

700 Stewart Photo ID.

Arrived 8:40am Current displays of the H.264 Development timeline along with the video display for documents.

All directions are facing towards the seal.

(also a sticky on <sup>MT side</sup> ~~the~~ side that says "doc?")

On the right there are 7 people at a table

On the left 6 (though people are moving about abit.)

4 more on the right on a bench inside the gate (no bench on left).

5 in public area <sup>pew</sup> Night behind with sticky note saying: "Sullivan, Ochs, Orchard, Delcastro, Gibson" (one per line)

Behind that two people black suits on pew 3 people, one with documents and red pen, ME, boy in jacket jeans Macbook. Then guy with laptop tweed? sportcoat.

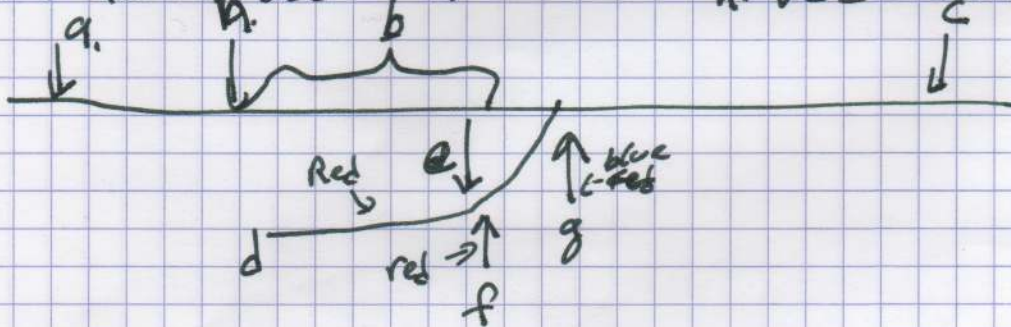
on left 1 guy on first pew, then 2nd white chair ten suit Macbook woman standing. boy red small checked shirt iPad.

(I think left is MS)

More people.

H.264 development timeline

- a. VCEG calls for proposals Jan 488 (maybe 99 it's far away)
- b. VCEG creates and improves working designs test verification of about 50% improvement
- c. First release of H.264 AVC standard May 2003?
- d. MPEG 6 calls for proposals, Jun 2001.
- e. VCEG submits design to MPEG 6 July 2001
- f. MPEG 6 adopts VCEG design July 2001.
- g. JVT formed Dec 2001
- h. VCEG adopts draft Aug 1999



Left lawyers using mostly Dell and Lenovo laptops, (women on each lawyers table,

24 people outside gate (including 5 with port it and mac) lawyer on left + right most on table uses fire-fox (saw error page).



left is MS.

(missed MS names).

Missed names.

Rags and Grey, Summit,

Phil McCune Rags and Greg

"Software still doesn't hold a candle to strip clubs"

Not Margaret.

Confidential exhibit housekeeping

Ella Robbins - conferred over list, incidents parties agreed pro/standards  
seeded things. 3417, 502, 238, 2370, 2371, 3094  
may come up 2422, 2689, 2576, 2652. others  
2138, 2353, 263852 2888, 2730

Not sure what the "seeded order" is obviously.

Just handed over list for pro/standards 428, exhibit 6. category on how  
seeded.

428 - note confidential IT 340 page document, 3419 is public/redacted  
version. Exhibits Del castro thing → want room cleared future product  
reference this will close after launch. Samsung wants documents  
seeded and were included on Brenner's list → corrected both sides.

end me

Dr. Sullivan on stand. by time VCE G had finished proposal  
a 50% compression improvement.

"What is that?" overall reduction of 50% video sequence.  
unclear cut in half from what while achieving 1/2 number of bits.

How did summer 2k1 compare. Very similar to VCE G final standard.  
Motorola made no proposals that were part of VCE G standard.

Q4/01 → (chart of bit rate chart). TML-9.

JM G.1 - approximate final standard. Joint video standard.

Bit rate vs PSNR. by time it was joint project, vast majority of  
improvements already made. Motorola did not contribute to JM G.1

2271 - submission to MPEG by Motorola - contribution doc. contains no  
proposals, has report on performance on existing work.

special features for interlaced coding features. Motorola made 3D1 proposal  
for interlaced video, MPAFF was in MPEG 2 as well as MPEG 4.

