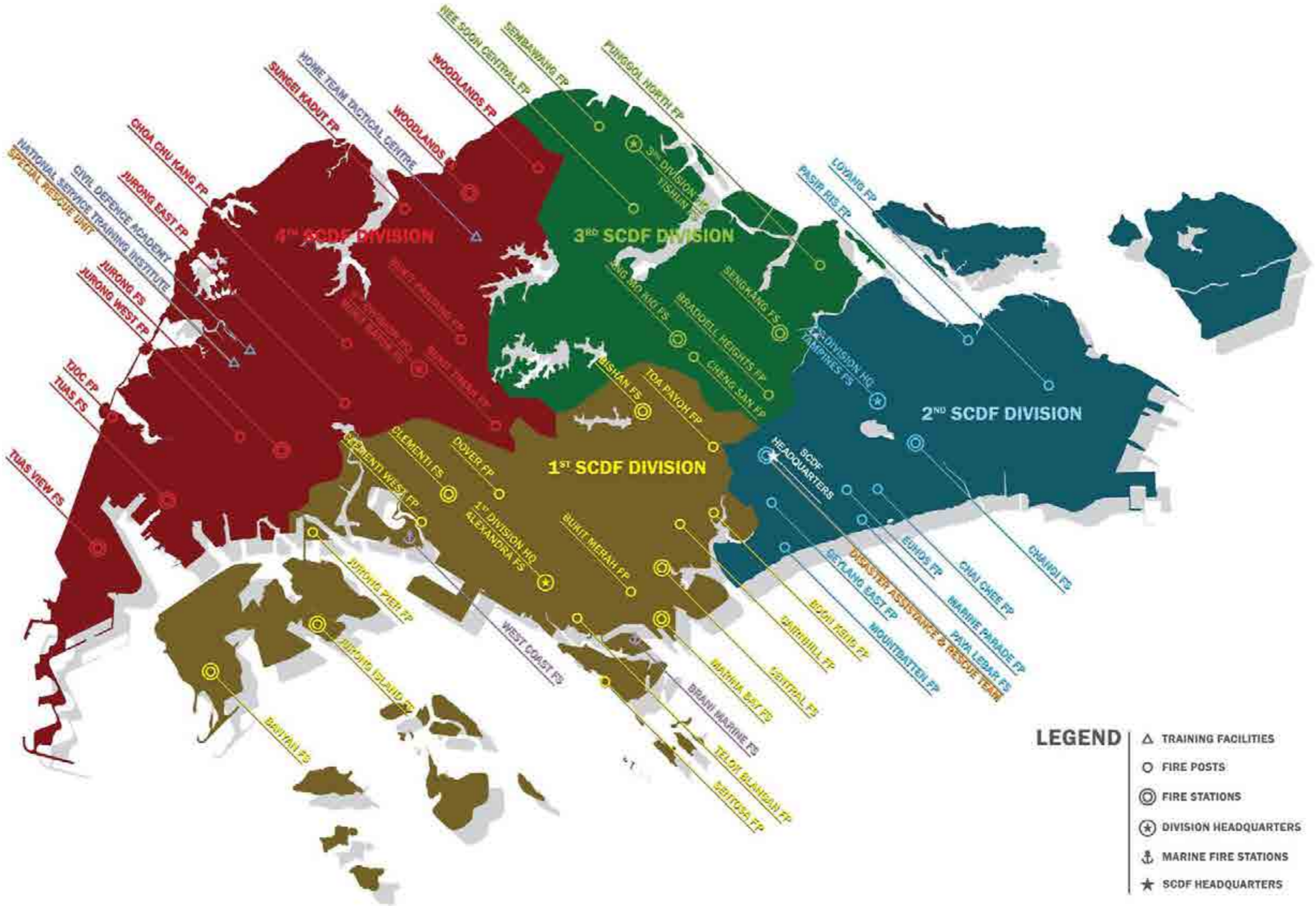
**SCDF  
Division  
Commanders**



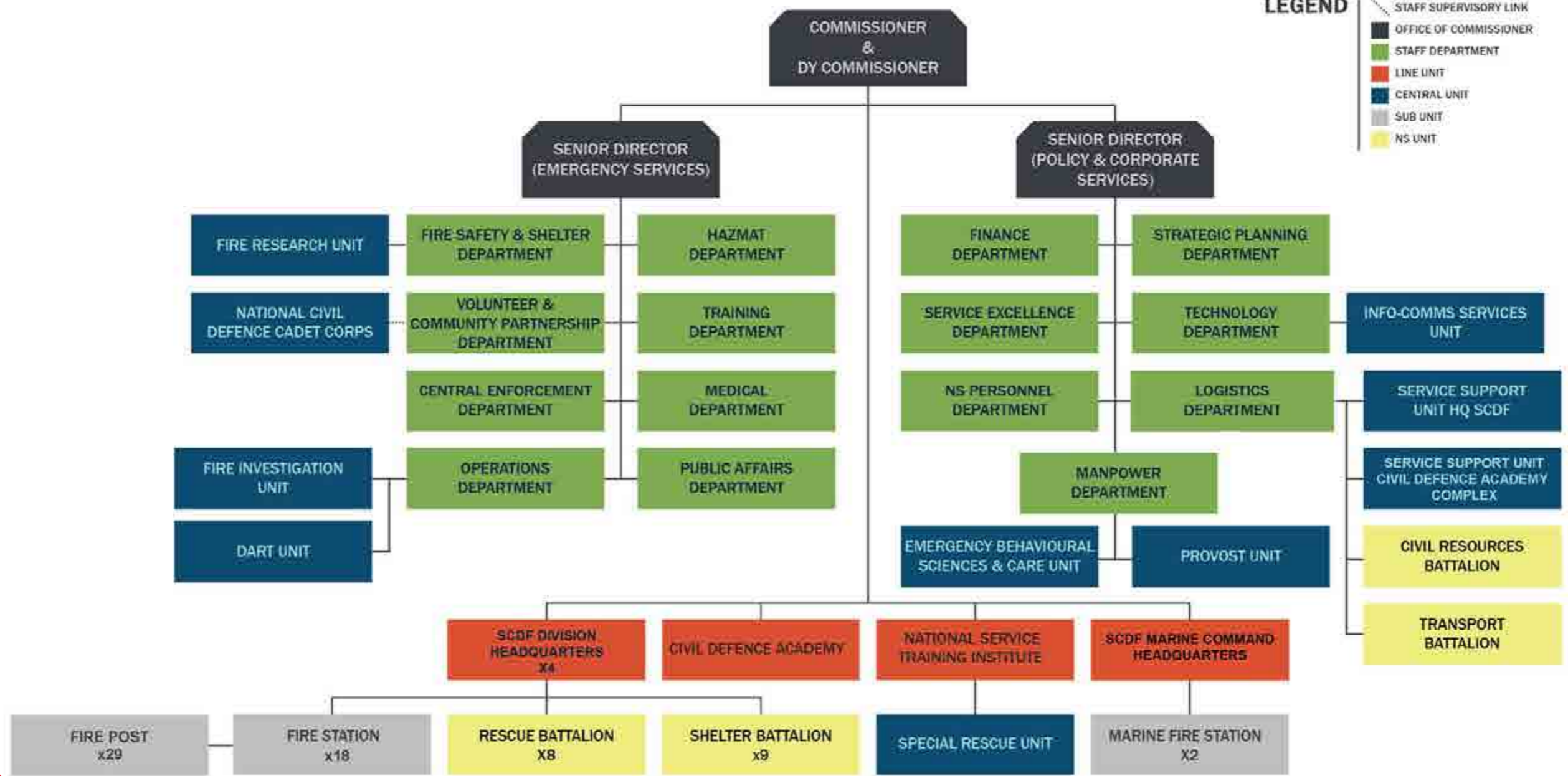
**(Left to Right):** COL Derek Tan (Commander, SCDF Marine Command), COL Kadir Maideen (Director, National Service Training Institute), LTC Alan Chow (Commander, 1st SCDF Division), COL Teong How Hwa (Director, Civil Defence Academy), LTC Eric Chua (Commander, 3rd SCDF Division), LTC Michael Chua (Commander, 4th SCDF Division), COL Alan Toh (Commander, 2nd SCDF Division)



