



GEORGE JOSEPH

DYNAMIC.  
REVEALING.  
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**Vice President of Casino Operations**

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**June 30, 2023**

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**Phone:** \*\*\*\*\*

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**Hello \*\*\*\*\***

**Hope all is well.**

**I have been looking into several recent incidents of hidden camera and cellphone scams, particularly in Mini-Baccarat.**

**I wanted to update you on recent arrests regarding a cheating scheme which I have demonstrated to the staff in past classes. The scheme involves a dealer and one or more player confederates. The dealer is outfitted with a hidden buttonhole camera, similar to this;**



**Buttonhole cameras outfitted with either a DVR disguised as a cellphone or a transmitter**

**The camera is either attached to a Mini-DVR or a transmitter resembling a cellphone. Playing card sequences are recorded during or after the shuffle-up and the order transmitted off or carried off the game.**



## Recent Arrests

### Malaysian nabbed for alleged role in syndicate that made illegal recordings in MBS casino

JUN 8, 2023, 11:38 PM

**SINGAPORE** – A Malaysian man who was allegedly part of a syndicate that used a prohibited device to make illegal recordings in a Singapore casino was arrested in Malaysia on Thursday.

The Straits Times had reported in February that the members of the syndicate had **allegedly conspired to use a mobile phone to record cards being dealt** during a game of baccarat at the Marina Bay Sands casino.

The police also seized casino chips worth more than \$700,000

### Maxi scam at the Sanremo Casino - \$300,000 Euros

updated at 4:02pm June 13, 2023

The scam system set up had been possible thanks to the complicity of one of the "dealers" of the gambling house, that is an employee responsible for packing the packs of cards destined for the green tables.

The 58-year-old man had already been fired last November and is currently in prison. According to what emerged, the 58-year-old practiced slight abrasions on the back of the cards useful for obtaining the highest score and making the winnings.

### Syndicate member allegedly used phone to record cards dealt in Marina Bay Sands Casino

**SINGAPORE:** A foreigner belonging to a syndicate has been accused of conspiring to record cards that were dealt during gambling at Marina Bay Sands Casino.

Hung Jung-Hao, a 27-year-old Taiwanese citizen, is accused of engaging in a conspiracy with several others between 1.49am and 1.52am on Dec 23 at the casino in Bayfront Avenue.

He allegedly used his mobile phone to transmit the value and suit of the cards dealt in a game of 7 UP Baccarat to a chat group that was titled in Chinese: "15/12 Work in Singapore Chat Group (9)."

By means of a manipulated mobile phone, three Chinese are said to have dusted off a total of 323,000 euros at Casino Salzburg. The trio is in custody.

With a rather simple trick, two men (29, 47 years) and a woman (34) are said to have scammed 323,000 euros in the card game Macau Baccarat in the Salzburg casino. The trio is said to have used a manipulated cell phone camera that was hidden in the jacket sleeve, report the "Salzburger Nachrichten" (SN). During a search of the hotel rooms and the high-priced Mercedes with which the suspects had arrived, almost 60,000 euros in cash, modified mobile phones and numerous "member cards" of other casinos were seized. In addition, according to "SN", bank receipts with high transfer amounts are said to have been discovered in the car.

### \$1M Cheating Scheme: Maryland Casino Dealer to Spend 18 Months in Prison

On Sept. 27, 2017, a player who was allegedly tipped off by Zhang that he would be dealing that day was able to see an exposed portion of the baccarat deck, prosecutors said. The co-conspirator allegedly photographed the deck. Zhang then allegedly placed the once-exposed portion of cards, unshuffled, into the plastic box that keeps the cards in order until they are dealt to players. It is known as a "shoe." Zhang and his co-conspirators' actions led the venue to lose \$1,046,560, prosecutors claim.

### Police arrest 17 people for Casino Cheating Macau

The police arrested 17 people for casino cheating last week, TDM reported. The police said the ring used tiny cameras to take images on baccarat tables and cheated about HK\$90 million (\$11.6 million). They used the scheme at least 12 times. Several of the suspects worked as dealers in some of the city's casinos. The police say this ring may be linked to another one using the same scamming strategy, busted last month. A criminal organization that lures local casino workers into this kind of operation is suspected of being currently active in Macau, the police said.



-3- \*\*\*\*\*

## Men charged with casino cheating to go on trial

**New London** - Two New York men are going on trial on allegations they scammed Mohegan Sun out of hundreds of thousands of dollars in a scheme police say involved crooked game dealers and marked cards.

The trial of Queens residents Leonard Hu and Hung Leung is scheduled to begin today in New London Superior Court. They deny charges of felony casino cheating, conspiracy and larceny.

State police say Hu and Leung teamed with two dealers who marked the 7, 8 and 9 cards at mini-baccarat tables at Mohegan Sun in late 2010 and early 2011. The dealers, Norwich residents Jian Ng and Bong Louie, also were arrested and await trial. Troopers say Hu and Leung won more than \$500,000 from the casino from October 2010 to February 2011.

## Four Macau residents cheat VIP room out of HK\$24 million with 'tampered' cards



According to the media briefing, the pit manager allegedly stole playing cards from a VIP room where he worked and handed the cards to other suspects. It is thought the cards were then tampered with in such a way as to give the people involved in the fraud an unfair advantage were the cards to be used in a game.