Some MPAFF not originated by MT, best alternative very similar to other  
contributions in MPEG 2, coding frame switching. "Paired macroblocks".

PAFF - in earlier MPEG 2, MT did not only PAFF, mostly

Day 2. 2013 difference.



unpublished quoted in MT brief.  
email in 2005: 2345 exhibit quoted extensively. (not on screen)  
Patty (last) EPROFIT. She was concerned about IP standards and wanted to know how pools worked. Never personally in a licensing negotiations or in a venue in a patent pool. Should not mix up patent pools and standards. Pools happen outside of standards. colorful language. you decide if your IPR is in the fundamental category on the "Bozo tweak" category. Patent holders decide.  
Chaired SDI. Viewed MT proposals. Did not consider MT contributions fundamentally important.

Cross examination. Pinstripe soft classes. → Mark Roland networking Dep.  
July 2007 contribution to MPEG 6 by Motorola, 227.  
Comparing MPEG 4 to H.26L a bit worse than MPEG 4. Attributed to lack of interlaced coding tools. Figure 16

comparing UVLC configuration, H.26L, and MPEG 4 w/o interlaced video. Don't know what that is. Sullivan mentions UVLC everytime on particular test sequence / configuration / bit rates

Figure 15. another similar chart. "relatively low range of bit rates".  
MT proposed interlaced coding tools in Dec 2001. as first released had multiple profiles. Baseline main, extended. Interlaced content tools in main profiles. Mpeg 4 included a "high" profile also included interlaced content

VC-1/2/10, "stereo high profile" also has interlaced coding tools.

3398 → paper by Sullivan et al conference. → MS person.  
Section 2.4 has discussion of stereo high profile. "Multiview High profile". did not support interlaced video. might qualify "could not be coded as individual fields" next PCAFT (picture level). Industry requests received for interlaced and joined things.

MS added interlaced to WMV or VC-9 as a standard. Added in VC-1 WMV-9 may have gotten VC-1 later. V-A had interlaced. And some version with interlaced in one profile has VC-1.

3381 - in reference to main goal of VC-1. MT lawyer said it was <sup>encoding</sup> interlaced without first converting to progressive. 3381 agrees with MT lawyer. From MS website.

Has a series of papers related to H.264. Page 566 of exhibit 4224. - H.264 Adaptive frame field coding stuff. explaining that H.264 lots encoders choose different way of encoding video. Frame mode and Field mode.

Encoder could put a progressive video in field mode (but you probably wouldn't want to). pairs of macroblocks. PAFF coding reduced bit rates by 16% on some sample sequences. "Reducing bit rates is a good thing".  
On some sequences MPAFF reported better than PAFF by 14-16%.

Back to Fig 18 4224 does not show interlaced video performance. These are not "high resolution". This is about 1/4 of standard resolution. At least some improvements after MT started some sort contrib.



Exhibit ~~575~~ 575 - another paper by Sullivan. 2005.  
p 27 of article. "several lemons numbers" Adaptive framefield coding  
operation Intra-coded has different properties than progressive (statistical).

574 - report magazine article, 2006, "core coding technology  
of H264. Main innovative features. Discussion of MPAFF.

3389 - H264 and deployment status - conference paper (does MT counsel not  
know cont vs industry paper he keeps doing this?).  
Section on Patent licensing and patent pools. Holders don't have to use such  
pools. Licensing issues may take 20 years, usage fees. Being fixations.  
Licensing issues do not appear to be a widespread hindrance to deployment  
efforts. Short list of people/companies that have deployed it post-B.  
DVB-S in broadcast TV, BluRay.

Direct X video acceleration.

581 - DX video acceleration spec for H264. by Sullivan.

Software decoder talks to hardware. Some other DX some by SW. MPAFF.

Back to email 2345 - email chain. invited Patte to talk at workshop.  
she was concerned about patent pools not being "controllable" - MT lawyer. and in email  
response

"Standards body have NO OPINION whatsoever on specific licensing pools"  
Pools/standards have NOTHING to do with each other.

"I'm not a lawyer and she shouldn't rely on me for legal advice" 2005 - involved  
with standards organizations.

Discussion of what RAND means. proper licenses will be available though it's not  
guaranteed to be cheap. Can change more for fundamental IPR than another for  
B3 tweak. You are in control

Has not been in negotiations. "Buzo tweet has changed my entire"  
perspective/view on software engineers". laughter. Judge Robert.

