

# AUSTRALIAN HYPACK 2024 WORKSHOP

## HYPACK Sydney 2024 Workshop

Once again, we are pleased to invite members of the HYPACK Community to the 16<sup>th</sup> Australian Users Workshop.

Choose to come for Single Beam only (Day 1), Multibeam only (Day 2&3) or all 3 days.

A representative from HYPACK will be presenting the training and answering your questions. Staff will be available to have one on one discussions during the workshop.

The workshop will introduce attendees to the latest version of HYPACK 2024 and demonstrate both the new features as well as other key components. GDA2020 geodesy will also be discussed in relation to datum shift parameters.

Participants will be able to focus on key areas of HYPACK 2024, using live case studies to obtain practical experience.

Participants will have the opportunity to discuss methods and solutions to project requirements with HYPACK, CEE HydroSystems staff as well as with other users.

If you have any topics that you would particularly like to cover or would like to plan a one-on-one time, please let us know so we can schedule it into the timetable.

As always, we can create a custom training program to focus in more detail on your particular application. For more details, please contact our office or this topic can be discussed in more detail during the workshop.

**Venue:**

Hornsby RSL Club  
4 High Street HORNSBY 2077

**Date:**

Single Beam - Tuesday 3 September 2024  
Multibeam - Wednesday 4 September 2024  
Multibeam - Thursday 5 September 2024

**Time:**

09:00 to 17:00

**Cost:**

A\$275 (inc GST) per person per day

**Meals:**

Lunch and refreshments will be provided for workshop participants.

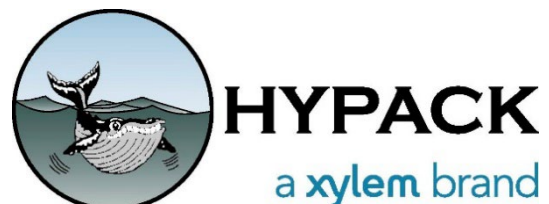
CEE HydroSystems will host a workshop dinner on Tuesday 3 September

**RSVP:**

Please register using the attached registration form by 2 August 2024 and forward to:

Email: [accounts@ceehydrosystems.com](mailto:accounts@ceehydrosystems.com)  
Phone: 02 9482 5880

We look forward to seeing you there.



# AUSTRALIAN HYPACK 2024 WORKSHOP

## DAY ONE:

### Tuesday, 3 September 2024 – Single Beam

|               |   |
|---------------|---|
| 9.00 – 10.30  | <ul style="list-style-type: none"><li>• Welcome to delegates and representatives of HYPACK Inc. a Xylem Brand</li><li>• Introduction – HYPACK</li></ul> <p>HYPACK Shell - Changes and new features</p> <ul style="list-style-type: none"><li>• Geodesy updates and facilities available there-in,</li><li>• Hardware Configuration recap SBES, SSS, Other useful devices</li><li>• Background files</li><li>• Target Editor – Overview</li><li>• Survey Log, Survey Data Transfer</li></ul> |
| 10.30 - 10.45 | Morning Tea   |
| 10.45 – 12.30 | <p>HYPACK Survey - Changes and new features</p> <ul style="list-style-type: none"><li>• Display of vessel sensors, shapes and tracking point in Survey</li><li>• Multiple window management, Real Time Cloud</li><li>• Window controls and setups</li><li>• Remote Viewer</li></ul>   |
| 12.30 – 13.30 | Lunch   |
| 13.30 – 15.00 | <p>Processing of Single Beam Editor – Updated SBMax64</p> <ul style="list-style-type: none"><li>• Introduction and work through</li><li>• Import post processed GNSS data</li></ul>   |
| 15.00 – 15.30 | Afternoon tea   |
| 15.30 – 17.00 | Single Beam Processing - Case Study   |

*Note: Program subject to change as required*



# AUSTRALIAN HYPACK 2024 WORKSHOP

## DAY TWO:

### Wednesday, 4 September 2024 – Multibeam Day One

|               |   |
|---------------|---|
| 9.00 – 10.30  | <ul style="list-style-type: none"><li>• Welcome to delegates and representatives of HYPACK Inc. a Xylem Brand</li><li>• Introduction – HYPACK</li></ul> <p>HYPACK Shell - Changes and new features</p> <ul style="list-style-type: none"><li>• Geodesy updates and facilities available there-in,</li><li>• Hardware Configuration recap SBES, SSS, Other useful devices</li><li>• Background files</li><li>• Target Editor – Overview</li><li>• Survey Log, Survey Data Transfer</li></ul> |
| 10.30 - 10.45 | Morning Tea   |
| 10.45 – 12.30 | <p>HYPACK Survey - Changes and new features</p> <ul style="list-style-type: none"><li>• Display of vessel sensors, shapes and tracking point in Survey</li><li>• Multiple window management, Real Time Cloud</li><li>• Window controls and setups</li><li>• Remote Viewer</li></ul>   |
| 12.30 – 13.30 | Lunch   |
| 13.30 – 15.00 | <ul style="list-style-type: none"><li>• Device options – MBES and Laser</li><li>• Configuration setup</li><li>• TPU Configuration</li><li>• HYSWEEP Survey Window options and controls</li><li>• Enhanced Laser Scanning support (device tools)</li><li>• Stationary Topo</li></ul>   |
| 15.00 – 15.30 | Afternoon tea   |
| 15.30 – 17.00 | <p>MBMax 64 bit</p> <ul style="list-style-type: none"><li>• Overview of User interface</li><li>• How to Patch Test Sonar and Laser</li><li>• Performance Testing</li></ul>  |

*Note: Program subject to change as required*

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## DAY THREE:

### Thursday, 5 September 2024 – Multibeam Day Two

|               |   |
|---------------|---|
| 9.00 – 10.30  | MBMax 64 bit <ul style="list-style-type: none"><li>• Cloud section editing</li><li>• Statistical Based Editing</li><li>• Using CUBE editing</li></ul> |
| 10.30 - 11.00 | Morning Tea   |
| 11.00 – 12.30 | <ul style="list-style-type: none"><li>• Case Study One – Multibeam Data Processing</li></ul>  |
| 12.30 – 13.30 | Lunch   |
| 13.30 – 15.00 | <ul style="list-style-type: none"><li>• Case Study Two - Multibeam Data Processing</li></ul>  |
| 15.00 – 15.30 | Afternoon tea   |
| 15.30 – 17.00 | <ul style="list-style-type: none"><li>• Multibeam questions and answers</li></ul>   |

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