## National News

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### Men charged with casino cheating to go on trial

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Updated 07/14/2013 11:47 PM

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- Associated Press

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The above news articles involve various hidden camera, cellphone and marked card schemes.

I was in on the weekend and took the following pictures of our Baccarat Tables...

-4- \*\*\*\*\*

**In regards to Marked Card Cheating attempts, we are well protected due to the use of the Harrigan Access Plate (Brush) on the Baccarat shoes.**



**In many of the above cases the relevant game protection issues for floor personnel and/or surveillance are as follows;**

- **The dealer riffles too high at a point(s) during the shuffle-up**

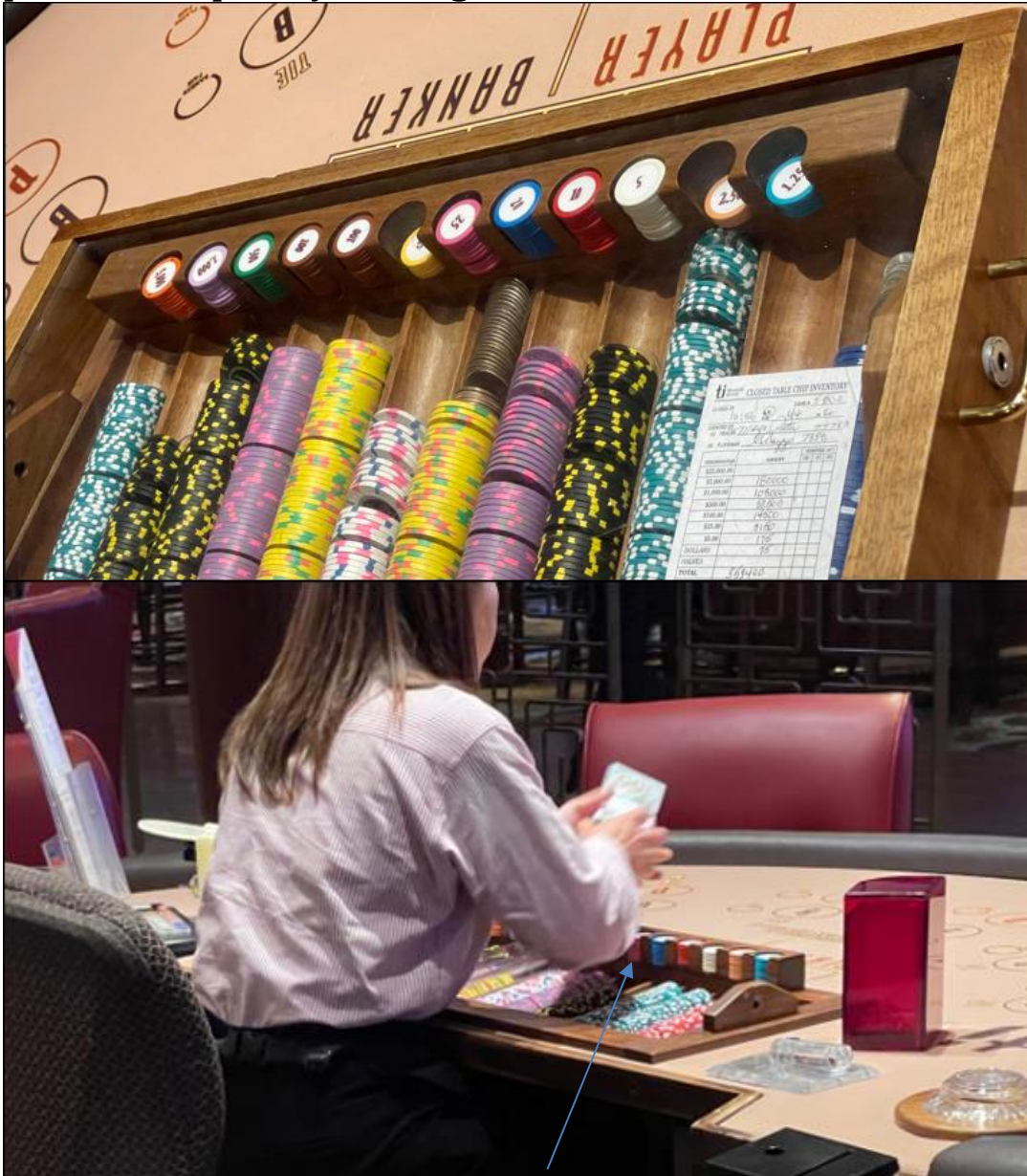


**The order of groups of cards on the left-hand portion are recorded in order and then "False Shuffled" and maintained in a clump...**



-5- \*\*\*\*\*

In regards to the above Rear High Riffle Shuffle scheme, I believe we are protected in part by the height of the lammer rack...



