

June / July  
2014



# WOLLONGONG CAMERA CLUB

## MOVIE MAKERS

### MEETING NIGHTS

First & Third Thursdays of the Month

### MEETING VENUE

Figtree Heights Public School, St George  
Avenue & Lewis Drive

Vehicle entrance off Lewis Drive

FIGTREE

### CONTACT DETAILS

[www.wollongongcameraclub.com](http://www.wollongongcameraclub.com)

[www.youtube.com/wollongongmm](http://www.youtube.com/wollongongmm)

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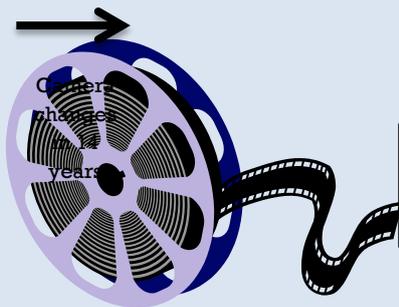
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# Last Month at the Club

## *1<sup>st</sup> May 2014 – Combined PG & MM Meeting*

Eight PG members attended the combined meeting clearly out numbering the six MM members for a night on how to use various types of cameras to shoot video.



Chairman, Tom Hunt, explained that with the modern digital camera it does not matter what shape, size or type it is, most will shoot reasonable quality video. The programme for the night was as follows with Tom Hunt and Ian Simpson leading the discussion:

### **ICE BREAKER**

*No Longer Video Cameras & Still Cameras – Just Digital Camera* *Tom*

*Screen video shots from various cameras – firstly without identification* *Ian*

*Ask the audience to pick the dedicated video camera* *Tom*

*Re-Screen shots but this time with cameras identified* *Ian*

### **THE POTENTIAL OF USING ONE CAMERA FOR BOTH VIDEO & STILLS**

*Holiday Snaps – Introduced and conduct discussion* *Tom*

### **CAMERA CRAFT**

*Ian introduced the various items of camera craft via a selection of shots and scenes in a prepared video.* *Ian*

*Focussing – Manual or Automatic*

*Jump Cuts*

*Avoid Jump Cuts by using a Cut Away*

*Using a Cut Away or Cut In to reduce the time an event takes place on the screen*

*Never Pan in one direction and then pan back in reverse direction*

*Pan Slowly and if possible follow a moving Person or Object*

*Shot selection: Extreme Long Shot, Long Shot, Medium Shot and Close Up*

*Crossing the Line*

*Zooming needs to have a Reason*

*It is hard to create a smooth zoom*

*Consider replacing a zoom shot with a sequence of shots*

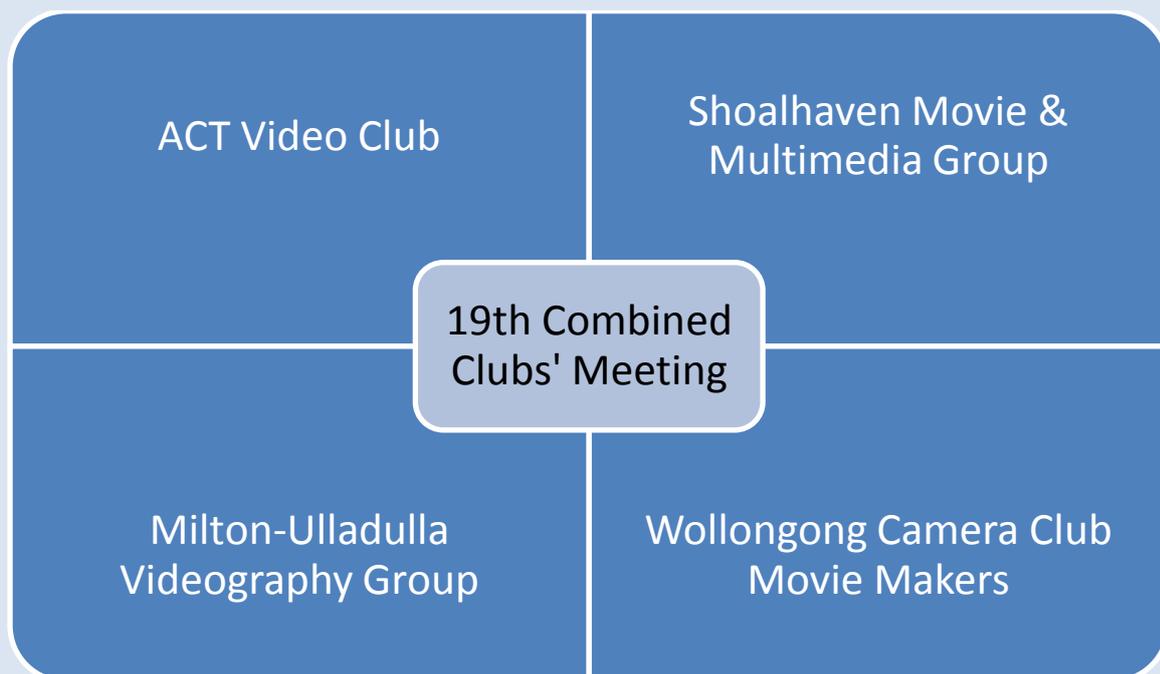
*For Best Sound use an external microphone*

