



U.S. Department of Justice

Federal Bureau of Investigation

Washington, D. C. 20535-0001

November 13, 2009

Honorable Spencer Bachus
Ranking Member
Committee on Financial Services
House of Representatives
Washington, DC 20515

Dear Congressman Bachus::

I am writing in response to your letter to Director Robert S. Mueller, dated October 19, 2009, concerning your questions relating to Internet gambling. I will address these as you mentioned them in your initial correspondence:

- Does technology exist that could facilitate undetectable manipulation of an online poker game?

Yes, the technology exists to manipulate online poker games in that it would only take two or three players working in unison to defeat the other players who are not part of the team. Technically, the online poker vendors could detect this activity and put in place safeguards to discourage cheating, although it is unclear what the incentive would be for the vendor. It really comes down to a cost analysis for the vendor. How much money will I make or lose by detecting cheating and implementing the safeguards?

- Could technology be used to illicitly transfer or launder money in the guise of "innocent" participation in an online poker game, or the undetectable theft of money from one participant in such a game, by others acting in concert? If yes, to what degree?

Yes, online poker could be used to transfer ill gotten gains from one person to another, or several other people. Private tournaments exist on several online poker programs which would allow a subject to create a private game with his/her money mules. Once the game is created, the subject could raise the pot, to whatever maximum amount is allowed, and then fold before the hand is finished. This would allow the subject to transfer the money from his account to the mule account. This activity could repeat itself several times, virtually "washing the money." Once again, this activity could be detected by the vendors, but at what cost? Also, there are several ways to cheat at online poker, none of which are illegal. Teams of players could work in

unison, revealing to each other what cards they have in their hands. Based on the known cards, the team could use this knowledge to raise the pot. The players who are not part of the team would be at a distinct disadvantage because they do not have the knowledge of what cards are already in play. Several bots, software programs, have been created to play online poker. These bots are programmed to take in all the information about a given hand and use that information to formulate the chances of the bot having the winning hand. Most online poker sites have a specific section of their user agreement that bans bots from their poker rooms. Bots have a distinct advantage over real players in that they can use the processing power of the computer to determine the chances of winning.

- Does the Federal government have the ability in terms of qualified personnel and financial resources to regulate Internet poker if it is legalized?

FBI investigative resources are focused on our highest priorities, that being Counterterrorism, Counterintelligence, and Cyber threats to critical infrastructures.

- Do you believe the claims of vendors who say they have technology solutions that would validate the age of a potential player in an online poker game, or the physical location, beyond a shadow of doubt?

While the vendors may claim that they can validate age and location, they are more than likely relying on credit card information and geolocation to gather this information. Both can be spoofed. For age verification, the possession of a credit card is usually the only validation these sites require. Credit card numbers are easily compromised and can be bought by the hundreds on several "underground" websites. Therefore, the simple act of owning a credit card number does nothing to validate someone's age. For location verification, the vendors are more than likely going to rely on geolocation. While geolocation can be accurate when used to determine the physical country of residence, it becomes exponentially less accurate when determining the city or zip code. Additionally, the use of Internet Protocol (IP) address based information for geolocation allows for the manipulation of geolocation information. By changing the IP address information, someone can make it appear that their residence is in a different location.

- Has U.S. law enforcement discussed potential vulnerabilities of online poker with foreign counterparts? If so, what views have been expressed?

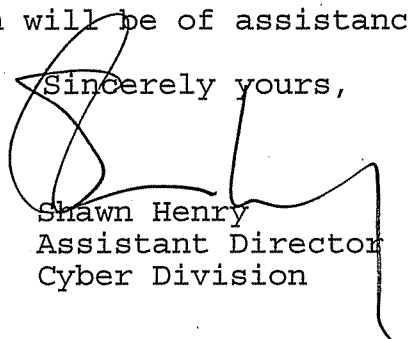
The FBI has not engaged in this discussion with our foreign partners.

- Please detail any known or alleged incidents of online cheating, particularly efforts by online casinos themselves, to manipulate the outcome of games using technology such as "pokerbots", for example.

While casino software could very easily be employed to manipulate games, the FBI has no data in this area.

I hope this information will be of assistance to you.

Sincerely yours,



Shawn Henry
Assistant Director
Cyber Division