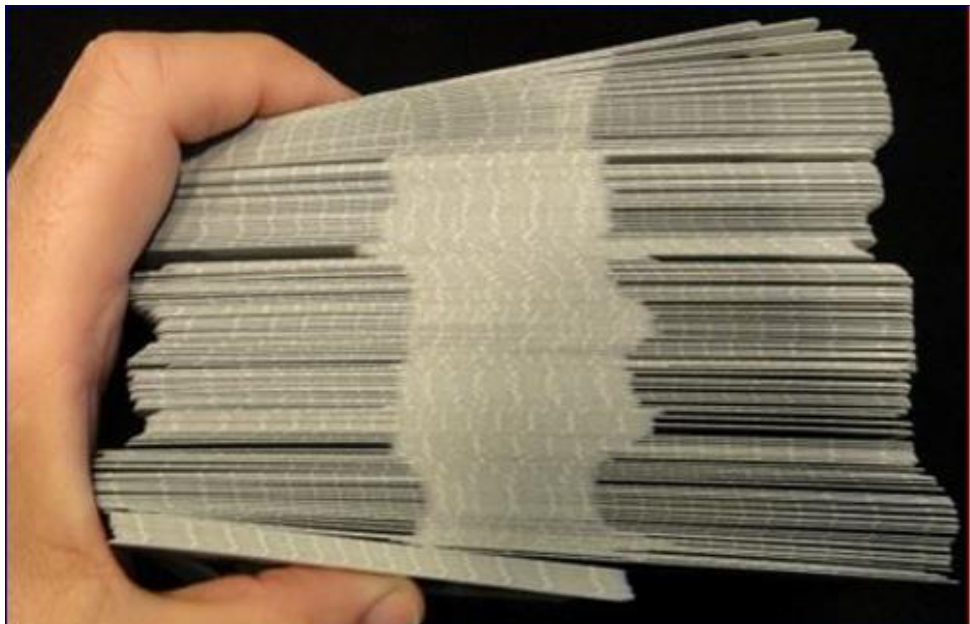
The height of the lammer rack would prevent recording the riffle shuffles from behind or from another table or angle and greatly hinders any body worn dealer camera.

-6- \*\*\*\*\*

**In regards to open riffle shuffles from the front...**



**We should be protected by the Staggered Riffle Shuffle Finish.**

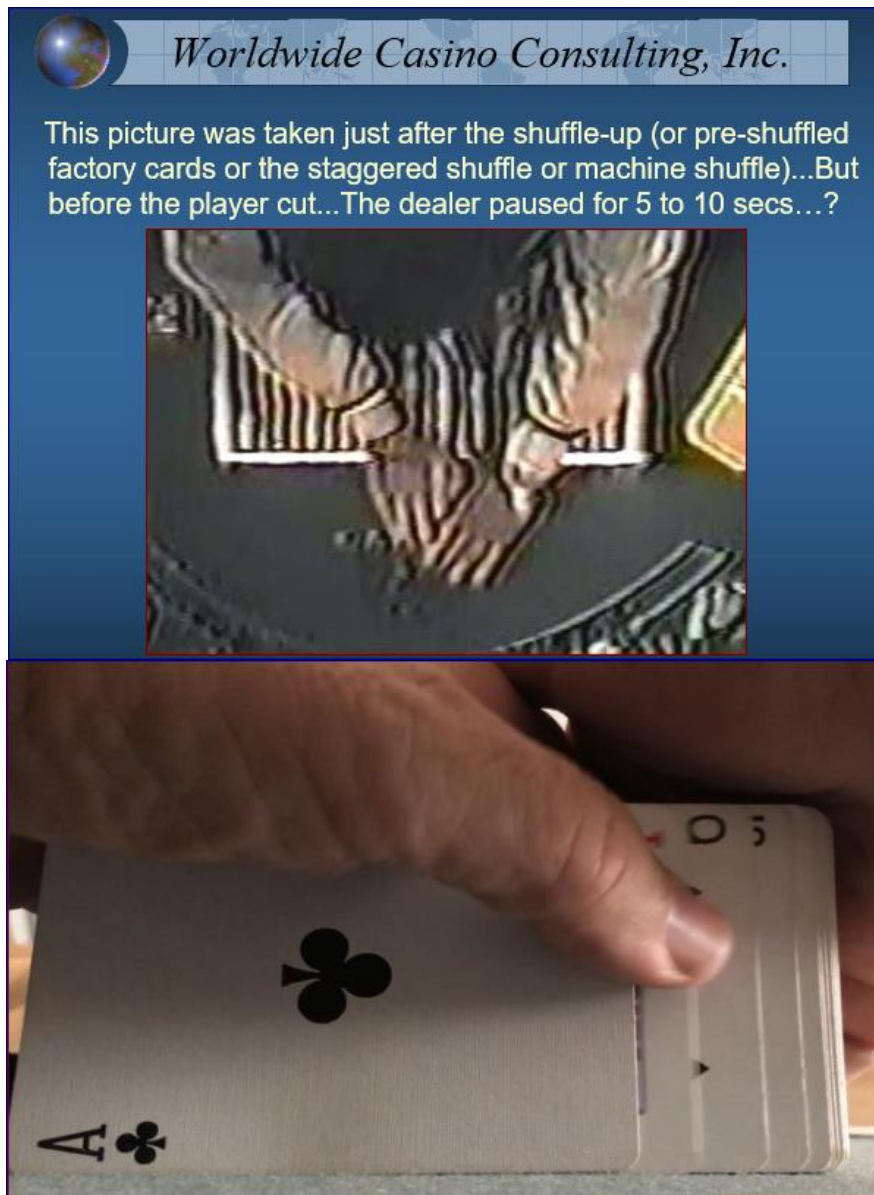


**(Notice the points at which a sequenced clump could occur.)  
Surveillance can easily examine the Staggered Shuffle completion.  
Floor should be reminded to ask for a review on suspect play.**



