

# ***CC & S Newsletter 4***

## ***NOVEMBER 2007***

### **CC&S Support Contract**

Andy Dunning has now returned to work full time following a period of part-time working after his back operation.

Due to an internal company reorganisation the TMaSS team are due to relocate to Waterlooville from Portsmouth Naval Base on the 17<sup>th</sup> December. It is anticipated that disruption to the Help Desk will be kept to a minimum during the move. When the contact number at the new location is confirmed it will be disseminated to all interested parties. If any difficulty is encountered contacting the Help Desk during the period of the move please contact Andy on 07793 421476.

### **Contract Responsibilities**

**Richard Harrop**—NP-PSMCCS-MoD Contract Manager

**Steve Bygrave**—CC&S Project Manager

**George Graham**—T&V Class CCC Support Manager and ISIS

**Bob Maddick**—Proposed Astute Class CCC Support Manager

**Andy Dunning**—Surveillance Systems Support Manager including TMaSS NT

**Mike Lloyd**—TMaSS Support Manager

**Jonathan Rowland**—Senior Software Engineer

**Damian Brierley**—Software Engineer

**Julie Washington**—Assistant Project Engineer, TMaSS, TMaSS NT and Help Desk

**Andrew Franklin** – Graduate Systems Engineer.

**The help desk contact details are below:**

**[julie.h.washington@baesystems.com](mailto:julie.h.washington@baesystems.com)**

**Tel. 02392 896024**

**BAE Systems, CS&S Naval,**

**Building 1/140 Old Iron Foundry,**

**Postal Point 204, The Parade,**

**Portsmouth Naval Base, Portsmouth**

### **S2022s Support**

We have received a grand total of zero

Either our equipment is fantastic, you guys are not raising any or they are getting lost in the system.

If anyone has raised a S2022 in the last 12 months for the CC&S equipment please could they contact the help desk, email or Fax the details to us so we can do something about it.

The CC&S Equipment includes;

T- Boats; ISIS all the way down to sensors, Panels (facia and internals) in the manoeuvring room, CCC.

V- Boats; TMaSS/TMaSS NT to the LSU's Panels (facia and internals) in the manoeuvring room CCC (May not be everything)

### **Spotlight Corner**

**Jonathan Rowland – Senior Software Engineer**

Jonathan's first job in the defence industry was with Ferranti in Weymouth as a placement student during his degree course. In 1987 he joined CAP Scientific in New Malden where he worked on a number of submarine related projects including TMaSS eventually moving with the project to Portchester. There he interleaved TMaSS, SULMAT and FASMAT programming work with numerous other marine projects including a demonstration damage control system and a small simulation project that generated radar and sonar messages to inject onto a combat system highway. Jonathan's capability and wide experience in various programming languages and databases has made him invaluable in his work with the Surveillance Systems team on the TMaSS NT upgrade as a designer, programmer, tester, configuration manager and team leader.

## V - Boats & TMaSS NT

### Victorious LOP(R)

The final setting to work is due to take place on the week beginning 12<sup>th</sup> Nov 2007. However this is unlikely to be the last visit. As we are planning to upgrade the network system in the 2<sup>nd</sup> or 3<sup>rd</sup> week of February 2008. The modification testing is progressing well and is currently functioning in the EVAS. The upgrade will help maintainers by simplifying the network into one Sub-Net. This will make the configuration much easier and improve the access to equipment in the FX and MPU.

### Modularised Workstation

The new modularised workstation has now successfully completed Shock, Vibration and EMC testing, currently six new workstations are being procured to support the repair loop.

## T - Boats

### Mk8 GPI

The installation status of the Mk8 Group Position Indicator Class Modification 2290 is shown in the Table below:

Platform	Status
Trafalgar	Complete
Turbulent	In Progress (RAMP)
Tireless	To be advised
Torbay	To be done at Devonport
Trenchant	To be advised
Talent	To be advised
Triumph	In Progress (LOP(R))

Modification kits will be supplied by us on request.

### ISIS

Platforms will be identified for the installation of the new 19" Monitors in accordance with CM 2425 & 2426. Remaining platforms will be fitted with the new screens as soon as they become available to us.

## Astute

Bob Maddick has joined the project as the proposed Support Manager for the Astute Class CCC. A visit to Barrow was undertaken during mid October to start putting together the Technical Datum Pack and Stakeholder Map for the equipment. The opportunity was also taken during the visit for Bob to meet with members of the crew and discuss their thoughts on the layout and operability of the CCC in these very early days.

We are currently looking at dealing with defective workstations directly; this is due to the different hardware/software build requirements of the TMaSS NT System and associated Workstations and speed up response.

### IF IN DOUBT PHONE THE HELP DESK

### TMaSS NT Network Upgrade

Due to fast moving development in the network industry have ceased producing the network chipset for the TUT equipment fitted on the first two platforms, BN05 & BN06, and therefore TUT have had to cease production of that line of equipment. The Modification kits for BN07 & BN08 have yet to be produced which leaves us with a problem???

Not Really!, We have identified a new network supplier who produces more advanced equipment in a smaller package. Advances in hardware and software in the past five years have meant transfer rates have become even faster, 15-25MB/s, currently 1-2MB/s. What does this mean to TMaSS NT I hear you saying?

Well it means that by replacing the TUT hardware with NetSys hardware we can configure the network to be on a single Sub-net. This will make the network much easier to understand, set up and therefore maintain. It also has a smaller footprint so we will be able to re-configure the FX to make items more accessible and easier to understand, also additional draw space in the MPU!

Trials have taken place on HMS Victorious to ensure the new technology is compatible with the ships cabling. The new NetSys system is currently set up in EVAS and appears to be functioning well. The current upgrade plan is to upgrade Victorious while she is in LOP(R) provided a suitable window can be found.

HMS Vanguard will then be upgraded as part of her version 2/3 upgrade. This will include a new UPS, UPS tray, servers and keyboard arrangement. This will give touch screen capability to the screen in the MPU Cabinet and remove the tracker ball from the keyboard. The new servers will allow an upgrade of software which will mark the return of the FOZ diagram and IEPL calculation that work. This will be installed once a suitable period can be determined.

