



SINGAPORE TECHNOLOGIES ENGINEERING AT IDEX 2003

Singapore - March 12, 2003 – Promoting expert solutions in outsourcing and maintenance will be the focal point for Singapore Technologies Engineering (ST Engg) at the upcoming IDEX 2003. Additionally, the company will also highlight its expertise in providing M113 upgrade solutions and its capability in 40 mm Air Bursting Munition Systems.

Also featured at the Singapore booth will be innovative products for modern armed forces, training and simulation solutions, and competencies to design and package capabilities for armies in vertical envelopment, air mechanised strikes and small unit lethality.

ASSET MAINTENANCE & OUTSOURCING SOLUTIONS

- Improved asset availability through reliability-centred maintenance that focuses on the actual operating environment of assets
- Optimise maintenance programmes to improve turn around time
- Strategic materials management for improved provisioning and reduced procurement costs
- Seamless integration of key systems and processes to minimise Asset Life Cycle Cost
- Total support for greater operational readiness

HYDRO MECHANICAL CONTINUOUSLY VARIABLE TRANSMISSION (HMCVT) RETROFIT KIT

- Innovative solution for maximum performance at both low and high engine speeds
- Improved usage of engine power

- Lower weight and smaller space required to enhances payload capacity at reduced capital and life cycle costs
- Seamless transmissions for quieter and smoother rides for the crew

MODULARLY DESIGNED HLA-COMPLAINT DISTRIBUTED MISSION FIGHTER STATIONS (DMFS)

- Built on a High Level Architecture (HLA) INTEROPERABILITY protocol
- Designed to enable multiple Distributed Mission Fighter Stations to be linked together; thus, allowing multiple pilots to train interactively in a realistic tactical virtual and real-time environment from different geographical locations
- A state-of-the-art system built on the latest commercial-off-the-shelf (COTS) software system, allowing easy system re-configurability while keeping maintenance and operational costs at affordable levels

120 MM SUPER RAPID ADVANCED MORTAR SYSTEM

- High sustained firing rate
- Autonomous operation
- Patented cooling system enables continuous firing at maximum rate
- Lowest recoil force of 20 tonnes for better deployability

LIGHT STRIKE VEHICLE

- Fast, deadly vehicle for field operations from attack and surveillance to patrol
- High mobility in diverse terrain – traverses inclines of up to 60% / side slopes of up to 50%
- Configurable roll-cage system for enhanced operational flexibility

- Outstanding payload to accommodate a wide variety of weapon mounts
- High deployability by helicopters and aircraft

40 MM MUNITIONS SYSTEM

40 mm Automatic Grenade Launcher (40 AGL):

- Modular in construction with a variety of tactical applications
- Easy to use – lesser components/parts for minimum logistics footprint
- Excellent sighting options for enhanced engagement capability even in low lighting conditions

40 mm Family of Ammunition:

- Range of ammunition includes the Target Practice Tracer for more realistic training; the High Explosive Dual Purpose Self-Destruct “Green” Grenade among others
- Self-destruct feature ensures complete detonation of ammunitions should they fail to explode on impact. Eliminates chances of blinds endangering friendly troops and innocent beings

40 mm Air Bursting Munitions System (ABMS)

- Designed to fit on all current 40 mm AGLs
- Higher lethality
- Effective against defilade targets

155 MM CARGO ROUND

- The 155 mm Hollow Base and Base Bleed Cargo Round are Extended Range, Improved Conventional Munition carrying dual-purpose bomblets, each with a mechanical self-destruct fuze

IDEX 2003 is one of the world's largest defence shows, and is being held this year in Abu Dhabi (United Arab Emirates) from 16 to 20 March. ST Engg will be located at **Hall 2, Stand Number 2701**. Mobility demonstration of our Light Strike Vehicle will be conducted daily at 2.30 pm at the Demonstration Grounds (except on Wed 19 March 2003 – demo commences at 2 pm).

Note to Editors:

We cordially invite you to visit our stand. We will be pleased to arrange any special interviews or provide additional materials to help you with your reporting. Should you require any assistance, kindly contact Ms Allison SARADETCH at email: saradetch.kinetics@stengg.com or call DID (65) 6660 7449 / Mobile: (65) 9693 3031.

More About ST Engg

ST Engg is an integrated engineering group specialising in the fields of aerospace, electronics, land systems and marine. A leader in each of its core businesses, ST Engg provides one-stop services for air, land and sea platforms as well as systems-based solutions. Headquartered in Singapore, the Group employs about 11,500 employees worldwide with a revenue of about S\$2.6 billion in FY 2002. ST Engg is one of the ten largest companies listed on the Singapore Exchange with a market capitalisation of about S\$5 billion.

More About ST Elect

ST Elect, the electronics arm of ST Engg, is one of the largest electronics system houses in the region. ST Elect prides itself in delivering innovative system solutions to defence, commercial and industrial customers worldwide. It specialises in the design, development and integration of advanced electronics systems, such as broadband RF & microwave communication systems, rail & traffic management systems, real-time command & control systems, training & simulation systems, intelligent building management systems, and information security and m-commerce solutions. ST Elect applies leading edge technologies and design methodologies to meet the stringent requirements of customised

electronics systems and solutions. It undertakes continuing research and development to help create cost-effective proprietary products at system and component levels, delivering innovative and quality solutions to customers.

More About ST Kinetics

ST Kinetics is the land systems arm of Singapore Technologies Engineering (ST Engg). As a world-class integrated land systems group, ST Kinetics provides design and engineering services for military vehicles, weapon systems and munitions ranging from manufacturing, upgrading, repair and maintenance to complete life cycle management. It also provides related component and sub-system design and development, and laboratory and industrial test services.

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