-7- \*\*\*\*\*

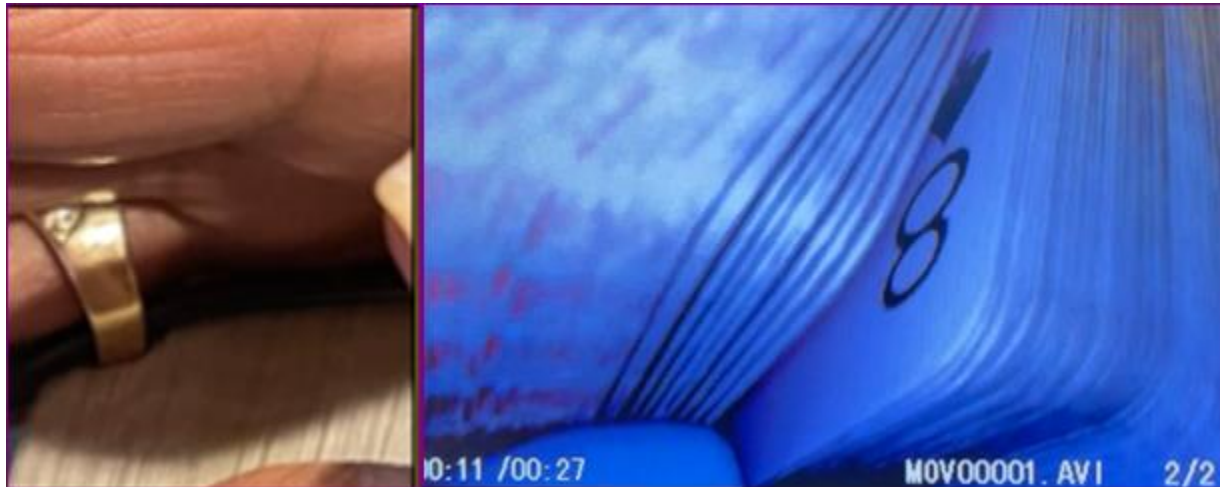
- We also discussed the dealer resting both hands on the cards just after a manual shuffle-up and/or before offering the player cut from a machine.



**In fact the dealer is using his left thumb to riffle through the playing cards and record a sequence in the upcoming shoe.**

-8- \*\*\*\*\*

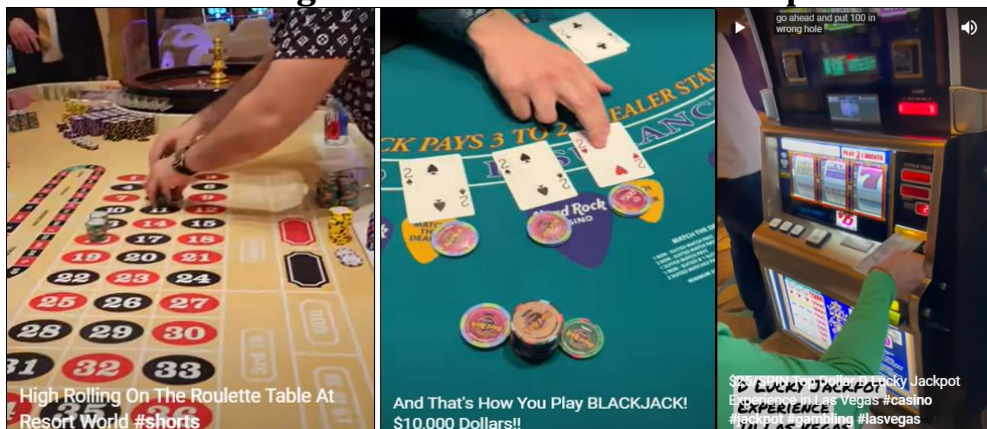
Below is a recent update to the dealer body worn camera. A specially designed finger ring with a beveled band engages the side of the playing cards and is used to riffle the playing cards. The dealer is outfitted with a hidden sleeve camera.



Again, Floor should be reminded to ask for a review on suspect play.

We should stress that floor personnel pay close attention to the entire shuffle-up, player cut and load and rely on surveillance for a review of those processes when suspect play is encountered.

I also spoke with \*\*\* & \*\*\*\*\* about reports that MGM and many casinos are allowing cell phone Tik Tok videos during play. I was pleased to hear that we discourage or disallow the use of cell phones.