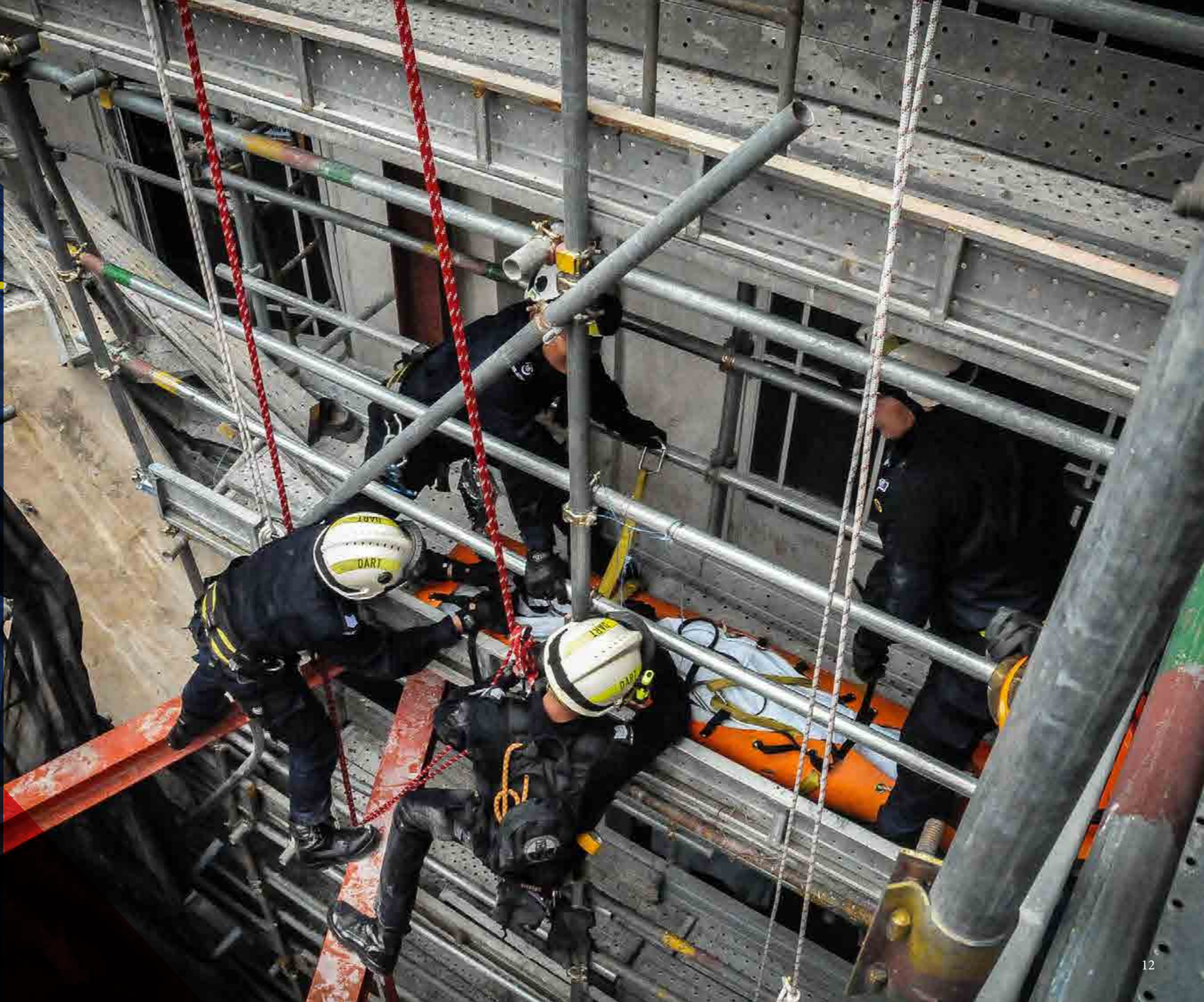
# SCDF Establishments



# SCDF Organisation Structure



Operational  
Excellence





## Exercise Northstar 9



As the Incident Manager of Civil Emergencies in Singapore, SCDF periodically spearheads a mega exercise, known as Exercise Northstar that involves the Homefront agencies. Exercises such as this serve to validate the response plans, readiness and coordination among agencies.

The ninth series of Exercise Northstar (Ex Northstar 9), held on 9 May 2015, was based on a multiple terror attack scenario that occurred at the Singapore Sports Hub, Kallang Wave Mall and Stadium MRT station.

Observed by Prime Minister Lee Hsien Loong and a few Cabinet Ministers, Ex Northstar 9 saw the involvement of approximately 600 staff from 15 agencies and 1,300 volunteers. The volunteers include members of the Civil Defence Lionhearter Clubs, People's Association Youth Movement, Civil Defence Auxiliary Unit, National Civil Defence Cadet Corps and student leaders.