Sullivan's thesis 618 - indexed etc not aware of any availability  
of thesis. Turned it in August/September. Gave out about 20 copies.  
friends. Oct 2002. 491.

Paper has references to publications X1V - Sullivan and R.L. Batear  
submitted to court for May 492, (would be publicly available later).

Sullivan looks slightly disturbed by questions about his  
Telinore doesn't have any tech covered by patents in standard; but Sullivan doesn't  
know if contributions were covered by others patents. Participants were supposed  
to make declarations.

only evaluated things for patents unless indication it wouldn't be there on RAND  
no indication of this. Didn't analyze any particular patents.

Some sections of standard are informative. Annex B.3. Sullivan doesn't recall  
handing copy of something about 4 inches thick.

March 200 B3 is indeed marked as informative ex 421.



Supplemental enhancement information. Decoder not necessarily required to use it formally speaking. Picture timing SEI messages. Has special status. In Annex C there's some remarks about that data and timing conformance to the standard. MT Lawyer - Picture timing in to not required. on Page 308. Picture timing SEI messages must be given to decoder but not necessarily in the bitstream (other means not specified).  
VUI - Video Usability Information. - color description. Syntax allows it to be present or not present.

Back to MS Counsel

22 Feb. Until time of formation of JDT. No interlaced encoding tools included. weren't particularly interested in interlaced as it was an old tech. Someone could deinterleave it or chop it up into fields, or all pictures as fields without anything in Std itself.

MPEG2 and 4 had interlaced. Summer 2001 submitted doc with criteria for interlaced video part, not surprising. They emphasize getting

could have used tools from MPEG2 - No sig difference in H264 and MPEG2

H264 page 567. PFAFF reduced bitrates over frame only coding, PFAFF/PFAFF not comparison with MPEG2 coding tools.

HBAFF 14-1690 better than PFAFF. Not a comparison between H264 and H264.

Why did you include interlaced support in D4, because it was in the Std.

VCE6 Angler - essentially was Tellme proposal in essence.

Recess. Young guy on MT bench seems to have found some patch-point system somewhere, but it's hard to hear what are quiet (a parabolic mic would be nice).

MT woman in green (with orange MT table) drinks FISI water. less of it's visible on MS table (one old guy has a bottle that might be it visible).

Recess

3/4/5 - email. - Not a lawyer but don't understand how different impression can persist. - Receive cont where MPEG2 and H264 is a waste were compared. Soft (magazine article?). Figure 7. H264 and MPEG2. part comparison: H264 is better (as stock). It's correct. Did he not test himself of interlaced coding tools, no.

Judge Robert → why do we have H264? replacing MPEG2.

Main reason compress better. Fewer bits/quality. Wh

what changes were made? Methods of chopping, precision of info increased. Filtering techniques, entropy coding more sophisticated.

Are you familiar with what patents have been declared essential?

How frame-field adaptive coding for interlaced video. In Sullivan's view were are quite similar. Not aware of any significant improvements.



Sullivan would not categorize this as fundamental, but didn't say Bozo weak.

How is his chairing Repton important? MS does video things, interoperability, knowing what the standard is.

Thinks streaming video was recognized as increasingly important.

Did MS seek to have any of its patents declared H264 patent essential?  
Yes, I think so.

So improvement in bit rate for progressive scan, would that have been there for interlaced without MBRTF. MBRTF in MPEG2 is very similar.

When talking to ITV do they ever indicate that they are not ready to license under RAND terms? There's a form, but we never had a submission that used that form.

Do you need a license to each patent to practice?  
Well different profiles?

What are profiles?

profiles are packages for different subset. Generally a decoder does entire profiles. You would get license to each patent for the profile

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Jennifer ~~was~~ next witness. (some of people leave to go get food/work).

Chs  
Marvell ~~was~~ employee. Subpoenaed. Director IP litigation, oversee patent litigation, licensing, indemnity. Has familiarity with Marvell's products. ~~for~~ years, then 97 - something as partner. MS in EE

Motorola and MS customers of Marvell. Sells wifi chip to MS for Xbox  
IEEE 802.11 that contain almost all functionality needed for wifi.  
\$3 \$1 per chip, and sells similar chips. Ranges from gaming systems  
PS3 to automobile. Audi <sup>Audi</sup> A8 will have one. Gaming consoles a few \$100 to \$80k for Audi.  
The chips are commodity products.

