



FVAA DC 018

**All BOM Committee members**

**MINUTES OF A GENERAL MEETING OF THE FVAA BOARD OF MANAGEMENT  
TELECONFERENCE HELD ON WEDNESDAY 02 NOVEMBER 2016**

**Present:**

Mark Mitchell	VIC and <b>President</b>
Michael Lloyd	SA and <b>NTD</b>
Leigh Porter	NSW & <b>Treasurer</b>
David Campbell	WA and <b>Secretary</b>

**Apologies:**

Liam Caplice	TAS
Clinton Leibinger	QLD

The President opened the meeting at 2003 AEST.

**ITEM 1. MINUTES FROM THE PREVIOUS MEETING**

The minutes from the 14 October 2016 meetings were accepted as a true record of the meeting except for.

LP raised discussion over Hoosier liability. Item covered at Item 6a. A discussion had taken place between MM and Max, and Max had agreed the tyres could be sent back and a contribution towards the freight may be sought.

Item 5a. 'CAMS rerpoint changes in their technical bullitins.' changed to 'CAMS report changes in their technical bulletins'

**FVAA BoM Action Item List Sep 2016** Changed to **FVAA BoM Action Item List Oct 2016**

Proposed: LP  
Seconded: MM

Approved – all in favour

**ITEM 2. ACTION LIST ARISING FROM THE PREVIOUS MINUTES**

Action list – items

147 **FVAA website.** Work ongoing regarding updates by Chris Burke. He will supply a quote for proposed work. Nothing further to report.

151 **New Cylinder Heads** – NTC to update on further options. No ideal solution at present. Nothing further to report



- 156 **5 year plan** – need to look a lower costs for engines and tyres. Ongoing, NTC to continue to review. Leigh suggested H-beams should also be considered for review. NTC looking at it – with ball-joint H-beams. See technical.
- 157 **Sale of FVAA cylinder head stock for road car use** – To be liquidated. Offer received yesterday but put on hold today for one month. Offer to be confirmed at next meeting. Photos sent to Chris Scoble in WA for consideration. They will be moved to Phillip Island by LP for either storage with MM or transport to WA with DC.
- 159 **Tyres.** See Technical update
- 162 **Bathurst 2018** – Keep in touch with Promoter and be ready to make decision in early 2017. NSW to follow up. On going.
- 163 **2017 National Challenge.** Tailem Bend may not be available for 2017. Possible to use Mallala but NSW to see if they can run the 2017 event. **4/5 Nov 2017 at Mallala** proposed.
- 164 **2017 Season.** FVAWA have submitted their 2017 calendar to Leigh and other states are encouraged to advise FVAA of their events soonest

### ITEM 3. Correspondence

Email from Trent Price, Motorsport Development Executive at CAMS – covered in Technical below.

Tyre contract from Alan Bradshaw, Yokohama Tyres – at annex A

### ITEM 4. Treasurer's report Oct 2016 accounts

Transactions for October listed on bank transaction list.

\$30.80 interest was credited to the Internet Saver account.

Income and expense noted on Profit & Loss statement

<b>Surplus (Deficit)</b>	October (\$ 5,306.22)	YTD FY17 (\$ 4,953.48)
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**Accounts Receivable at 31 October**  
Nil

**Invoices paid October**  
See FVAA bank account transactions attached

<b>Accounts for Payment October</b>		
Teleconference September		\$ 46.57
Mark Mitchell Tyre Testing		\$ 950.00 (Awaiting tax invoice)
Balance of Nationals tow money		\$2,146.65
<b>*Total</b>		<b>\$3,143.22</b>

As our BAS and GST reporting is on a cash basis, the P&L is prepared on the same basis.