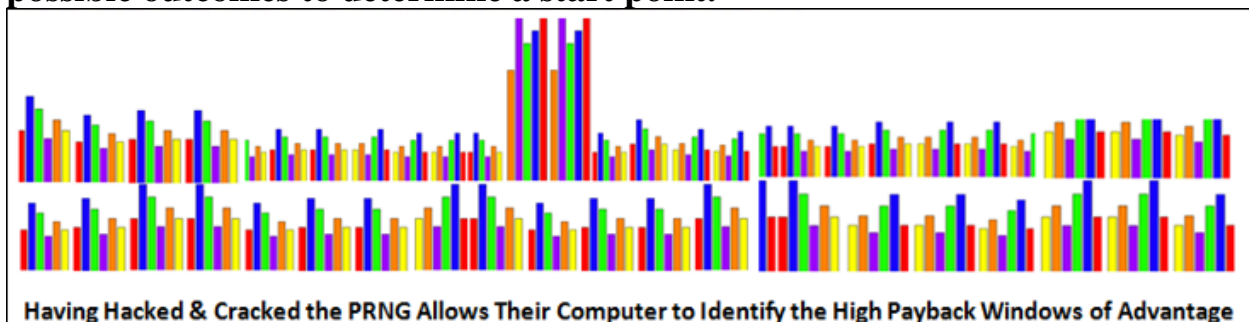
**-9- \*\*\*\*\***

**Below are a few of the casino cheating methods and advantage play attempts which employ cell phones (or devices disguised as a cell phone)**

# RUSSIAN SLOT MACHINE HACK



**Using a cell phone hidden on their body...(Sometimes in a pocket which covers the phone in mesh to reduce light)...15 to 20 spin outcomes are recorded. The slot outcomes are sent via cell phone to a mega computer in Saint Petersburg Russia. The recorded outcomes are cycled through all possible outcomes to determine a start point.**



**Keep in mind, the mega-computer is seeing all outcomes in a timeline at extremely high speed. At one quarter second (0.25) before a Window of Advantage is encountered, a signal is sent to a cell phone app...which vibrates on the team member's thigh...This is the Timing Marker or "Strike Point".**

-10- \*\*\*\*\*

### There are several Baccarat & Card Count Cell Phone Apps



### Hidden Camera Cheating Devices Disguised as a Cell Phone

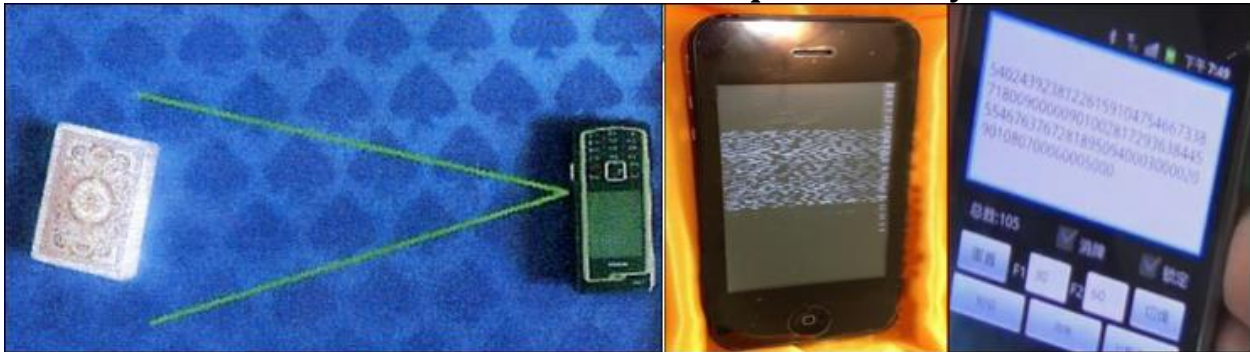


Buttonhole cameras outfitted with either a DVR disguised as a cellphone or a transmitter



-11- \*\*\*\*\*

### Cell Phone Marked Card & Poker Sequence Analyzers



**Infrared Daubs (Invisible to the naked eye) which typically had to be transmitted off and on the game via a body worn IR Camera Rig.**



IR Daub – Applied During Play

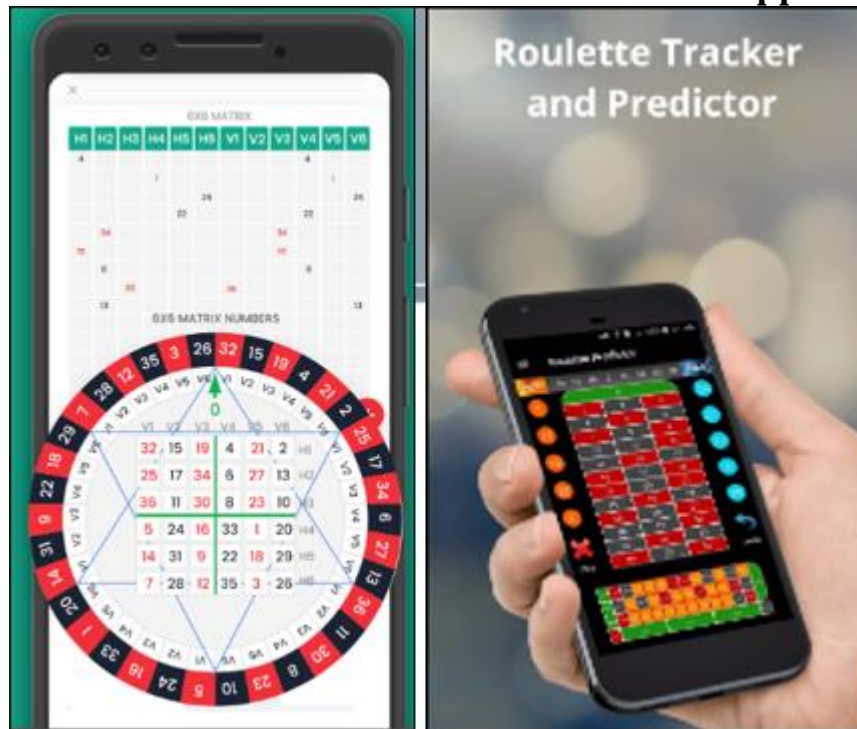
**Now shows up on a “Tricked Out” cell phone camera on the game**