Several Marvell engineers are involved in standards. Marvell has a few 100 issued patents in 802.11 in US. Their patents relate to latest stds. Mand AC, patents very important to AC.

Personally involved in discussions -

608 - letter to Motorola drafted requesting they provide a RAND license. Signed by her subordinate & she drafted.

Day 2 608 MS made request to Marvell to get one relating to



Understood "committed to license on" FRAND terms.  
Ounintend to get a license that would protect MS (and told Motorola).

16 - email and draft license - Kowalster Nov 2011  
Did it include a license for Marvell's chip. would cover products that use  
our chips. Section on reproducing parties which are excluded specifically MS  
and Apple. Considered license discriminatory.

2.25% of net selling price. Assumed royalty price would change with  
net selling price \$4.50 for onsale = chip. \$22.50 for a \$1K laptop.

A8 \$100k → \$2250.

Marvell did not consider them <sup>comparably</sup> perfectly reasonable, and they don't know the NSP.  
Other people also have patents.  
Profit margin on chips is small. Patent stacking is a concern.

Has not heard of a chip maker paying % NSP.

Arm Holdings does 1% of chip price as benchmark. 1% of chip is high ceiling.

License much more from Arm than 802.11.

Do you think 2.25 average selling price of customer end product, on chip  
reasonable starting point for negotiation? No.

MIT counsel. Palo Alto. Accepted email service. Not sure she's compelled to  
serve. Negotiation can be very complex, time consuming.

Geographic, <sup>crossed something</sup> products covered, defensive suspension - was not agreed  
is typical.

testimony before ITC on 5/18 page 1937 lines 21-25 swore to tell truth  
10/79, line 3.

Says typically there is a defensive suspension in that testimony.  
Held't previously included them

1980 - license you had previously offered

Royalty rates

Cross licensing - affects royalty rate typically. "opening offer should be same order  
of magnitude".

Marvell made counterproposal through redline without a number. Neither Marvell's  
important ones and Motorola's would cancel out.

MIT never told Marvell they needed a license for 802.11, and had no intention of  
asserting 802.11 against Marvell and has a history of not requesting them  
against chip sets.

Marvell has never conceded to an obligation <sup>under contract</sup> to Scepter license from MS.  
but tried due to request.



1610 - not sure if original drafter. Letter Marvell to MS Leonard Smith.

at ITC "I believe I drafted this one". March 2011

Nov 30 2004 agreement has exclusions to indemnity. Basically says under Marvell needs to get MS a license, and MT seems to be retaliatory to MS's start of legal proceedings.

In essence saying we don't owe indemnity and it's MS's fault not ours.

1608 - another letter, drafted. Marvell has not requested a RAND license for Motorola. 7 years after Marvell started selling chips to MS.

July 2011 7 years after selling started.

They have on several occasions asked for indemnity.

Typically MS asks Marvell to pay attorney's fees.

MS doesn't say get us a license.

Nov 24 2010 - first request for RAND. Marvell writes 8 months later said MT letter.

16 - Didn't meet with MT Dan. MT said didn't want to meet during ITC trial.

3412 - Since 6 months have past please provide comments/counterproposal in advance.

3404 - Nov 7 2012 and Nov 6 2012. re licensing discussions. Marvell presented counterproposal June 26 2012 for royalty free basis. Cancel out. Asked for claim terms. Marvell hasn't provided terms yet & is not a high priority. 24 months since MS came to Marvell.

18 months has been waiting for something by MT.

8 months from MS's demand.

Dispute 18 month period b/c of Dec 12th.

"we're doing the best we can".

Didn't think it was vaguely RAND offer? Countered with a different offer (ie royalty free)

MS Don't think Marvell 802.11 and Motorola 2 patents are particularly valuable as old and not that recent. Why counteroffered with royalty free despite thinking MT should pay. Basically because views patents defunct.

Judge What other functions does Marvell chips do?  
Marvell chips

Do you need to license all or just some of them to practice 802.11.

Judge doesn't understand profiles as being only H264.

Who are Marvell's competitors.

Intel, Broadcom, Atheros, Mediatek, Realtek.

Patcing is quite close.

Doesn't know if they have licenses from MT.



Dr. Michael Orchard MS witness. (was giving a ten suit).

Arsen Canyars explaining that profiles only apply to H264 by agreement.