Reconciled bank balance	Cheque account	\$ 339.62
	Online Saver	\$ 46,751.93

Cylinder head sales nil, heads in stock: 58 saleable



**Formula Vee Association of Australia Inc  
Profit & Loss Report for Year to Oct:2016/17**

		<b>Actual</b>
<b>Income</b>		
HTR	Hoosier tyre rebates	3,320.00
INT	Interest Received	166.88
POSTINC	Postage Income	9.59
SEALINC	Seals Income	50.00
	<b>Total Income</b>	<u>3,546.47</u>
<b>Expenses</b>		
FREIGHT	Freight Expense	26.65
FVAS16	Formula Vee Australian Series 2016	435.30
IRACE	iRacing Promotion Expense	25.00
NAT16	National Challenge 2016 Tow Money	4,853.37
POSTEXP	Postage Expense	23.04
TELECON	Telephone Conference expense	154.70
TYRETES	Tyre Testing	2,946.94
WEB	Web Site Expenses	34.95
	<b>Total Expenses</b>	<u>8,499.95</u>
<b>Profit (Loss)</b>		<u><u>(4,953.48)</u></u>

LP - Bills totalling \$46.57 were presented for payment to LP.

Approval for expenses above

- i. Proposed MM
- ii. Seconded DC

All in favour.

Rod Kowald has submitted an invoice for \$500 for his trip to WA to standardise the WA sealing cards. Payment approved previously in FVAA minutes.

#### **ITEM 5. Technical & NTC update**

a. **Yokohama Tyre contract** – see annex A. Includes a \$25 per tyre rebate to FVAA and an annual \$1500 contribution to the National Challenge event. Also a set of tyres to the outright Nationals winner.

DC – define Outright winner. ML to discuss with Alan whether a set is available for outright winners of both 1200 and 1600 classes. ML to check with CAMS that the Nationals will be AD08R only.

LP – no mention of disposing of the old tyres. Would like to see examples of the invoicing, specifically who to contact at Yokohama. ML to amend and contact Alan re invoicing.

b. **CAMS Technical regulations amendment** – from Trent Price, Motorsport Development Executive at CAMS.

Minutes for the 138<sup>th</sup> AMRC have been published online and available to read on the CAMS website: <https://www.cams.com.au/about/structure/commissions/amrc>



The AMRC's approval for the Formula Vee Tyre Tender located on page 5, in minute #2553.

CAMS's will incorporate the approved changes into the 2017 CAMS Manual.

Now that the decision has been approved by CAMS we need to execute the formal contract.

c. **H-beams** – ML looking at possible new designs for H-beams. Concern over liability for making new items. After market items are of poor quality and not dimensionally correct.

d. **FVAA engine cost reduction ideas.** ML reported that the following are being considered.

Engine	Component	Rational
Case	Aftermarket already compliant	No change required
Crankshaft	Counter weighted, aftermarket cranks already compliant	No change required
Connecting Rods	Aftermarket already compliant	No change required
Flywheel and Clutch Assy	Aftermarket already compliant	No change required
Camshaft	Control Camshaft	No change to grind.
Camshaft Followers	Aftermarket already compliant	No change
Cylinders, Piston Rings and Gudgeon Pins	Control Ring	Higher tension and make them last a season.
Forged Piston	Control forged piston to off set the performance reduction in moving to a higher tension control ring	
Cylinder Heads	Control Head / Control Supplier	Standardise flow and prevent tuning by the competitor. Aim to get pair of heads to under \$600 that flow
Valve Train	Roller Rockers to minimise adjustment or make elephant feet mandatory	Help to prevent to typical noisy VW engine sound associated with VW engines. - Cost increase so not a priority.
Lubrication System	Dry Sump	See comments in Bottom End Rebuild section.
<b>Engine Ancillaries</b>		
Carburettor	Weber or similar	Simplify tuning but hard to justify. It will provide better performance and air / fuel control plus it will be more attractive to new competitors.
Inlet Manifold	Control Inlet Manifold	Standardise flow of inlet manifold system. Stop need for hunting down VW parts that flow best. Would be best advantage if it was combined with a carburettor change.
Air cleaner	Aftermarket already compliant	No change required
Exhaust	Aftermarket already compliant	No change required
Generator System	Does not drive any cost except cost to strip generator.	No change required
Allow Alternator		Allow competitors to fit an alternator in the standard VW position. Off the shelf parts. Avoids charging batteries at the track. Already trialed with positive results in ACT. Potential to introduce as an option.
Cooling System	Delete Fan Shroud, Generator Housing.	Major appearance improvement. Deletes the potential for the Fan belt to slip off and overheat engine. Will mean changes to the cooling system to all vees. No one solution for all chassis readily available. Would need buying from competitors before starting any development
Distributor	Aftermarket already compliant	No change required
Crankshaft Pulley	Aftermarket already compliant	No change required
Fuel Pump	Aftermarket already compliant	No change required
<b>Engine Reconditioning</b>		
<b>Top End</b>		
Reduce Frequency of Top End Rebuilds	Control Ring	See above
Max one top end rebuild per 4 races. (I just picked 4 per year as SA has 4 race meetings per year, could be any number of race meetings per top end so long as its consistent Nationally)		Would need a process to control and the NTC would need to be able to grant dispensation if and engine fails for some other reason.