The youngest volunteer was Ms Nur Puteri Bte Khir Ramley Janaton at 4 years old while the oldest volunteers were a couple, Mr Francis Ng and Mrs Catherine Loh at 75 years old.



4 years old Ms Nur Puteri Bte Khir Ramley Janaton with PM Lee Hsien Loong and her family members.

# National Day Parade 2015



The National Day Parade 2015 (NDP15) that commemorated Singapore's 50th year of independence was held at the Padang. It was also the same venue where Singapore's first NDP was held in 1966.



**National Day  
Parade 2015  
Vintage  
Parade  
Segment**



Besides the yearly involvement of SCDF officers and National Civil Defence Cadet Corps cadets in the NDP marching contingent, NDP15 saw the participation of our veteran officers from the Singapore Fire Service in the Vintage Parade segment.



National Day  
Parade 2015  
Mobile Column



The NDP15 Mobile Column saw an unprecedented display of 23 SCDF frontline appliances such as the Fire Engines, Ambulances, Personnel Decontamination Vehicle and not to mention, the all-time crowd favourite Light Fire Attack Vehicle, more affectionately known as the Red Rhino.





**National Day  
Parade 2015  
Exercise  
BOCA**



A fortnight prior to NDP15, SCDF conducted Exercise BOCA at the Padang to validate responses and refine coordination among its ground forces and related agencies. In addition to NDP15, SCDF personnel were also on standby during the Jubilee weekend celebrations where various other SG50 activities were held at the Marina Bay.

## Operation Lionheart Deployments THAILAND, FOREST FIRE

The SCDF maintains a rescue contingent on 24-hour standby under the codename Operation Lionheart to provide rescue and humanitarian assistance and support to countries stricken by major disasters.

Since its formation in 1990, the Operation Lionheart contingent had responded to 17 overseas missions.



On 18 March 2015, SCDF Operation Lionheart team of six officers was deployed to Chiang Mai, Thailand to assist in a forest firefighting operation. During the two week mission, the team operated the SCDF's 5,000 litres heli-bucket to facilitate the Republic of Singapore Air Force (RSAF) in the aerial firefighting operation.

**Operation  
Lionheart  
Deployments  
NEPAL,  
EARTHQUAKE**

On 26 April 2015, SCDF Operation Lionheart contingent of 60 officers was deployed to Nepal to render disaster relief assistance to the victims of an earthquake that struck Nepal. The contingent, led by LTC Alvin Tan, was part of a larger Home Team Contingent which comprises Singapore Police Force (SPF) officers.

During the fortnight mission, the contingent retrieved a body, rendered medical aid to the local villagers, assisted in the heli-evacuation of casualties, and donated its remaining stock of medical supplies to the Nepalese people in need.



**Operation  
Lionheart  
Deployments  
INDONESIA,  
FOREST FIRE**



On 10 October 2015, SCDF Operation Lionheart team of six officers was deployed to assist in a firefighting operation in Sumatra, Indonesia. For two weeks, the team facilitated the RSAF in the aerial firefighting operation. A total of 83 drops of the heli-buckets was conducted, delivering an estimated 415,000 litres of inland water to extinguish 57 hotspots of forest fires.

## Enhancing ORNSmen Deployment in Fire Stations



In 2015, SCDF marked another milestone in its frontline operation by deploying its Operationally Ready National Servicemen (ORNSmen) to the fire stations as part of their annual In-Camp Training (ICT). For the first time in SCDF, these ORNSmen will join the Regulars (i.e. SCDF career officers) and Full-Time National Servicemen as the first wave of the fire station's response force in attending to fire, rescue and medical emergency incidents.

Under the new ORNS deployment concept at the fire stations, the refresher training phase for the annual ICT has been reduced from eight to three days, while the remaining 15 days are set aside for operational standbys at fire stations. This is part of the SCDF's National Service Transformation Plan towards enhancing the operational readiness of our ORNSmen and integrating them into the heart of SCDF's day-to-day emergency response.



5<sup>th</sup>  
Generation  
Light Fire  
Attack  
Vehicle



First introduced in 2000, the Light Fire Attack Vehicle (LFAV) or Red Rhino is an SCDF innovation that was conceptualised and designed in-house to meet the challenges posed by a highly urbanised Singapore.

Winner of several innovation awards, the sleek looking Red Rhino is highly effective in tackling fires involving vehicles and residential units and in managing rescue incidents. Over the years, the Red Rhino has evolved both in design and capability to further enhance its operational prowess and response time. It is also the first compact urban firefighting vehicle in the world with a fully integrated Compressed Air Foam pump system that extinguishes fire four times faster than water and uses 70% less water.

The latest 5th generation LFAV, or the LF5G, was unveiled by Mr K Shanmugam, Minister for Home Affairs and Minister for Law, on 14 November 2015. Equipped with medical equipment including the Automated External Defibrillator (AED) and oxygen cylinder with a regulator and blood pressure set, the LF5G allows for enhanced support to medical emergencies. As the first SCDF response vehicle with dual capability, the LF5G houses a crew of five including a Fire Response Specialist-Emergency Medical Technician who is versatile in mitigating fire-rescue incidents and managing emergency medical cases.

## HazMat Control Vehicle



The new Hazardous Materials (HazMat) Control Vehicle, launched on 17 April 2015, has four key areas of enhancement namely Detection Capability, Monitoring Capability, Space Optimisation and Communications Technology.

The advanced detection and monitoring equipment provides swift and accurate identification of unknown substances. The in-built technology includes the Gas Chromatography Mass Spectrometry technology and Fourier Transform Infrared Spectroscopy technology. Both technologies are globally regarded as the supreme “gold-standard” in chemical identification.



## New Jurong Fire Station Ground Breaking Ceremony



Jurong Fire Station, located along Boon Lay Drive, has been in operation since 1975 and once served as a training facility of the Singapore Fire Service (predecessor of the SCDF). In 2017, the fire station will be relocating to a new site at Jurong West Avenue 2.

The ground breaking ceremony of the new Jurong Fire Station took place on 22 February 2016 and was graced by Mr Desmond Lee, Senior Minister of State for Home Affairs and National Development and Dr Amy Khor, Senior Minister of State for Environment and Water Resources and Health. The event was attended by Comr Eric Yap and guests including Home Team senior officials.

Occupying a land area of 0.4 hectares, the new Jurong Fire Station is designed to achieve the BCA Green Mark Gold standard through its use of environmentally friendly construction materials and water efficient design.