### **NEED TO TELL A STORY**

*Tom*

Tom Hunt rounded off the combined club night with the discussion topic; that a video no matter its length or subject needs always to tell a story.

Thanks go to Max Davies, who took it upon himself to video this meeting as record for other absent members of the Club.



by Tom Hunt & Max Davies

The 19<sup>th</sup> Combined Clubs' meeting and the 13<sup>th</sup> Southern NSW Division of FAIMM meeting was held in Nowra on Saturday the 10<sup>th</sup> of May. The meeting went well with around 20 attendees representing all 4 clubs. The first speaker gave us an insight into the trials and tribulations of producing major shows at a local private school. He displayed, demonstrated and discussed some of the extensive radio microphone gear that was used in the musical productions. Once every 6 months/year they bring together yet another show from Broadway, etc, such as "Hairspray" that they are currently working on.

Shoalhaven Movie & Multimedia Group (SM&MG) was to be congratulated on their wonderful spread of goodies for both morning and afternoon teas.

The second speaker, Trevor Aspin, was a club member from SM&MG, who stepped in at the last minute when the scheduled speaker couldn't make it. He gave a fine presentation on the subject of videoing interviews. Some very useful information was presented. Lunch was from a good variety of options provided at low cost from the Bomaderry Bowling Club.

We had a look at a few of the gadgets brought along by various members, notably Max Davies' new home constructed slider. Then three of the 4 clubs showed the results of their movie challenge exercise, with WCCMM debuting "The Diamond Lift" which was well accepted. The demise of two crooks out to make off with some big new diamonds made good use of the prescribed lines for the drama. The Shoalhaven Movie & Multimedia Group presented a story of fishing without watching the weather, with some not to be forgotten water slapstick, whilst the ACT Video Club showed, "A Day at the Races" by Mark & Judy Tunningley. It was good to see most of the team in our new club tee shirts, and great to get further compliments about the conference. Altogether a great day and well worth the drive.

### *15<sup>th</sup> May 2014*

The mid May meeting was on the theme of taking shots to tell a story, and we looked at specific videos from the FAMM Shield competition concentrating on how the video photography was able to present a chosen theme, mood and story line. We looked at:

Concept	Demonstrated in:
Set the scene – establishing shots	Flaggy Creek - FAMM Disk 1 #5
Set the theme – with a hook if possible	
Stay with the theme	
Camera location - make it interesting	"Three minutes of wow" experimental footage – thumb drive
Ask people for their story – and hit record	Kites High - FAMM Disk 2 page 2 #2
Bring in points of interest and little things – record cut-aways	Cathy & Darrens big day – thumb drive
Be inventive – add things to create a story – tell us something we didn't know	Evil at the crossing - FAMM Disk 1 # 3
Choose images that relate to the audience but present them in a different way	2 minute history of the World (from internet)
Add emotion through the type of shot	And a chair as well - FAMM Disk 1 Page 2 #3
Be observant and patient – capture the things of beauty and interest	Borneo Jungle landscapes – FAMM Disk 2 # 2

## 5<sup>th</sup> June 2014 – Mid-year Competition

Last meeting was the half yearly comp, which was prefaced by a great talk by Anthony about his new camera, which was very interesting from the point of view of what Anthony had chosen, the particular make and model.