**Catchtank purchase.** ML requesting \$200 to pay to Daniel Rheinart to make a catchcatch for a dry sump to assess dry sump performance changes between standard and dry sump configuration for Vees.

Proposed ML  
Seconded LP

Approved.

#### **ITEM 6. General business**

- a. **Hoosier sales.** In October, liability to Hoosier was discussed as well as the Jul-Sep rebate of \$2360. The invoice should be raised now that the AMRC minutes have been published (LP to action) and MM will tell Max officially that Yokohama is the FVAA tyre from 1 Jan 2017.
- b. **2016 National Challenge.** DC reported that the FVAWA hosted national challenge was a great success with 38 entries and Kieran Glover and Wade McLean retaining their National Challenge titles for 2016 in 1600 and 1200 respectfully. Photos to be added to the FVAA webpages.
- c. **CAMS Superlicence.** CAMS have not included Vees in their Superlicence qualifying categories. MM reported that he had asked Vees to be put forward but CAMS had not done so. He will question CAMS again on the topic as our omission may affect our category numbers.
- d. **National Series.** LP announced that he would step down as the series organiser and a new organiser is required. Once state race dates are in the calendar the series can be discussed.

**Meeting closed at 2024 AEST**

**Next meeting planned for 7 Dec 16**

MARK MITCHELL  
President

DAVID CAMPBELL  
Secretary

02 November 2016

Annex A – Formula Vee ~ Control Tyre Supply Agreement 2017 ~ 2019



**FVAA BoM Action Item List Nov 2016**

<b>Action Item #</b>	<b>Action Item</b>	<b>Actionee</b>	<b>Raised</b>	<b>Due</b>
147	<b>DC to provide updates to Ian Lee to improve the FVAA website</b> ongoing. Chris Burke. He will supply quote for proposed work.	MM	3 Jun 15	Next meeting
151	<b>NTC to look at the supply of a range of heads and their parity in a cost saving way, with a view to using the \$17000 worth of FVAA heads</b> NTC to update.	ML	5 Aug 15	Next meeting
156	<b>BOM members to review 5 year plan</b> need to look a lower costs for engines and tyres	BOM	2 Sep 15	Ongoing
157	<b>Sale of FVAA cylinder head stock for road car use</b> All available at \$100 + GST	MM	7 Oct 15	Ongoing
159	<b>Tyres.</b> CAMS to confirm AD08R only for national events. Discuss if 2 sets of tyres were available per year for nationals winners. Contract invoicing to be cleared with Alan	ML	10 Feb 16	Next meeting
162	<b>Bathurst 2018</b> – Keep in touch with Promoter and be ready to make decision in early 2017. NSW to follow up.	LP	6 Jul 16	Report at the next meeting
163	<b>2017 National Challenge.</b> 4/5 Nov 2017 at Mallala	ML	14 Oct 16	Next meeting
164	<b>2017 Season.</b> FVAWA have submitted their 2017 calendar to Leigh and other states are encouraged to advise FVAA of their events soonest	All	14 Oct 16	Next meeting
165	<b>CAMS Superlicence.</b> CAMS have not included Vees in their Superlicence qualifying categories. MM reported that he had asked Vees to be put forward but CAMS had not done so. He will question CAMS again on the topic as our omission may affect our category numbers	MM	2 Nov 16	Next meeting