Jurong Fire Station has a proud and rich history of serving the public for the last four decades and will continue to do so in its new premises in 2017.



# HOME TEAM TACTICAL CENTRE OPENING CEREMONY

GUEST-OF-HONOUR

MR K SHANMUGAM

MINISTER FOR HOME AFFAIRS AND MINISTER FOR LAW

26 OCTOBER 2015



Home Team  
Tactical  
Centre  
Opening  
Ceremony



On 26 October 2015, Mr K Shanmugam, Minister for Home Affairs and Minister for Law, officiated the opening of the Home Team Tactical Centre. Built on a 29 hectares land at Mandai Quarry Road, the facility allows for inter-agency exercises between the SCDF and SPF to improve emergency preparedness, coordination and efficiency.

## SCDF Parade 2015



The SCDF Parade is a signature event for all SCDF officers to reaffirm our commitment to the Force and its lifesaving mission. The SCDF Parade 2015, held on 14 November 2015, was graced by Mr K Shanmugam, Minister for Home Affairs and Minister for Law. Led by Parade Commander LTC Wesley Lim, the SCDF Parade 2015 featured a Guard-of-Honour (GOH) contingent and Flag Party carrying the flags of SCDF units. The GOH contingent was formed by officers and men from the 4th SCDF Division, which was also the winner of the Best Civil Defence Division 2015 award. They were joined by marching contingents from other SCDF units including our ORNSmen and members of the National Civil Defence Cadet Corps.

The parade was held back-to-back with the Singapore-Global Firefighters and Paramedics Challenge 2015 at the Singapore Expo Hall. The ceremonial SCDF Parade 2015 was attended by international fire chiefs, Home Team officers, strategic partners and grassroots leaders.

During the parade, Comr Eric Yap presented several awards including a Public Spiritedness Award to the Hong Kong Fire Services Department team for helping an injured man at Bayfront Avenue on 10 November 2015.



**Singapore-  
Global  
Firefighters  
and  
Paramedics  
Challenge  
2015**



2015 marks the third year of the Singapore-Global Firefighters and Paramedics Challenge (SGFPC). Held on 13 and 14 November 2015 and in conjunction with the biennial Home Team Festival, SGFPC 2015 saw an earnest competition from more than 500 local and international participants.

The international teams included members from 15 Civil Defence organisations or fire services from across 13 countries like Indonesia, Hong Kong, China, Australia and Britain. The local teams included SCDF rescuers from the elite Disaster Assistance and Rescue Team, firefighters and paramedics, ORNSmen and members from the Community Emergency Response Teams, Company Emergency Response Teams, National Civil Defence Cadet Corps and Civil Defence Lionhearter Clubs.

The SGFPC 2015 also had an exhibition component known as 'The Live Savers Connect' where members of the public of all ages learned more about emergency preparedness knowledge and engaged in hands-on activities relating to basic firefighting and lifesaving skills.



**Public Protection**



## Competent Persons for Super High-Rise Residential Buildings



On 4 February 2015, the appointment of trained Competent Persons (CPs) to undertake fire safety related duties in super high-rise residential buildings was incorporated into the Fire Code. This serves to further enhance the fire safety standard of super high-rise residential buildings in Singapore.

The appointed CPs will undertake duties such as formulating fire evacuation procedures, conducting daily fire safety checks at common areas and training the security guards at such premises in handling fire emergencies.



## Fire Safety (Fire Safety Managers) (Amendment) Regulations 2015



Since 1 October 2015, it is mandatory to appoint a Senior Fire Safety Manager (FSM) for public or industrial buildings that have a gross floor area of at least 50,000m<sup>2</sup>, or with a basement storey floor area of 10,000m<sup>2</sup> and an occupancy load of 5,000 people. This includes premises like the Suntec City and Star Vista.

As the Senior FSMs are required to possess higher competencies, qualifications and work experiences than the FSMs, the SCDF has been organising Senior FSM Courses to prepare the industry for this scheme since 2013.



SCDF has trouble lowering corpse found in tower crane at Queen Street

# Dead man's body sways in wind

**REPORT BY CHH YONG CHANG**  
 A man was found dead in the cabin of a tower crane in a construction site at the junction of Queen Street and Middle Road yesterday.

A witness, Mr. L.K. Lim, 28, told The New Paper that the first attempt by the Singapore Civil Defence Force (SCDF) to lower the body from the crane at 10.45pm was hampered by strong winds.

The witness said the man was on his back on a platform about 20 people at an open-air car park at the adjacent construction site.

SCDF only investigated a case of death after the man was found on a platform, but the wind made the body sway too much. Mr. Lim said they pulled the platform back up to the crane about 30 minutes later.

"The blue sheets from the building were blowing, so I knew the wind must have been strong."

"It would have been dangerous if the SCDF officers had kept lowering the body in that manner."

About half an hour later, Mr. Lim saw the officers secure additional ropes to the top of the crane before one of them attached a chain with the body in a bag.

SCDF spokesman said they received a call at 10.30pm and that a fire engine, a fire truck and two fire tenders, two support vehicles and one ambulance to the construction site at Middle Road.

The spokesman said a 39-year-old man was found dead inside the crane cabin. Police have classified the death as unusual and are investigating.

When contacted, the Ministry of Manpower said the death was not due to a workplace accident.

Source: The New Paper, 18 April 2015, Pg 11.



South Malacca Sea King (left) and Reverend Dennis Lee at a simplified CPR training session at the Methodist Church of the Straits. The training is being extended to religious organisations and workplaces. (F. YONG/STRAITS TIMES)

## Big push to get more people trained in CPR

Goal: At least one person in every home trained in simplified technique

**By SAMANTHA HOH**

A BIG push to train more people in CPR is under way in Singapore. The goal is to have at least one person in every home trained in a simplified CPR technique.

The Singapore Civil Defence Force (SCDF) is leading the effort, with the help of the Singapore Red Cross and other organisations.

The SCDF has been training about 10,000 people in CPR every year. This year, the force has set a target of training 150,000 people in CPR.

The training is being extended to religious organisations and workplaces. The SCDF is also working with the Singapore Red Cross to train more people in CPR.

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Nurse dies after she was hit by SBS bus near Phangol Bus Interchange

## She was trapped between the bus tyres

**REPORT BY SAMANTHA HOH**

A woman was killed after she was trapped between the tyres of a Singapore Bus Services (SBS) bus and a car at a bus interchange near Phangol yesterday.