It was then very instructive for us all trying to judge six very different entries in the mid-year competition - the entries were:

*Seabird Rescue* - Max

*Mount Annan Gardens* - Noel

*On Fire* - Noel

*Our Garden* - Noel

*Diamond Lift* - Team entry - whole club

*Minute of Madness* - another team effort - John, Brian and Tom

*Minute of Madness* took out top honours followed closely by *Diamond lift* and *Seabird Rescue*.

## 27<sup>th</sup> June 2014

Members requested this additional night to allow the display and discussion of the use of sliders. The inspiration for this night came from the camera movements in Ian Huish's "Flaggy Creek" which was shown at the FAMM Convention.

Suitably on this equipment based night was Chris Dunn's *Hotspot* where he showed his recent purchase of a ring-light. Unlike the more common ring-flash setups used by still photographers, this LED ring-light gives a continuous even light which is very suitable for macro-videography. Chris obtained it from B&H in New York for \$224US. He plans to use it to enhance his interest in macro-videography.



Chris Dunn with his ring light



Max Davies shows Anthony Howes (left) and Tom Hunt (right) his new slider.

The rest of the night was devoted to the examination and discussion of two sliders and one tripod dolly. The eight members in attendance firstly examined Max Davies' "home-made" slider. Max used two light stands to form the support and a horizontal bar attached to the top of the stands to form the running rail for the slider. The camera was attached to a platform that slid along the horizontal bar. Max commented that there was some low level noise from the ball bearings when sliding.

Anthony Howes then demonstrated his slider which is attached to the head of a tripod. Unlike Max's design, the tripod head and the ball and socket attachment to the camera allows the slider and camera to be tilted in all three planes. This slider can also be configured to act as a small jib.



Anthony Howes demonstrates his tripod based slider



Chris Dunn with his tripod dolly.

Finally Chris Dunn exhibited his tripod dolly. This arrangement is good for level floors giving a very smooth motion to the camera, as Chris demonstrated. Chris commented that it was difficult to move in a straight line but by locking one of the wheels produced a very smooth circular action.

After all the demonstrations and discussions it was back to viewing once again the reason for this night, Ian Huish's "Flaggy Creek".

### ***2014 Wollongong Camera Club Exhibition – 21<sup>st</sup> – 22<sup>nd</sup> June***

The annual exhibition of members' works was held at the Old Wollongong Court House at Belmore Basin. As in previous years the Movie Makers' videos were combined with the merit and credit winning electronic images of the photographic members on a DVD which was played continuously during the exhibition. This year, unfortunately we were locked out of our normal viewing room and so an area had to be made available in the "Archival" display room.





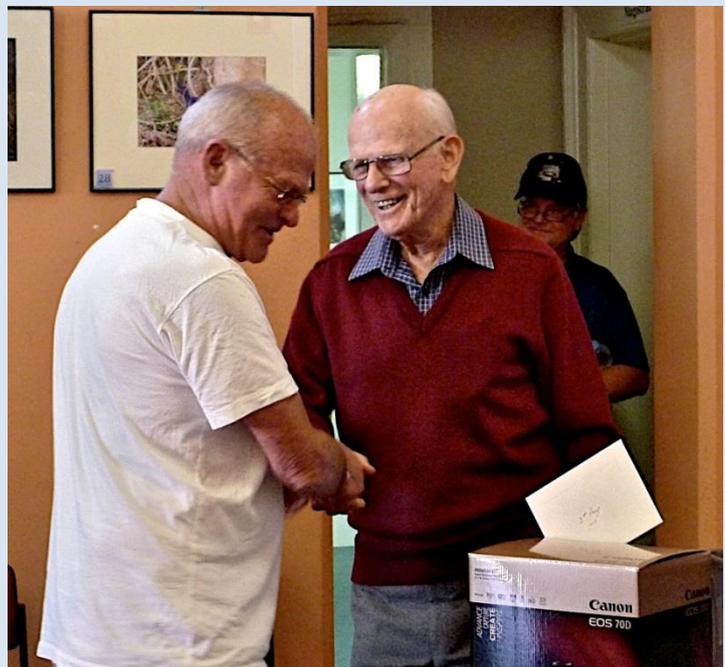
Geoff Gray (left) talks with Keith Smythe about his photograph (centre) in the “Archival” Room with the DVD of videos and electronic images playing on the screen (right). Keith’s “thank you” bottle of wine being in front of the screen.