-12- \*\*\*\*\*

### Cell Phone Hole Card Peek Device



### Cell Phone Roulette Tracker & Predictor Apps





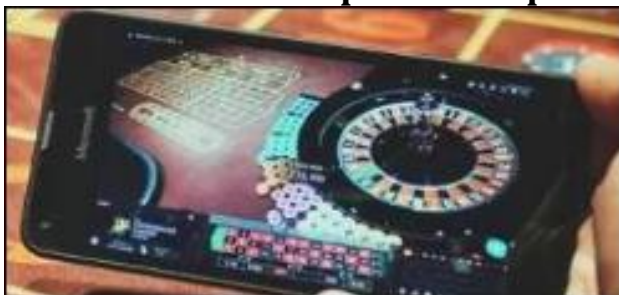
-13- \*\*\*\*\*

### Roulette Wheel Section Tracker

#### *Roulette Tracker Cell Phone*



**Independent Brackets lock onto and track the spin of the Roulette Ball and the rotation of the wheelhead. A mini-microprocessor determines the most logical fall off point for the roulette ball and what section will be underneath it at point of impact.**



-14- \*\*\*\*\*

Below is a relatively new Whole Number Baccarat Count Cell Phone App



(Based upon the work of Michael Shackleford "Wizard of Odds" the cell phone app determines which side, Player or Banker has the least disadvantage at any given point in the Baccarat Shoe.)

