

CC&S Newsletter

April 2007

CC&S Support Contract

The period between the last newsletter in December and this one started off fairly quietly, with very little in the way of reported defects coming from either boats in LOP(R), via DML or the in-service platforms. That was until recently when we have had an influx of mainly minor technical requests from DML involving missing wires or more LEDs. Then came HMS Vigilant and the routine CCT hit visit that has turned into a long distance and lengthy fault finding and investigation process. Mike Lloyd has been endeavouring to replicate the onboard fault in the lab in Portsmouth and offering advice to Ship's Staff. It is likely that Andy and Mike will, shortly, be travelling north to assist in the resolution of this fault on the FSS.

In other news, BAE has invited Richard to attend the launch of Astute on 8th June in Barrow, a forerunner to the NP IPT taking responsibility for the Astute CCC in August 2008. Hopefully the weather will stay fine for him and this exciting event.

Contract Responsibilities

Richard Harrop – NPPL3 - MoD Contract Manager

Steve Bygrave – CC&S Project Manager

George Graham – T&V Class CCC Support Manager and ISIS

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

The help desk contact details are below:

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

CC&S Help Desk

An answer phone has now been installed on the help desk line. This is to capture incoming calls when the help desk is unmanned. Hours of cover are Mon – Thurs 07:30 – 17:45 and Fri 07:30 – 13:00. The help desk number is: 03292 896024. There is also a mobile number for Urgent or Emergency calls: 07801 716307.

Distribution

It became apparent on some of our liaison visits during the earlier part of this year that not all the intended recipients of this newsletter had seen or even heard about it. Please would the initial recipients, in Squadron Offices and on platforms, ensure that all personnel whose workplace is connected with the Centralised Control and Surveillance System have an opportunity to read this and subsequent CC&S Newsletters.

HMS Tireless

Everyone involved in the CC&S Support Contract would like to offer their sincere condolences to the family, friends and crew of HMS Tireless.

Spotlight Corner

Damian Brierley - Software Engineer

Damian Graduated from Southampton University in 1998 with a 2-2 Honours degree in Computer Engineering. He joined BAE Systems in August 2000 to work with the TMaSS NT team. During this time Damian has worked on various other projects as well, including the Ships Intelligent Fire Suppressant System (SIFSS) project and most recently the Killcard Maintenance Tool (KMT) upgrade, something that may have a future bearing on his TMaSS work.

Advised Systems Checks

Recent problems encountered with a FSS were eventually attributed to power supply problems – As a result it is advisable for TMaSS maintainers to ensure their Melcher Power supplies are in Spec at the D86 backplane, using the extender card, when checking system voltages.

V - Boats & TMaSS NT

Victorious LOP(R)

From a CC&S aspect the LOP(R) is running very smoothly. It appears at this stage that the lessons learned from the Vanguard LOP(R) have been taken onboard and has enabled Victorious LOP(R) to be planned and to be implemented much more effectively.

Initially it was thought that the latest RC&I updates would have some impact on Victorious' LOP(R) and some of its CCC equipment. That is no longer the case and it is likely that the updates will first be implemented during Vigilant's LOP(R).

T - Boats

Triumph LOP(R)

Triumph's LOP(R) is going well, a few snags with obsolescent rotary switches which has no been resolved with the introduction of new items from Santon Switchgear.

Mk8 GPI

The new Mk8 Group Position Indicator is currently being installed onto Trafalgar and Torbay in RAMP. The next platform programmed for the Mk8 GPI is Turbulent during RAMP.

ISIS

Ross Baker of Ross Manufacturing has recently visited Triumph to carry out a trial fit of his new design of bezel for the 2 ISIS Maintainer screens. The trial was very successful and the production of the bezels has now begun.

Astute

At the last QPM Richard asked that we put forward a plan that would enable him and us to deliver in-service support to the Astute CCC for 4 years from October 2007. This will bring that support into line with the main CC&S Contract. Bob Maddick will be the Astute Support Manager. Due to the way that support for Astute differs from the rest of the contract, he will not have responsibility for the Platform Management System (PMS) as support for that system will remain with BAE Systems Submarines, PCO for around 4 years from commissioning.

Future Developments

TMaSS/TMaSS NT

Following consultations with ship staff (Gerry Howarth and 'Buster' Brown from HMS Victorious), it has become apparent that the operator assist page for IEPL calculations and the Foz overlay on the pressure/temperature graph would be valuable additions to the TMaSS NT system. Originally these were omitted as they were believed to be inaccurate or unused.

Both these features are being reinstated and should be released to HMS Victorious towards the end of the year.

The IEPL calculation mimic will have a different layout and be operated differently from the original TMaSS implementation. The new mimic will closely resemble the table in the AB and allow the operator to request a calculation for a chosen time and date. Having completed the initial calculation the operator will be able to make corrections to specific hourly APL values and then trigger a recalculation

The new Foz overlay will closely match the original TMaSS implementation.

As well as the above additions, a few modifications to existing pages are taking place.

These include:

- Modifications to the trend plotting application to allow greater control data plotting and allow small changes to be seen.
- Minor reworking of plant state A (PSA – to be renamed “Steam Leaks”) and plant state B (PSB – to be renamed “System Overview”) pages. PSB will display additional parameters 06-3-01 and 06-2-14.
- Meaningful names for AI groups to help with understanding why certain parameters are (or are not) inhibited and consequently with deciding whether to disable any AI groups.
- A possibility of forward mimics replacing or supplementing the existing text based mimics as this will enhance usability of the system for forward operators. This is dependent on getting suitable mimic layouts agreed.
- Warning that the system is in PSA and still have PSB inhibits applied.