The woman, who was 45 years old, was hit by the bus as it was reversing. She was trapped between the bus and a car, and was killed by the car's front wheel.

The SCDF is investigating the incident. The bus driver was not injured. The car driver was also not injured.

The SCDF is also investigating the incident. The bus driver was not injured. The car driver was also not injured.



## SCDF puts out bush fire on Ubin

**By ANITA YONG**

A bush fire on the island of Ubin was brought under control by the Singapore Civil Defence Force (SCDF) yesterday.

The fire started in a field of tall grass and was quickly spreading. The SCDF arrived at the scene at 10.30pm and worked to contain the fire.

The fire was brought under control by 11.30pm. The SCDF is still working to clear the area of the fire.

The SCDF is still working to clear the area of the fire. The SCDF is still working to clear the area of the fire.



Source: The New Paper, 16 June 2015, Pg 6.

# Home Team relief mission in Nepal ends

**By CALVIN YANG**

THE Home Team contingent that was carrying out search-and-rescue operations and rendering medical assistance in earthquake-stricken Nepal concluded its mission yesterday.

Over the last 10 days, the team worked closely with the Nepalese authorities and other aid groups in a range of disaster relief efforts, including rescue and recovery efforts and providing basic humanitarian supplies.

All 120 officers are scheduled to return to Singapore by the end of this week, the Ministry of Home Affairs said in a press statement yesterday.

The contingent - comprising 60 Singapore Civil Defence Force officers and 60 officers from the Singapore Police Force, including Gurkha officers - is the Home Team's largest deployment for an overseas disaster relief operation.

The first batch of officers was deployed on April 26, a day after the 7.8 magnitude earthquake. The officers initially carried out search-and-rescue operations in the capital Kathmandu and Nepal's second-largest city Pokhara.

But with ground operations moving into the recovery phase, the contingent later shifted to the Gorkha district, which is close to the epicentre of the earthquake and was assessed to be in urgent need of assistance. In Gorkha, the officers assisted in evacuating casualties via helicopter, provided medical aid and conducted humanitarian operations.

The team has since transferred its remaining medical supplies, including dressings, bandages and medicine, to the Singapore Red Cross team operating in Nepal. Its humanitarian aid supplies have also been transferred to local networks for distribution.

**calvyang@sph.com.sg**  
**SEE OPINION A26**

Source: The Straits Times, 08 May 2015, Pg A15.

## Two Jurong East flats set on fire

**Loan sharks likely targeted onto one floor above debtor's home**

**By ANITA YONG**

TWO flats in Jurong East were set on fire yesterday, with one of the flats being targeted by loan sharks, police said.

The fire started in a flat on the second floor of a block of flats. The fire spread to the flat below it, which was the home of a debtor.

The SCDF arrived at the scene at 10.30pm and worked to contain the fire. The fire was brought under control by 11.30pm.

The SCDF is still working to clear the area of the fire. The SCDF is still working to clear the area of the fire.



Source: The Straits Times, 15 June 2015, Pg B5.

**Fire @ Choa  
Chu Kang  
Avenue 1**



On 11 June 2015 at approximately 0930 hrs, a fire broke out at a three-storey worker dormitory located at Choa Chu Kang Avenue 1. Three fire engines, three red rhinos, two fire bikes, two ambulances and six support vehicles were deployed to the scene.

The fire was extinguished within an hour with five handheld water jets and an aerial water jet.

**Road Traffic  
Accident @  
PIE Exit  
on ECP**



On 20 May 2015 at 0746 hrs, a road traffic accident involving a tow truck and a trailer occurred at the Pan-Island Expressway (PIE) exit on East Coast Parkway (ECP). The impact of the collision caused the 16-wheel trailer to topple, smashing the barricades bordering a construction site.

Two red rhinos, one fire engine and two support vehicles were deployed to the accident scene. The driver of the trailer was trapped and badly injured. Racing against time, the SCDF emergency response specialists utilised hydraulic rescue equipment to extricate the injured driver and rushed him to Changi General Hospital via a SCDF ambulance.



Fire @ Joo  
Koon  
Crescent




On 28 April 2015 at approximately 0640 hrs, a factory fire broke out at Joo Koon Crescent. Seven fire engines, three red rhinos, nine support vehicles, one ambulance and three unmanned firefighting machines (UFMs) were deployed to the scene.

The raging fire involved paper products and automobile parts within two factory units. About 80 SCDF personnel were deployed for the intense firefighting operation. The fire was brought under control within 30 minutes with the aid of four water jets and three UFMs.

Once again, the UFM proved its firefighting prowess with its ability to penetrate deep into the heart of the raging inferno.

# Community Preparedness






## National Civil Defence Cadet Corps 10 years and Beyond

From a humble beginning of having only 12 secondary schools, the National Civil Defence Cadet Corps (NCDCC) has successfully expanded its outreach to 39 schools comprising about 23,000 trained cadets within a decade.

To commemorate the NCDCC's first decade, the 'NCDCC 10th Year Anniversary Parade' was held on 11 April 2015 at the Home Team Academy. The event was graced by Guest-of-Honour Mr Wong Siew Hoong, Director-General of Education (Professional Wing), Ministry of Education (MOE) and attended by guests such as Comr Eric Yap, former Comr James Tan (founder of the NCDCC) and past NCDCC Commandants.

The parade commander LTA (NCDCC) Benjamin Peh was a former NCDCC cadet and now a SCDF career officer serving as a Section Commander at Central Fire Station. Several awards were given out at the parade including the prestigious 'Unit Overall Performance Gold Award'. To mark this special milestone, SCDF and MOE also jointly launched the NCDCC 10th Anniversary Photo Book. It consists of a collection of photographs, anecdotes and quotes that charts the 10-year journey of the NCDCC as SCDF's youth ambassadors.



**Junior Civil  
Defence  
Lionhearter  
Challenge  
2016**



In conjunction with Total Defence Day, more than 80 students from 21 primary schools participated in the Junior Civil Defence Lionhearter Challenge 2016, held at the Singapore Discovery Centre. The challenge involved a total of eight game stations that were designed based on the themes of Emergency Preparedness and the five pillars of Total Defence. Leveraging their knowledge on first-aid, fire safety and evacuation procedures, these students were guided by their seniors from the Civil Defence Lionhearter Clubs, National Civil Defence Cadet Corps and Civil Defence Auxiliary Unit.

Xishan Primary School made history by being the first school to clinch the challenge plaque as they have emerged champion for three consecutive years. Well done to the young lifesavers from Xishan Primary School!



