Australian HYPACK 2015 Workshop Program

Due to the continued popularity of the workshop the sessions this year the Workshop will be again held at the Hornsby RSL Club. Details are as follows;

Venue Address
The Hornsby RSL Club
"Showroom Stage"
4 High Street,
Hornsby,
NSW 2077
Phone: 02 9477 7777

Program
The schedule below highlights topics that are to be covered during the workshop. Please note that this is a guide and may vary as some items are explored in more detail or additional discussion points create variations in the timetable.

Parking
Please refer to the image printed on the 2nd page for parking your vechile. Height restriction applies to multi story carpark: 2.05 (6' 8").

Public Transport
Coming from the aiport via train there are two trains the T1 North Shore and Northen Line and the T2 Airport Line taking roughly 1 hour 20 minutes. The RSL Club is a 6 minute walk from Hornsby train station.

Notes
Should you have any topics that you wish to have covered in more detail please contact Bruttour International with the details, preferably before Friday 14th March.

Time
Each day will run from 8:30 am to 5.30 pm.

Contact
Paul Davies
Email: paul@bruttour.com.au
Mobile: 0418 468 943
Bruttour Office: 02 9987 1581
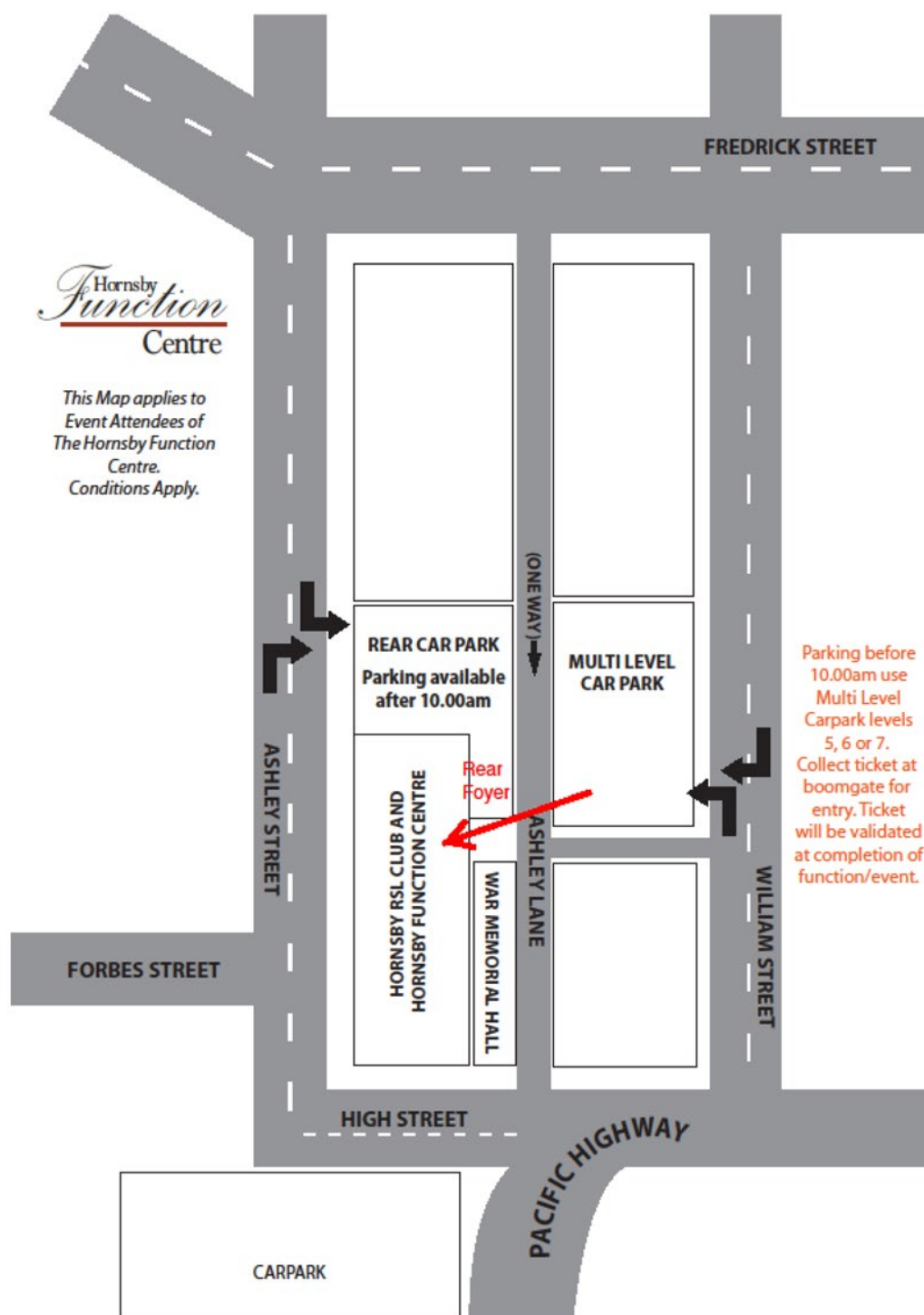Peter Garforth: 0409 806 441

Accomodation
Hotel ibis Sydney Thornleigh,
200 - 212 Pennant Hills Road,
Thornleigh,
NSW 2120
Prices around $119 a night
Phone: 02 9481 7500

Catering
Refreshments and lunch will be served daily during the scheduled breaks. Tea and coffee supplied. Light refreshments including lunch.