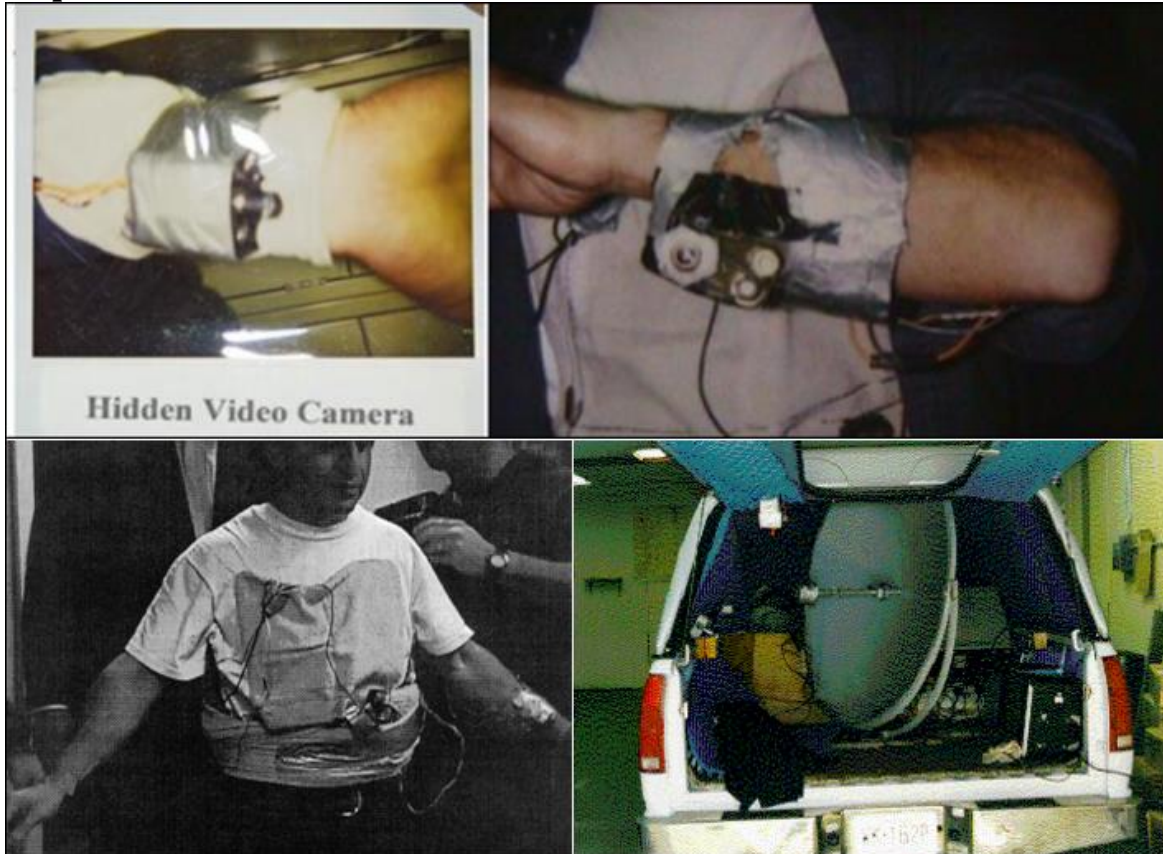


Dozens of new Blackjack Card Count & Strategy Apps are available



-15- \*\*\*\*\*

**In past classes I have demonstrated several hidden camera scams.**



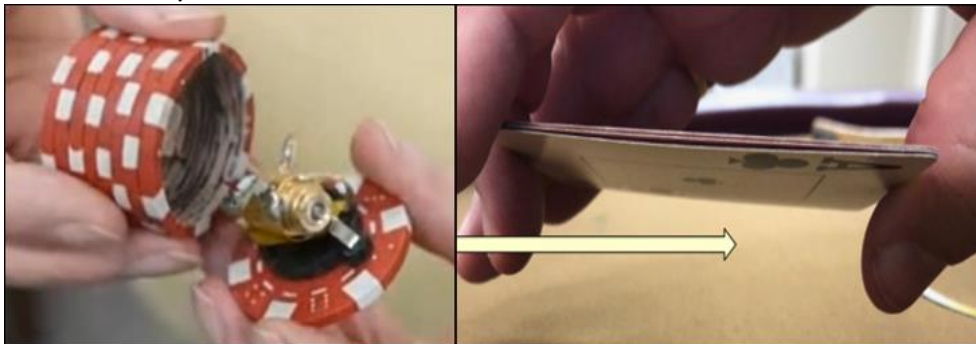
**Smaller electronics have made hidden cameras much easier to conceal**



-16- \*\*\*\*\*



**Smaller components do not have the same robust transmitters as a microwave dish, and are limited in distance of effective transmission.**



**However, if the camera is “Bluetooth” equipped and synced to a cell phone, the camera images have a virtually unlimited range to transmit.**



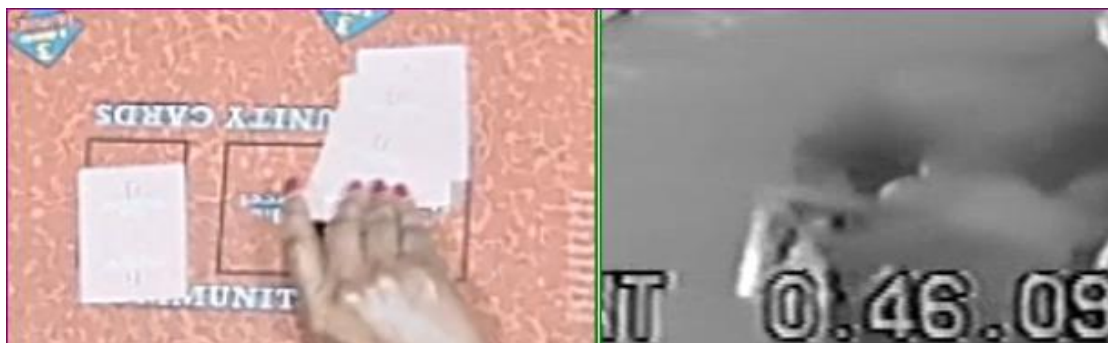
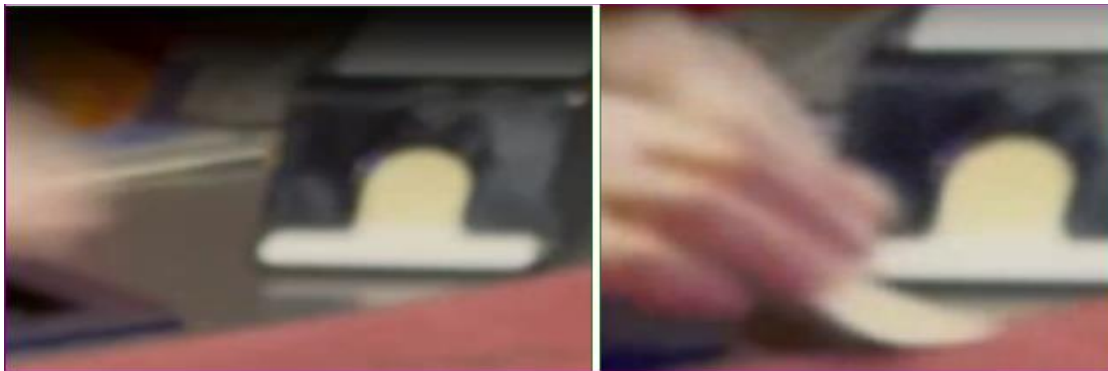
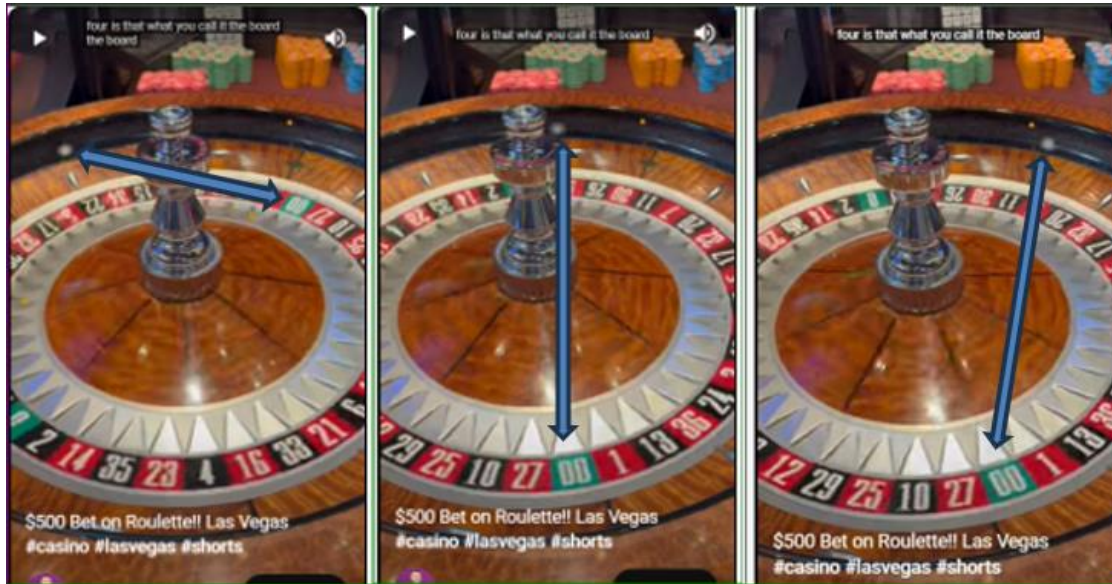