Annex A to FVAA Committee minutes Nov 16



Yokohama Tyre Australia Pty Ltd 123-129 Silverwater Road, Silverwater NSW 2128

ABN 26 001 361 459

14<sup>th</sup> October 2016

Mr Mark Mitchell  
 Formula Vee Association of Australia  
 P.O. Box 7690  
 Norwest BC  
 Baulkham Hills  
 NSW 2153

### **Formula Vee ~ Control Tyre Supply Agreement 2017 ~ 2019**

This document formulates the agreement between Yokohama Tyre Australia Pty Ltd (YTA) and the Formula Vee Association of Australia (FVAA), and is for the supply of Yokohama tyres, as the exclusive supplier of the Control Tyre for Formula Vee Racing in Australia. The Control Tyre supply is for use in all events at both National and State based levels of racing, and the agreement will cover all aspects of competition involving Formula Vee Cars. This agreement excludes Historic Formula Vee competition. .

The agreement will commence on January 1, 2017 and will expire on December 31, 2019. An option to extend the agreement for a further 3 year period can be exercised by mutual agreement between both parties at any time after the end of the second year of supply.

#### **Product**

The Control Tyre nominated by us is the Yokohama AD08R Advan Neova pattern. The front tyre size will be 185/55R15 AD08R, and the rear tyre will be 195/55R15 AD08R. For identification purposes by the technical engineers during scrutineering, the Article Numbers relating to the specific tyres can be found in the table contained within.

In the unlikely event that Yokohama change the design or pattern of this nominated tyre, both parties will agree to test and approve any successor prior to this supply agreement continuing its term of supply. Yokohama will ensure that the tyres will be of merchantable quality and be fit for purpose of use by the FVAA Drivers for the Events during the Term of the contract.

Yokohama recognise 1200cc class cars in Formula Vee's will have the option of running the previous brand of tyre (Hoosier) for a period not extending beyond the first 12 months of this agreement. After this date they must also comply with the terms of this agreement.

#### **Service**

Yokohama will ensure trackside service support will be made available for all FVAA nominated events, and with sufficient numbers attending, at agreed practise days where possible. The FVAA will provide Yokohama a copy of the event calendar each season nominating both National and State based events as soon as dates have been confirmed. This will assist us in ensuring a smooth supply of product and service throughout the course of the contract,





Detailed below are the nominated Yokohama Motorsport Dealers for supply and service. All Dealers operate normal retail business operations, so off circuit purchasing is also available for your competitor base. It is also strongly recommended that all competitors keep in close contact with the Motorsport Dealers well prior to any events, confirming their tyre requirements in advance, to avoid any supply issues.

List of Yokohama Motorsport Dealer Network contacts:

State	Dealer	Address	Phone	Mobile	Email
NSW	Gordon Leven Motorsport Tyres	133 Russell St Emu Plains	02 4735 8734	0438 395 741	<a href="mailto:billpea@bigpond.net.au">billpea@bigpond.net.au</a>
VIC/TAS	Traction Tyres & More	65 Kelletts Rd Rowville	03 9764 2811	0418 323 401	<a href="mailto:andrew@tractiontyres.com.au">andrew@tractiontyres.com.au</a>
QLD	Strathpine Tyres & More	2 Dixon Street Strathpine	07 3194 4548	0418 725 955	<a href="mailto:strathpine@tyresandmore.com.au">strathpine@tyresandmore.com.au</a>
NT	Darwin Tyrepower	131 Stuart Hwy Stuart Park	08 8981 6911	0458 110 197	<a href="mailto:darwin@tpdarwin.com.au">darwin@tpdarwin.com.au</a>
SA	Kensington Park Tyrepower	382 Magill Rd Kensington Park	08 8431 5856	0417 817 573	<a href="mailto:kparktyrepower@bigpond.com">kparktyrepower@bigpond.com</a>
WA	Wheelsworld Tyres & More	4A Carbon Ct Osborne Park	08 6260 0842	0401 807 895	<a href="mailto:peter@wheelsworld.com.au">peter@wheelsworld.com.au</a>