Recall Mr. Glasses slides explain the 2 main profiles  
Jumping between H264 and 802.11 to @CCO remote witnesses.

493 → has C.V. as an exhibit. Professor E.E. at Rice. He LaTeX  
his C.V. PhD Princeton and 2 MS. in E.E. Worked in DSP pre PhD,  
and since done consulting.  
Research mainly image video compression. IEEE fellow.  
Here for Sullivan's testimony.  
Followed VCEG work closely. Made proposals himself.

407 - Summary of conclusion. MT patents are a small sliver. Limited to interlaced.  
Marginal to H264. 2 other patents, one expired another about to expire.  
MT's patents are mostly irrelevant to MS.

265, 266, 268, 270-278, 280-83

MSPT 796, 798, 800, 813-818, 822-25, 827-831, 833, 840-42,  
846-848, 854-57, 868-870, 884, 890, 893, 895, 906  
924, 1411, 1669.

resume 1pm.  
Hard stop at 3pm.

Back from lunch.

Video compression - processing to shrink video. explanation of encoding/decoding.  
coding tools are particular ways of shrinking

409 - difference between progressive and interlaced. Progressive frame by frame. Interlaced  
is 2 images off in time

Progressive is never converted to interlaced (really? I mean really surely sometimes? Isn't it used  
for some broadcasts? I think he's flat out wrong on that).

Interlaced video is from Cathode ray tubes faster to show only some lines. Interlaced video  
not that common.

solution to a problem that no longer exists. Today's displays are progressive.

474 - H262 mpeg2. interlaced video is uncommon.

This argument here is that <sup>interlaced</sup> H264 is irrelevant as a whole.

407 is the chart.

VCEG met 14 times, SDT met 8 times.  
170 ish for number of companies with non admin structure  
2200 - proposals.

Day 2 9:013  
25 - Motorola 7-wavelet coding method  
15 - only interlaced

MS



MS submitted stuff. "Fundamentally changed" "not limited to interlaced".  
Stuff used all the time. The standardised transform is MS's.  
None of Motorola's

MPEG-LA ABC patent pool. Related to wide range of 1/264 patents. Assonant process  
to determine if a patent is essential.

590 - Feb 1, 2011 - Patents deemed essential by MPEG-LA sorted by section.  
1700 patents in list, 2500 in pool.

594 - List of all MPEG-LA patents.

Many of them disclose fundamental work done in the area.  
How would you categorize the patents in the pool.  
Broad, rich.

There are additional patents that are essential.

594f - Summary of US patents essential to H.264. 3000 list of numbers of patents  
by company. Motorola on there for context.

Patents declared to ITU by non MPEG-LA

Overall sig of patents of MT - restricted to non sig feature, and within that 20%  
minor, and misc on the whole.

Many of the core contribs were done by Telome w/ no patents.

It is limited to interlaced.

4018 - categorizes MT patents. APEP, ASC, motion prediction.  
→ 265, 266 → 268  
→ MBAFF and PICAFF → 280-282  
(reads in the list). 271-278

Acceptable alternatives to MT patents available at the time of the standard.

1550<sup>2</sup> → prior art des representing alternatives.

↳ objection. Not summary of patent opinion. Overruled as demonstrative.

4021 - PICAFF vs MBAFF. P is full picture vs individual lines. MBAFF is  
per macroblock choice.

4022 Single MB MBAFF and Paired MB MBAFF - make the choice for two  
together or not.

→ what alternatives were available MPEG-2, single MB encoding.

700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

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Does paired perform better? See notes showing it. MS filed patent on Paired MB, then  
encouraged its use.

DWZ  
10/15



#656 - admitted and may be published? (doesn't usually say that?).

In proposal didn't compare to MPEG 2 instead compared their paired MBAFF to PICT or NO AFF at all.

2227. - contribution Dec Oct 2002. reports on <sup>paired</sup> MBAFF vs PICT.

Going over what the patents claim. using paired MBAFF with stuff.

1479.

PICT part improvements - claims no benefit (you know faster encoding maybe?).

alternate scan paths. - don't apply to

653 scan paths. Sony vs '094 Patent, no direct comparison. Both did a bit better than zigzag. roughly equivalent Sony avg was better. Sony probably next best. MT compared to zigzag scan path.

710. Test of MT scan path.

I really want a mention of where i content comes from. For example the Wii.