## Launch of Civil Defence Emergency Handbook



On 17 February 2016, Mr Amrin Amin, Parliamentary Secretary for Home Affairs, launched the electronic version of the 8th Edition Civil Defence Emergency Handbook at the Junior Civil Defence Lionhearter Challenge 2016.

The latest Civil Defence Emergency Handbook contains updated information on a slew of emergency preparedness advisories and lifesaving procedures. It also features a number of new topics such as tips on preventing vehicle fires, evacuation procedures in a super high-rise residential building and what to do when one encounters an unruly crowd.

There is also a section on how members of the public can play the role of Community First Responders by equipping themselves with vital lifesaving skills such as Cardiopulmonary Resuscitation (CPR) and AED procedures.

The handbook can be downloaded from the SCDF website ([www.scdf.gov.sg](http://www.scdf.gov.sg)) and mySCDF mobile application.

## SCDF-Ubin Community on Patrol Collaboration



The Ubin Safety and Security Team was launched on 17 January 2016 at Pulau Ubin. This initiative spearheaded by the SCDF Marine Command and Loyang Police Coast Guard, is a collaboration between the Home Team and grassroots led by the Ubin Community on Patrol (U-COP).

The pilot runs of SCDF-U-COP took place on 20 and 27 December 2015. During this pilot phase, Civil Defence Lionhearters from the Temasek Polytechnic and Institute of Technical Education College East joined hands with the Siglap Community Emergency and Engagement Committees' Company Emergency Response Team in their first-aid standby and safety marshalling duties.

On 27 February 2016, the National Parks Board launched the Ubin Living Lab, a newly developed area with facilities such as research laboratories and dormitories for field scientists, training camp grounds and offices. The event, graced by Guest-of-Honour Mr Desmond Lee, Senior Minister of State for Home Affairs and National Development, saw eight Civil Defence Lionhearters demonstrating the use of the customised Robstep mobile transporters that were equipped with first-aid kits and mini fire extinguishers.

In the near future, the Civil Defence Lionhearters will utilise these Robstep mobile transporters in responding to incipient fires and medical incidents on the island.



## SCDF Shelter Open House 2015



On 12 and 13 December 2015, the SCDF held a Shelter Open House at the Bukit Panjang, Beauty World and Tan Kah Kee MRT Stations to build public awareness on the MRT shelters.

On 12 December 2015, Guest-of-Honour, Mr Desmond Lee, Senior Minister of State for Home Affairs and National Development, visited the Shelter Open House held at Bukit Panjang MRT Station.

About 10,000 members of the public visited the open house and were shown various shelter provisions such as the entrance blast door, decontamination chamber and dry toilet system.

Besides the viewing exhibition on fire safety tips and myResponder mobile application, visitors also learned vital lifesaving skills. Some visitors even had an up-close encounter with MediaCorp artiste Ms Julie Tan at the Bukit Panjang MRT Station on 12 December 2015 for a meet-and-greet session and demonstration on CPR-AED procedure.

**SMRT-  
Temasek  
Cares AED on  
Wheels  
Programme**



The 'SMRT-Temasek Cares AED on Wheels' programme was launched on 27 November 2015 at the SMRT Sports and Recreation Club by Mr Chan Chun Sing, Minister in the Prime Minister's Office.

The programme, led by SMRT Taxis and Temasek Cares, is supported by the SCDF, Singapore Heart Foundation (SHF), National Fire and Civil Emergency Preparedness Council, and National Taxi Association. It is a three year pilot programme involving 100 SMRT taxis with AEDs installed in them.

The SCDF 995 call centre will alert the participating taxi drivers through the myResponder mobile application to any cardiac arrest case that occurred within 1.5 kilometres of their location. Other than delivering the AEDs to scene, these taxi drivers have also been trained by the SHF to use the AED and perform CPR on cardiac arrest victims.

The SCDF looks forward to more taxi drivers and other public transport operators in Singapore to join this noble programme so as to increase the number of Community First Responders in making Singapore *A Nation of Lifesavers*.



## myResponder Mobile Application Success Story



Photo: Phyllicia Wang (The New Paper)

On 3 January 2016, Ms Michelle Lim, a Community First Responder responded to an alert on her myResponder mobile application that prompted to a nearby cardiac arrest case.

Upon her arrival, she immediately administered CPR on the victim, Mr Ken Gong.

About ten minutes into Ms Lim's CPR chest compressions, the SCDF ambulance arrived. Even as the paramedics took over the situation, Ms Lim continued to check for Mr Gong's pulse as she was determined to help in every way possible. The very moment she felt a faint pulsation on his wrist, she rejoiced loudly "He's still alive!".

A lecturer of Healthcare education, Ms Lim has always been actively encouraging her students to be Community First Responders like herself. Of course, now she has walked the talk.

During a session arranged by the SCDF for Ms Lim and Mr Gong, the cardiac arrest survivor thanked her profusely for being his Lifesaver.

"I would not have survived without the myResponder mobile application that linked victims like me to people like Michelle. The benefits are bountiful for it is not only beneficial to me as a survivor but also to my wife and family members who are so dear to me. For the record, I have already downloaded the myResponder mobile application and I hope that one day, I too can play my role as a Community First Responder, just like Michelle", said Mr Gong.

### myResponder Mobile Application

The myResponder mobile application was launched in April 2015 by Mr S Iswaran, then-Second Minister of Home Affairs. This Community First Responder mobile application allows users to report incidents of cardiac arrest and locate nearby AEDs. It also enables members of the public in the vicinity who are trained in CPR and AED procedures to respond quickly upon receiving the alerts.

On 26 November 2015, the mobile application won the Bronze Award at the ASEAN ICT Awards Ceremony 2015.

Organisational  
Excellence



## SCDF Day Dining-In 2015



The SCDF Day Dining-In was held at the Civil Defence Academy on 15 April 2015. The event was graced by Guest-of-Honour Ms Goh Soon Poh, Deputy Secretary (Policy), Ministry of Home Affairs and attended by 136 personnel including award recipients of the Pride and Care Star Award, Unit Pride and Care Star Award, Full-Time National Servicemen of the Year Award and Commissioner Commendation Award.

The SCDF Day is an important occasion where SCDF officers come together to reaffirm their pledge and commitment to the Force and its lifesaving mission.



## SG50 Gala Dinner for SCDF Pioneer Officers



The 'SG50 Gala Dinner for SCDF Pioneer Officers', held on 4 September 2015 at the Bukit Batok Home Team National Service (HTNS) Club House, was a special tribute to SCDF pioneer officers in honour of their invaluable years of dedicated service to the nation since the days of the Singapore Fire Service (predecessor to SCDF).