At the exhibition the raffle for the Canon EOS 70D was drawn by long term member of WCC, Keith Smythe, with WCC member Greg Delavere being the winner. The other prize winners were:

*2nd Prize - Voucher \$200.00  
PETER SALVAIR*

*3rd Prize - Voucher \$100.00 TONY  
MANN*

*4th Prize - A Framed Print donated  
by Eunice Daniel*



Greg Delavere (left) being congratulated by Keith Smythe on winning the Canon EOS 70D



Keith Smythe drawing the winning ticket for the Canon EOS 70D.

## *2014 Wollongong Camera Club Exhibition DVD Menu*

<u><i>Item</i></u>	<u><i>Duration (minutes : seconds)</i></u>	<u><i>Author</i></u>
<i>WCCMM Promo</i>	<i>1 : 09</i>	<i>WCCMM</i>
<i>Holiday Snaps</i>	<i>5 : 53</i>	<i>Tom Hunt</i>
<i>West MacDonnell Ranges</i>	<i>6 : 33</i>	<i>Bruce Shaw</i>
<i>EDIs Open &amp; Subject; Merit &amp; Credit</i>	<i>6 : 34</i>	
<i>July to November 2013</i>		
<i>Edna</i>	<i>0 : 43</i>	<i>Max Davies</i>
<i>Marriage</i>	<i>0 : 46</i>	<i>Max Davies</i>
<i>Password</i>	<i>1 : 05</i>	<i>Max Davies</i>
<i>EDIs Freestyle; Merit &amp; Credit</i>	<i>1 : 23</i>	
<i>July to November 2013</i>		
<i>Minute of Madness</i>	<i>1 : 00</i>	<i>Tom Hunt</i>
<i>Weather Update</i>	<i>2 : 19</i>	<i>Tom Hunt</i>
<i>Fear Not</i>	<i>3 : 04</i>	<i>Max Davies</i>
<i>2013 Images of the Year</i>	<i>0 : 23</i>	
<i>EDIs Open &amp; Subject; Merit &amp; Credit</i>	<i>3 : 35</i>	
<i>February to April 2014</i>		
<i>Seabird Rescue</i>	<i>7 : 06</i>	<i>Max Davies</i>
<i>The Absurd Fear</i>	<i>4 : 17</i>	<i>Ian Simpson</i>
<i>Ray White—Woodcarver</i>	<i>6 : 00</i>	<i>Max Davies</i>
<i>The Diamond Lift</i>	<i>5 : 30</i>	<i>Tom Hunt</i>
<i>Perceptions</i>	<i>4 : 56</i>	<i>WCCMM</i>



## “Grey Nomading”

After the FAMM Convention ended in early April many of our members began treks to all the compass points of Australia. The touring spirit, pent-up during the many months of organising the Convention, finally flowed freely; these members had finally joined the great Australian *Grey Nomad* population.

First off the starting blocks were Brian and Kath Harvey who headed west like good explorers do. But it was not in search of an inland sea nor a search for golden riches, rather they were searching for something more tangible and inspiring; the beauty of this wide brown land. Highlights were Alligator Gorge near Wilmington; Bremer Bay with the sea salmon fishing; the famous Busselton Jetty and underwater observatory; but clearly what comes across from Brian and Kath’s emails of their journey is the beauty of the landscape. They saw “amazing sunsets and sunrises” on the Nullarbor, or seeing



Alligator Gorge



Sea Salmon fishing at Bremer Bay



Busselton Jetty

the Southern White Whales with their calves or the many stunning seascapes.

