ATC SCATS Practitioners Course Outline

Introduction

The ATSC4 Traffic Signal Controller is a sophisticated traffic management device, built to the Roads & Maritime Services (RMS formerly RTA) specification TCS/4. The controller can operate up to 32 signal groups and can respond to up to 64 different inputs. It can operate in isolated mode, in mains frequency coordinated flexible plan operation or connected to SCATS as a networked controller.

Target audience

This course is aimed at experienced traffic management staff from the RMS's Network Operations Section and SCATS licensees from interstate or overseas. Participants should be familiar with traffic signal operation and the principles of coordination. Prior experience with SCATS Access is an advantage, but not essential.

Expected job outcomes

At the completion of the course, participants will be able to:

- install and configure SCATS Central Manager, SCATS Region and various SCATS support applications

- configure SCATS regions, subsystems and sites

- monitor traffic operations more effectively

- improve traffic efficiency by optimising SCATS data

- detect abnormal behaviour and take remedial action

- prepare and analyse SCATS reports

Course summary

Course participants will build a small traffic management system. This includes the installation and configuration of SCATS Central Manager, SCATS Region and various SCATS support applications. They will then design and configure the sites and subsystems in the region including graphics, plans and associated data. A strong emphasis will be placed on monitoring and optimising traffic operations including troubleshooting and fault finding.

Course structure

The course will use a combination of PowerPoint presentations, discussion, demonstrations and practical exercises. Participants will be *provided with their own computer for the duration of the course.*

Course content

The course will include the following topics:

- SCATS Central Manager and SCATS Region installation and configuration

- User administration and access control

- System, region, subsystem and site graphics

- Site data and split plans. Coordination, cycle times, offsets, links, marriages

- Monitoring sites. Manual intervention using locks, trims and dwells

- Route pre-emption

- Variation routines

- Action lists, schedules and incident plans. Events and the event log

- System alarms, site alarms, alarm notification and fault finding

- Traffic reports

Course nominations

The course is limited to 10 participants and nominations close on 10 April 2013, therefore nominations to attend should be submitted to the contact person below as soon as possible

Course fee:	$2100.00 Australian dollars (+ GST 10%)
Duration:	5 days
Dates:	10 – 14 February 2014
Nominations Close:	15 January 2014 (successful applicants advised 20 January 2014)
Times:	9:00am. – 4.30pm
Venue:	Aldridge Traffic Controllers Unit N 10 – 16 South St Rydalmere NSW 2116 Australia
Contact:	Paul Milazzo Email: pmilazzo@atsc4.com.au Tel: +61 2 8846 5504 Fax: +61 2 8846 5590

ATC SCATS Practitioners Course Timetable

Time	Monday	Tuesday	Wednesday	Thursday	Friday
09:00	Introduction	Review	Review	Review	Review
09:15	SCATS software installation and configuration *Ray Moriarty*	Principles of coordination *Ray Moriarty*	Monitoring subsystems *Ray Moriarty*	Manual intervention *Ray Moriarty*	Alarms *Ray Moriarty*
10:45	**Morning tea**	**Morning tea**	**Morning tea**	**Morning tea**	**Morning tea**
11:00	Site graphics	The design process	Marriage & divorce	Schedules & action lists	Events
12:30	**Lunch**	**Lunch**	**Lunch**	**Lunch**	**Lunch**
13:15	System &region graphics *Ray Moriarty*	Configuring coordinated sites *Ray Moriarty*	Variation routines *Ray Moriarty*	Communications *Ray Moriarty*	Trouble shooting *Ray Moriarty*
14:45	**Afternoon tea**	**Afternoon tea**	**Afternoon tea**	**Afternoon tea**	**Afternoon tea**
15:00	Configuring & monitoring isolated sites *Ray Moriarty*	Configuring subsystems *Ray Moriarty*	Optimising coordination *Ray Moriarty*	Reporting *Ray Moriarty*	Flexilink operation *Ray Moriarty*
16:15	**Close**	**Close**	**Close**	**Close**	**Close**

Course Name: ATC SCATS Practitioner Course Outline

Dates: 10 – 14 February 2014

Applicant Details

I wish to apply for registration to attend the above course on the dates shown.

I understand that acceptance at the course is subject to positions being available.

My details are shown below:

Notification Details

Notification of achieving a position in the course will be advised on 20 January 2014.

ATC will email a "Course Joining Instruction" to you confirming your attendance at the course and will include suggested advance reading matter before the course as well as giving additional details about the course including location etc

Invoice Details

- First Name: --
- Family Name: --
- Company: --
- Job Title: --
- Phone: --
- Email: --

- Company Name: --
- Number & Street Name: --
- City: --
- State: --
- Post Code: --
- Country: --

Please advise any dietary requirements or special needs.

Course fee: $2100.00 Australian dollars (+ GST 10%)

Attendees will be **invoiced on completion** of the course.

Payment options are available - these include:

Company cheque (payable to Aldridge Traffic Controllers Pty Ltd)

Payment via Credit Card

All payments are made securely using Merchant Warrior – please provide details to Kathleen Magri – kmagri@atsc4.com.au or 02 8846 5502

Direct deposit to Aldridge Traffic Controllers (ATC bank details are available) - please contact Kathleen Magri – details above