The venue was befitting for the occasion as the Bukit Batok HTNS Club House, formerly the Civil Defence Association for National Servicemen, was conceptualised and managed by SCDF pioneer officers, led by former SCDF Commissioner James Tan.

The event was attended by prominent SCDF pioneer officers including Mr S.T Amerasinghe, former Director of Civil Defence in the 1970s. He played an instrumental role in the development of the Civil Defence Command that led to the establishment of the SCDF. It was also attended by many fire officers and ambulance officers who were involved in historic operations such as the Bukit Ho Swee fire, Pulau Merlimau oil tank fire and Hotel New World collapse incident. One of the videos screened at the event was about the family of fireman Slammat Bin Matnawi, with his four generations of firefighters.

The dinner was a rejoicing reunion and nostalgic moment for many of these veterans and also an opportune moment for the current generation of SCDF staff to connect with our organisation's past and rich legacy.

**Singapore  
Quality Award  
with Special  
Commendation**



In 2010, SCDF was recognised for outstanding organisational performance on the Business Excellence (BE) framework and awarded with the prestigious Singapore Quality Award (SQA).

In 2015, SCDF successfully attained the SQA with Special Commendation, the highest and most prestigious award in the BE framework locally. This attainment is a testimony of the synergy and robustness of our policies and processes, and a key milestone in our relentless pursuit for organisational excellence.



**Other BE recognitions in 2015:**

- Public Service Premier Award
- Three BE certificates-
  - ◇ People Developer;
  - ◇ Singapore Innovation Class; and
  - ◇ Singapore Service Class.



## POST-2015 AADMER STRATEGIC POLICY DIALOGUE

Singapore, 2 November 2015

### Post-2015 AADMER Strategy Policy Dialogue



The ASEAN Agreement on Disaster Management and Emergency Response (AADMER) came into force in December 2009 with the objective to establish and enhance regional cooperation in the response to disasters and reduce disaster losses in the region.

Since its establishment, the AADMER Work Programme has laid a strong foundation to enable ASEAN Member States to implement key initiatives including the establishment of the ASEAN Coordinating Centre for Humanitarian Assistance (AHA Centre) in November 2011. Since then, the AHA Centre played an important role in coordinating responses of the ASEAN member states in several major disasters that had happened in the region.

With the conclusion of the five-year AADMER Work Programme in December 2015, the ASEAN Committee on Disaster Management, led by SCDF and supported by the ASEAN Secretariat, organised the Post-2015 AADMER Strategy Policy Dialogue to chart the next five years.

Held at Mandarin Orchard Hotel on 2 November 2015, the event was graced by Mr K Shanmugam, Minister for Home Affairs and Minister for Law, and attended by more than 70 officials from the various ASEAN Member States, including the Secretary-General of ASEAN, His Excellency Le Luong Minh and former ASEAN Secretary-Generals.

## MOU on Paramedic Training and Education



On 16 October 2015, a Memorandum of Understanding (MOU) was signed between the Justice Institute of British Columbia and five organisations namely the SCDF, Singapore Armed Forces, Singapore Institute of Management, Nanyang Polytechnic and Institute of Technical Education. The Roadmap and MOU promote the professional development of our paramedics through educational programmes and training. It also aims to increase the quality of pre-hospital emergency care in Singapore.

At the same event, Mr Ong Ye Kung, Acting Minister for Education (Higher Education and Skills) and Senior Minister of State, Ministry of Defence, launched the National Paramedic Training and Education Roadmap.

## MOU with Malaysian National Security Council



A MOU was signed between the SCDF and Malaysian National Security Council during the Singapore-Malaysia Leaders' Retreat at the Shangri-La Hotel on 5 May 2015.

The MOU seeks to strengthen our bilateral cooperation in the field of Humanitarian Assistance and Disaster Relief through the sharing of USAR training facilities and programmes between the elite SCDF Disaster Assistance and Rescue Team and the Malaysia Civil Defence Department Special Malaysia Disaster Assistance and Rescue Team, information sharing during actual disaster operations and establishing attachment programmes between both organisations.



MOU with  
University of  
Canterbury



**SCDF**

The Life Saving Force

**UC**

UNIVERSITY OF  
CANTERBURY

Te Kōwhiri  
ānanga o Waitaha  
CHRISTCHURCH NEW ZEALAND

Memorandum of Understanding



COL Teong How Hwa  
Director  
Civil Defence Academy  
Singapore Civil Defence Force

The SCDF and University of Canterbury signed a MOU in 13 November 2015 to conduct academic research to further enhance and jointly build up capability and knowledge in the field of disaster management.

With this MOU, the SCDF and University of Canterbury jointly conducted the inaugural five day “ASEAN Senior Executive Programme on Leadership in Disaster Management”.

The course was designed to address the importance of effective leadership on disaster management at the policy level, focusing on the preparedness and response phases of the disaster management cycle.