A picturesque drive for the photographer Brian was sadly tarnished by car problems at Esperance.



Bunda Cliffs, Nullarbor



Afternoon Sky, Nullarbor



Bush Camp, Nullarbor

The second to join the nomadic tribe of Australians were John and Ann Devenish, they also went westward but into the Pilliga Scrub. They set up camp at the Salt Caves and then tested the Suzuki out on side trips to Baradine and the Sculptures in the Scrub.



Camp site at Salt Caves, Pilliga



Sculptures in the Scrub, Pilliga



Sculptures in the Scrub, Pilliga

After a brief interlude on the South Coast to attend the Combined Clubs' Meeting, John and Ann headed north to give their Suzuki further 4WD challenges in and around Kingaroy. More 4WD experiences then followed entering the Carnarvon National Park. After such exercising of the car it was time for John & Ann to do some exercising themselves; fossicking in Sapphire.

As they continue to head north they are experiencing the winter

heat ... ahh to be warm in winter!

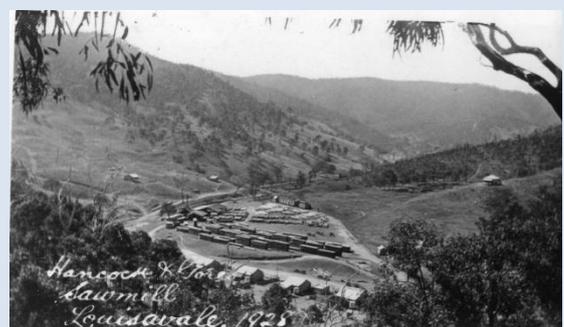
The third nomads to leave the South Coast were Ian & Marie Simpson who went in search of relatives, past and present. First was a trip south to Wangaratta to sight the house of Marie's great, great, great grandfather, who built it in the mid-1850s. Then it was northwards to Brisbane and surrounding regions to search for the site where an old timber mill once stood in the 1920s. For



The mid-1850s MacDonal House

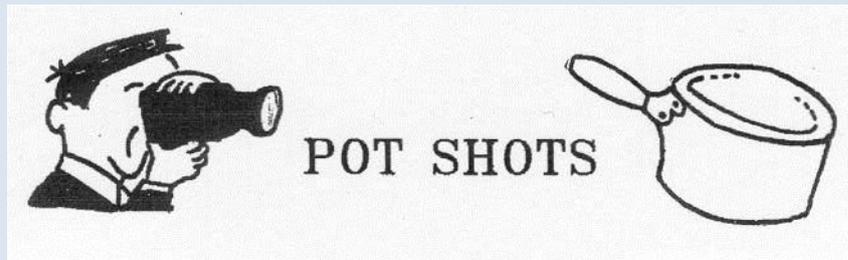


Louisavale 2014 from the cottage on the hill members who remember the videos, "Louisavale" and



Louisavale 1928 – Only cottage on hill at the right still stands

"The Lady Photographer", this was the place that Marie's father spent the first few years of his life. A scenic drive in from Jimna revealed the site to be now a cattle station with the family home on the site of the mill, and all that remains is the cottage on the hill to right in the B&W 1928 photograph.



### ***Sensor Size, Pixel Size and Video Format***

With the ever onward march of technology, we at some stage will face the decision; what new camera will I buy? Once this was an easy matter; a camera took photographs and a camcorder took video. But now everything from a smart phone to a digital camera to a dedicated camcorder will shoot video. And if this isn't sufficiently confusing with a multitude of models to select from, the manufacturers have added to the mix variations in sensor size, in the number of pixels available to record the image and in the lenses provided to frame the image. Why are these last three important? They are important because they go some way to determining both the image quality of the video and the conditions under which you can obtain good footage.

In the digital world an image is formed by the following elements:

- 1) First there is the scene and its lighting conditions,
- 2) Next there is the lens or optics that controls and focusses the light rays from the scene onto the sensor,
- 3) Then there is the sensor that converts the light rays to electrons, and
- 4) Finally there is the processor that reads all these electrical signals and processes them and stores them on the memory card.