653.

4024 - prediction "purported to invent". Predicts motion of 3 specific blocks for interlaced as opposed to progressive. Considers it trivial. Could have chosen another 3 blocks.

611 - H.263. May 1996. (May be published).

MT did not propose Eifrig Patent to SDT, but those 3 blocks were used.

270 - '419 patent - expired Oct last year. MT made no contribution to SDT. German patents found it to be infringed. Validity was not considered. Orange book interpreted broadly.

Means plus function analysis. More evidence of algorithm description. In 2/01 we wouldn't have done this. MS doesn't have the decoders.

1074, 676, 632 → lack of foundation. → starts to test Orchard to explain docs before ruling.

U62 - study from H.261 testing method that sends motion vectors at an ISO meeting. Claimed as prior art admitted despite lack of evidence on being public.

would not have degraded perf.

988 patent March 2013 - German patent infringed. Validity not examined. interpreted broadly.

677. Means plus function and no software suggestion. Unrelated to any software/alg.



now MS H.264 essential patents. 40, 36 submitted to MPEG.  
analyzed MS patents.

4026 big list of MS patent #s / exhibits. break down into different  
4028. categories. "Advanced Functionality" and core categories.

Importance of H.264 patents to MS products. Consider them to be very unimportant  
primary 360 uses. play games (H.264 not used for those games? Really? no use).

No interlaced video from Xbox

DVDs - not H.264.

Does not believe that MIT experts survey would have a clue if it was MPEG  
on H.264 or MPEG.

Windows 7. very unimportant.  
web based video Couldn't find interlaced video on sites.

5 examples

403 - Katy Perry video - pirated from British TV end since Pirated internet  
interlaced test videos.

Olympics - allegedly doesn't support interlaced

Nielsen - claimed not H.264 and not interlaced.

Youtube apparently makes people deinterlace.

592 - instructions to make people do progressive no interlacing.

Google owns Youtube and MIT and has not used interlaced.

Windows encoder doesn't interlace. WFP doesn't use interlaced.

interlaced easy enough to ignore

Robert. asked about there being 17 patents on slide not 16 or one got taken out  
earlier.

MS markets staff around the world - TV popular around the world. Interlaced because  
for decades. Now digital TV use H.264.

Satellite TV, cable TV companies. Or heard conflicts with "some"  
can include interlaced/support it. Such sources use it.



Kate Perry - broadcast BBC1 according to some document. Came from British TV.  
Included 0264 MBAIF.

DVRs

Microsoft + Media Center encourages recording of television.

2738 → bit of MS web page.

"all that for one page" - Robert flipping through binder.

↓ admitted.

Watch pause and record HDTV.

a function of windows media center is to record TV. Orchard's sliming proof of it. Didn't analyze media center. Didn't know they can send TV from media center to XBox.

XBox media center extender.

MS has partnered with various DTV providers to allow XBox to receive TV from internet

2161. - evidence for things like BskyB, Foxel, AT&T, netflix, hulu, canal + he was aware of Canal + and BskyB, and AT&T, but apparently not netflix.

↓ admitted. but he needs notes to remind him.

Some interlaced content on UVerse. Decoded by H264 decoder in XBox.

Camcorders, older put out interlaced content in H264. Consumers might want to watch it on their TV, other computers, upload it to internet and so forth. Might want to upload to youtube, but can put it in other ways.

592 1080i60 means interlaced, and the fact that there are rich in structures <sup>content.</sup>

Interlaced H264 stuff on BluRays.

Did not analyze any non MS or MIT patents for validity or their claims. Didn't check extent to which claims would improve interlace / examine scope. Didn't analyze claims by non MPEG LA members.

except for 586 didn't look thoroughly for invalidity.

Didn't do a thorough infringement analysis of the Motorola patents, weird answers to Q5.

page 158 of Deposition. as a whole not validity.

Didn't run any comparison tests to evaluate the differences.

Need to move to public use 17

STOP 3 minutes.

Next up criminal sentencing

Tomorrow Cam.	9-12,	1:30-4pm.
Thu	9-12	1:30-4
Fri	9-12,	1:30-4:30
Mon	9-12,	1-4:00
Tue	9-12,	1-4:00

MS - 2 hours : 25  
 MT - 2 : 20  
 against 15:30 each.

tomorrow Del Castro Gibson Simco Dr Lyne