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-17- \*\*\*\*\*



-18- \*\*\*\*\*

**Scams which use to require body worn equipment are now being accomplished with cell phones or devices disguised as cell phones**



**Hole Carding & Bottom Steering if done by eye is Advantage Play... If accomplished with a cell phone or device it is cheating**



-19- \*\*\*\*\*



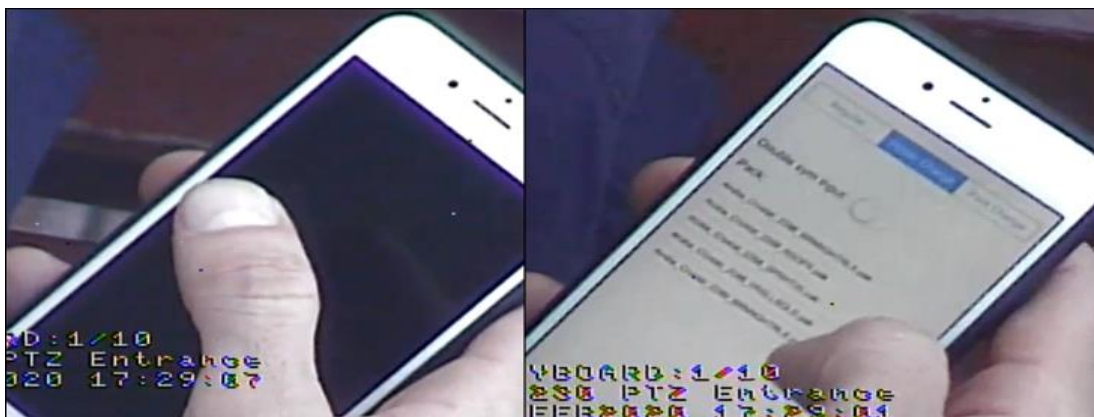
**CV-Python card recognition technology can identify card values and calculate any card count system no matter how complex for any card game (BJ or Baccarat) or side bet wagers.**

-20- \*\*\*\*\*

Security devices which assist in detecting hidden cameras or transmitters become ineffective as there may not be hidden devices, just cell phones, or what is identified as a camera or cell phone.



As a simple example, the Russian Slot Hack could not have been accomplished and concealed as effectively with the use of hidden cameras and body worn transmitters. A cell phone however, allowed information to be transmitted easily at great distances. I might be arrested for a concealed hidden camera but not a cell phone.





-21- \*\*\*\*\*

A controversy arose in the poker world when a player was accused of high-tech cheating...constantly looking at his cell phone during play.

**xCYNAPS**  
Bluetooth Headset  
in a Hat!

Bone conduction transducers  
transmit sound directly to the  
inner ear through vibration

Super light design  
for maximum  
comfort

Crystal clear  
microphone  
inside the bill

Sweat-Free polyester  
specially designed to  
wick away sweat

**Complete preflop  
ranges for Cash and MTT**

Poker Solving Cell Phone Apps are also a concern in the poker world.

**If a customer was caught in your casino wearing this "Rig"..**



***"You'd Take Em Out Back & Beat The Crap Out of Em..."***

***"How many customers would you Beat Up over a cell phone...?"***



-22- \*\*\*\*\*

**BTW: There are several other casino scams & schemes which have utilize cell phones (or devices disguised as cell phones) as a key element.**

**Let's put this issue to rest, and make the broad general assumption that the vast majority of customers using cell phones in casinos are innocent tourists. However consider the unintended implications if the average customer is taking video of high rollers without their consent.**

**What the use of cell phones in casinos has really done is to allow cheaters to "*Hide In Plain Sight*". With so many cell phones in use, a "Bad Guy" could simply "*Snuggle Up*" next to legitimate players. Far more difficult for surveillance and floor personnel to recognize and/or investigate.**

**Contact me if you have questions...Talk with you soon.**

**Respectfully Submitted,**

**George D. Joseph  
Worldwide Casino Consulting, Inc.**

**GJ/ccj**