There are a few general rules of thumb pertaining to the sensor size and the pixel size. The first is that *a smaller pixel size collects less light* in the short exposure time of 1/50 of a second (PAL system) than would a larger pixel. Hence when the light intensity decreases the image formed from the subject will become dimmer, unless some enhancement is made in the form of electronic gain (much like using a higher speed film). Then just like what happened in the film days with high speed films, the digital image becomes "grainy" because the light from the scene is now so dim that the electrons produced in the sensor are now not that much higher in number than those created by noise in the camera's electronics (an analogous situation is the hiss you hear in a speaker system when not playing music). The second is that *for a given lens focal length or sensor size there is an optimum pixel size that balances image resolution with low noise ("grain") in the image*. Thus for a fixed sensor size, pixel sizes below the optimum size, whilst increasing the possible resolution can also result in poorer low light performance. Alternatively at the other end of the pixel size range, good low light performance is gained at the expense of resolving the finer detail.

When camera manufacturers tackled the four fold increase in resolution required by the Ultra High Definition or 4K format, they had to reassess pixel size and sensor size. An interesting response to this was from *Sony*. This company, for the amateur market, settled on a 1 inch sized sensor and built in 20.9 megapixels, of which 14 megapixels are used for video. This sensor at 13.8 by 8.8mm is substantially bigger than what was previously used in camcorders or smart phones, such as 4.8 by 3.6mm (1/3 inches) or 5.371 by 4.035mm (1/2.7 inches). The choice of the larger sensor size has not only allowed a higher pixel count but also a larger field-width (image size). The latter in turn has required better quality optics. Here *Sony* has called upon the famous German lens manufacturer, *Carl Zeiss*, to come up with not one but three high quality *Vario-Sonnar T\** lenses. The same 1" sized *Exmor R* back-illuminated CMOS sensor and the same *BIONZ X* image processor are now interfaced with a 12 x zoom (29 to 348mm in 35mm speak and F2.8 – F4.5) for the *FDR AX100* video camera; a 24 to 70mm wide aperture, F1.8 - F2.8, zoom lens for the digital camera model *DSC-RX100 III* and finally a 24 to 200mm, F2.8 maximum aperture lens for the digital camera model *DSC-RX10*. All three will shoot High Definition video at up to 50p, with the video camcorder, *FDR AX100*, also capable of shooting Ultra High Definition footage using *Sony's* own codec, XAVC S. With these three models *Sony* has achieved the unification goal of producing single cameras that can shoot both good quality movies and stills, all you need to decide is what shape and size suits you best. And we haven't even discussed their video capable 7S camera!

# 2014 Programme

Date	Meeting Agenda	Place	Responsible Member
July 3	Combined Night with PG members to discuss moviemaking with DSLRs and the making of Audio-Visuals – the editing stage.	School Hall	All Members
August 7	The Documentary and the Amateur Videographer + Producing a Good Story from an Interview	School Hall	All Members
September 4	BYO members' videos and audio-visuals	School Hall	All Members
September 18	Workshop Skit or Training Camera Techniques	School Hall	All Members
October 2	Guest Speaker: Getting the most from your camera.	School Hall	All Members
October 16	Planning 2015 Programme & YOTY and A/V entries are due	School Hall	All Members
November 6	Video Journalism & the Amateur Videographer	School Hall	All Members
November 20	Workshop Skit & Training- mixing sound	School Hall	All Members
December 4	Gala Night for screening entries in VOTY & A/V competitions	School Hall	All Members
December 9	Club Annual Dinner & Presentations	Builders Club	All Members

Colour Code: Normal Monthly Meeting    Extra Monthly Meeting    Special Meeting

## WCCMM's Theme for 2014 – "Share and Learn"

"Share" our talents to make a good video production team, and "Share" our ideas to make our individual efforts better.

"Learn" from our team productions to make better club videos, and "Learn" from other's videos how we can make our own videos better and more interesting.



The Wollongong Camera Club Exhibition of photographs and videos at the old Wollongong Court House, 21 to 22 June 2014