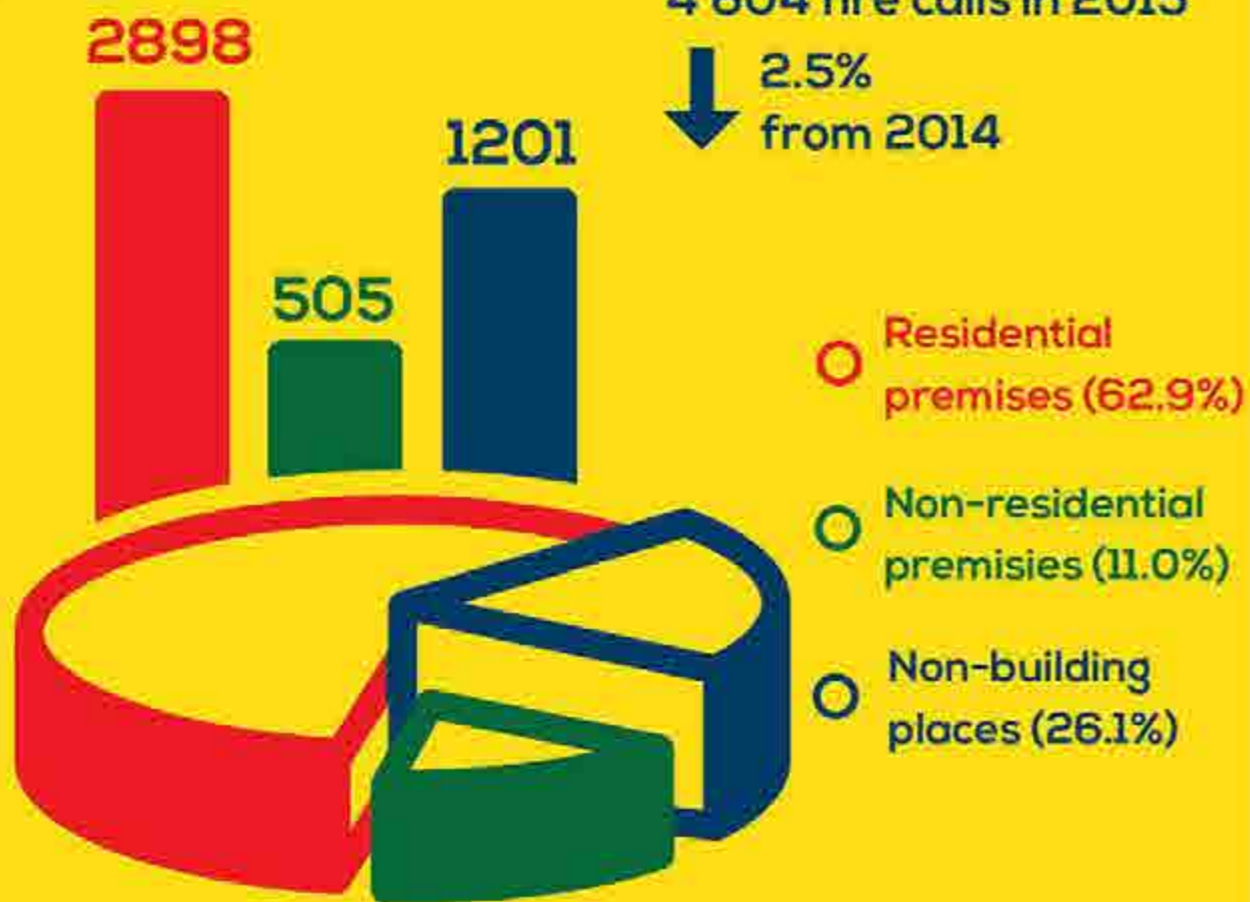
# FIRE, AMBULANCE & ENFORCEMENT STATISTICS 2015



## Breakdown of fire calls

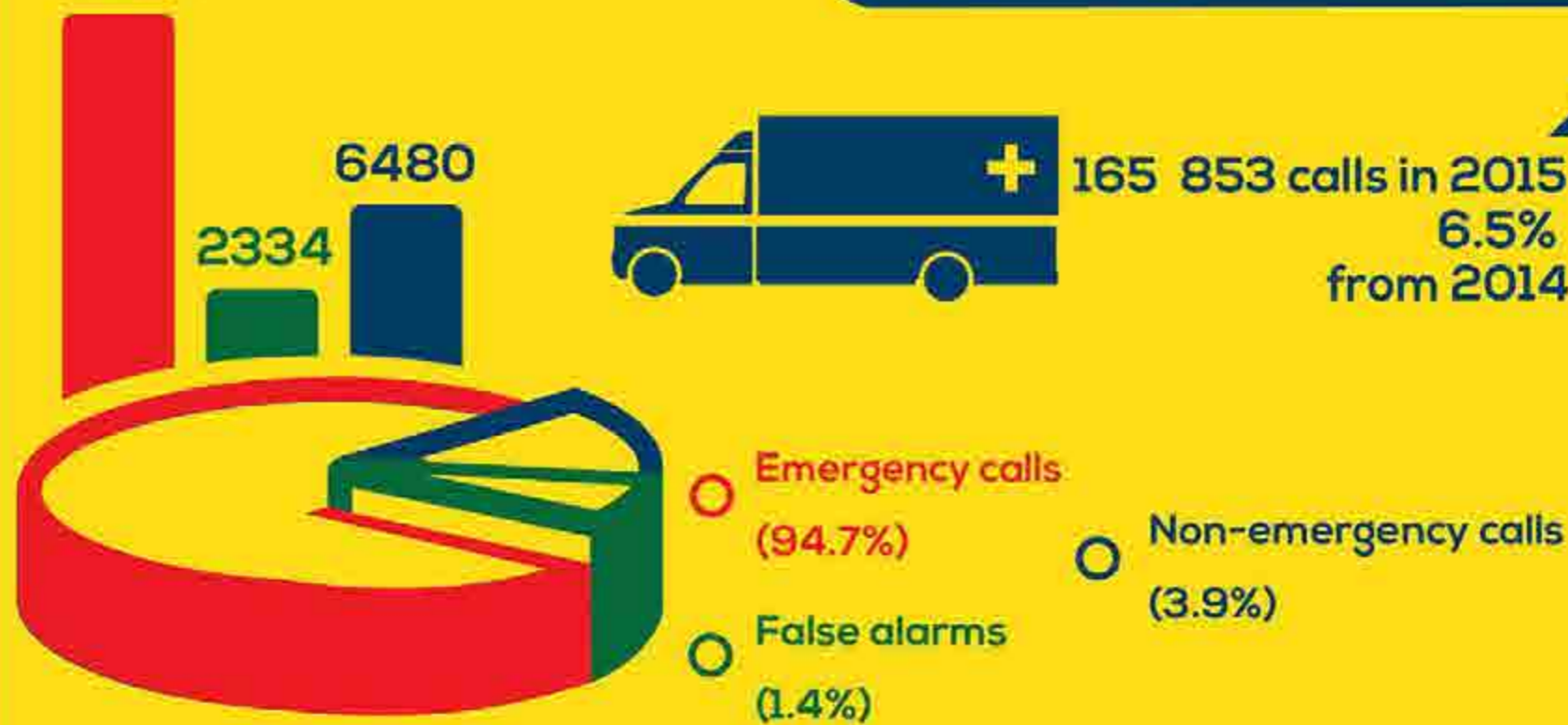


4 604 fire calls in 2015  
 ↓ 2.5%  
 from 2014



157 039

## Breakdown of ambulance calls



165 853 calls in 2015  
 ↑ 6.5%  
 from 2014



## Breakdown of fire safety enforcement



16 165 enforcement checks in 2015  
 ↑ 16.3% from 2014

SCDF issued 3 149 Fire Hazard Abatement Notices (FHANs)



SCDF issued 3 748 Notice of Fire Safety Offences (NFSOs)

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**SCDF**

The Life Saving Force