3 day event from 24th of March to 26th of March 2015

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WWW.HYPACK.COM

FREDRICK STREET

Hornsby
Function
Centre

This Map applies to
Event Attendees of
The Hornsby Function
Centre.
Conditions Apply.

(ONE WAY)

REAR CAR PARK
**Parking available
after 10.00am**

**MULTI LEVEL
CAR PARK**

Parking before
10.00am use
Multi Level
Carpark levels
5, 6 or 7.
Collect ticket at
boomgate for
entry. Ticket
will be validated
at completion of
function/event.

Rear
Foyer

HORNSBY RSL CLUB AND
HORNSBY FUNCTION CENTRE

WAR MEMORIAL HALL

ASHLEY STREET

ASHLEY LANE

WILLIAM STREET

FORBES STREET

HIGH STREET

PACIFIC HIGHWAY

CARPARK

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Tuesday 24th March

9.00 – 10.30
- Welcome to delegates and John Lindberg
- Introduction – HYPACK 2015
- Changes to Shell – an Overview
- Revisiting Drag & Drop
- Import Global Settings
- Easy Access to project manager
- New Project Manager functions – improved functionality to work with projects
- Multi select files
- Web maps

10.30 - 11.00   Morning Tea - Tea & coffee, croissants, fruit platter and muffins

11.00 – 12.30   HYPACK 2015 Survey - Changes and new features
- Hardware Configuration
- HYPACK, HYSWEEP and SIDESCAN SONAR hardware set-up
- Re-visit Geodesy and facilities available there-in, RTK Tides
- Geoid Models and Orthometric Height Correction
- Device Drivers
- Survey Data Transfer

12.30 - 13.30   Lunch - Cold meat platter, salad, soup and assorted juices

13.30 – 15.00   HYPACK 2015 Survey - Changes and new features
- New routines for Marine Construction
- Display of vessel sensors and tracking point in Survey
- Multiple window management
Survey Planning
- Hardware interface, offsets revisited
- Back ground files
- Datums
Planned lines (includes new features for creating line offsets)

15.00 – 15.30   Afternoon Tea - Fruit and nut cookies

15.30 – 17.00   Side Scan Sonar (SSS)
- Interfacing
- Controls – displays, playback
- Processing of Side Scan Sonar data – Target reports
- Data file conversion
- Export overview – Mosaics, Geotif

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Wednesday 25th March

9.00 – 10.30   Processing of Single beam editor – SBMax
- Tide import function
- Changes in data display option – delete above/below line, colours
- Using border file to clip survey data
- Import post processed GNSS data

10.30 - 11.00   Morning Tea - Tea & coffee, cones, pastries, cake and fruit platter

11.00 – 12.30
- Data sort options including 3D Sort function, working with big data sets
- Data export to XYZ

12.30 - 13.30   Lunch - Gourmet pizza bar and soft drinks

13.30 – 15.00
- Cloud display/edit functions
- TIN model (include 3D edit function)
- Contour Editor

15.00 – 15.30   Afternoon Tea - Fruit and nut cookies

15.30 – 16.00   • Industry Presentation
16.00 – 16.30   • HYPLOT – output to Geotif and PDF
16.30 – 16.45   • Final Products Wizard
16.45 – 17.00   • Question time regarding SB and SSS data

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Thursday 26th March – Multibeam

9.00 – 10.30
- Device options
- Configuration setup
- HYSWEEP Window options and controls
- Automatic Matrix creation 'on the fly' to show multibeam coverage
- Real time point cloud
- Enhanced Laser Scanning support
- Stationary Topo

10.30 - 11.00   Morning Tea - Tea & coffee, brekkie wraps and muffins

11.00 – 12.30   MBMax 64 bit
- Overview of new interface
- Update on Patch test, MBMax 64 bit Phase 1

12.30 - 13.30   Lunch - Baguettes, turkish breads, chicken skewers, quiche and fruit bowl

13.30 – 15.00   MBMax 64 bit
- Phase 2
- Cloud section editing

15.00 – 15.30   Afternoon Tea - Fruit and nut cookies

15.30 – 17.00   MBMax 64 bit
- Integration of CUBE
- Question time regarding MB data

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