### Pricing

The tyre pricing for the tyres nominated is as detailed below:

Item Description	Article No.	Fitment	Width mm	Diameter mm	Retail Price including GST	Formula Vee Price inc GST
185/55R15 AD08R	F7341	Front	193	585	\$202.00	<b>\$182.00</b>
195/55R15 AD08R	F7314	Rear	198	593	\$212.00	<b>\$192.00</b>
<b>Set of 4 tyres</b>					<b>\$828.00</b>	<b>\$748.00</b>

All tyres are to be only purchased through our Yokohama Motorsport Dealer Network. Any tyres purchased and used by any competitors, that are found to not be through the Yokohama Dealer Network, will be in breach of; and will jeopardise this whole agreement.

All tyres are to be purchased by competitors in all cases on a C.O.D. basis (cash or agreed credit card) on the collection or delivery of goods. No credit terms will be offered. Tyre pricing will include the original fitting and balancing of each new tyre. The pricing indicated will be set for the first twelve months of this agreement.

Any further pricing changes that may occur after that period, will be in line with general changes in Yokohama's full product range, and reflected in our published Yokohama price book. As a reference the relevant price book will be dated February 2017. Advanced notice will be provided to FVAA of any changes impending.

### Services

Any further work performed for subsequent stripping, re-fitting and balancing after the original service, will be chargeable at the rate of \$10.00 per tyre.

### Sponsorship

Yokohama will support the FVAA with a \$25.00 per tyre rebate including GST for each control tyre purchased by bonfide FVAA Association members for the term of this agreement. This will only apply to tyres purchased through our Yokohama Motorsport Dealer Network. All Yokohama Motorsport Dealers will keep records of purchases made by bona fide competitors and report on





the same on a six monthly basis. FVAA competitors must confirm their association with the Series at the time of purchase. The extent of all sponsorships for this agreement will be as detailed above.

The tyre rebate will be paid every six months (in June & December each year), on receipt of a tax invoice to be raised by the FVAA to Yokohama. It is important to ensure these sponsorship transactions occur on time, as late payments shifting into subsequent years becomes a burden for us all.

Yokohama will also commit the following to FVAA a one off \$1,500.00 support will be provided towards a single Nationals style event held annually and nominated by FVAA in advance. 4 tyres will also be supplied free of charge for the Outright Winner of the main event of the Nationals Race Meeting. In the event that a Nationals style event is not arranged in a calendar year of the agreement the funds will not be made available by us.

### **Signage**

All FVAA competitors will affix a minimum of two (2) YOKOHAMA stickers (length is 450mm and available in either black or white) on the front nose cone area of each car. Yokohama will also provide podium caps for the top three competitors at all events. Supply of all materials will be available from each Motorsport Distributor.

### **PR / Exposure**

Yokohama Tyre Australia and the FVAA will work together towards mutually beneficial publicity through PR development to ensure strong 'brand' awareness for Yokohama and Formula Vee Racing. Deanne Ferro from Yokohama's Marketing department will be in contact with you for newsworthy stories, based on your calendar of major events, to ensure your Series is highlighted within our new Yokohama / Advan Motorsport website and other areas like our Facebook page, as and where suitable.

Yokohama would also like to extend the offer of a Preferred Buyers Club available to all FVAA members for the purchase of any Passenger Car, SUV & 4WD tyres required through our Motorsport Dealer Network. We will arrange a 10% discount from the Published Recommended Retail price on all purchases by bona fide members at the time of sale (not applicable in conjunction with other published specials when they are on offer).

In closing we look forward to building a long and prosperous association with your category as both a supplier and sponsor for many years. We are very confident this will be a mutually beneficial relationship and look forward to going racing in 2017 and into the future!

Regards

**Alan Bradshaw**

**Yokohama Tyre Australia Pty Ltd**

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