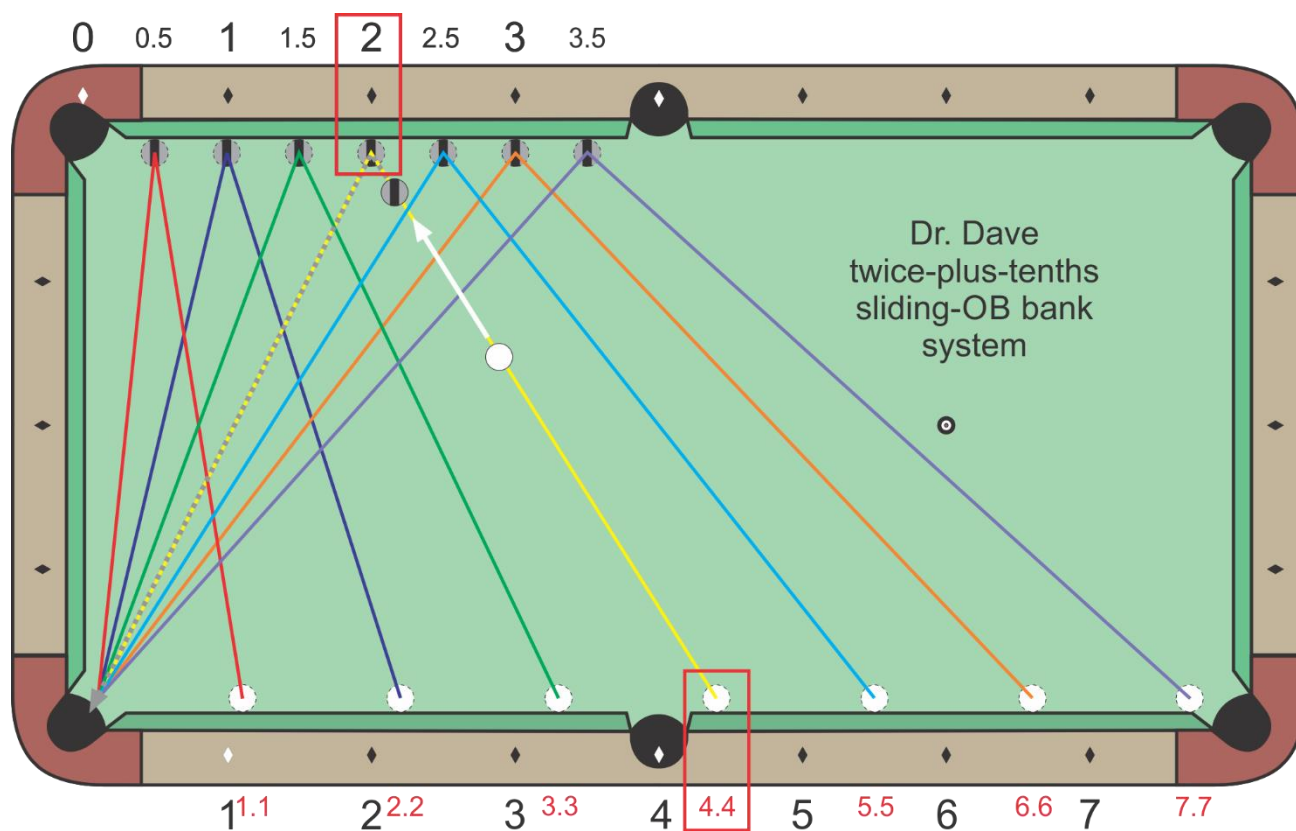


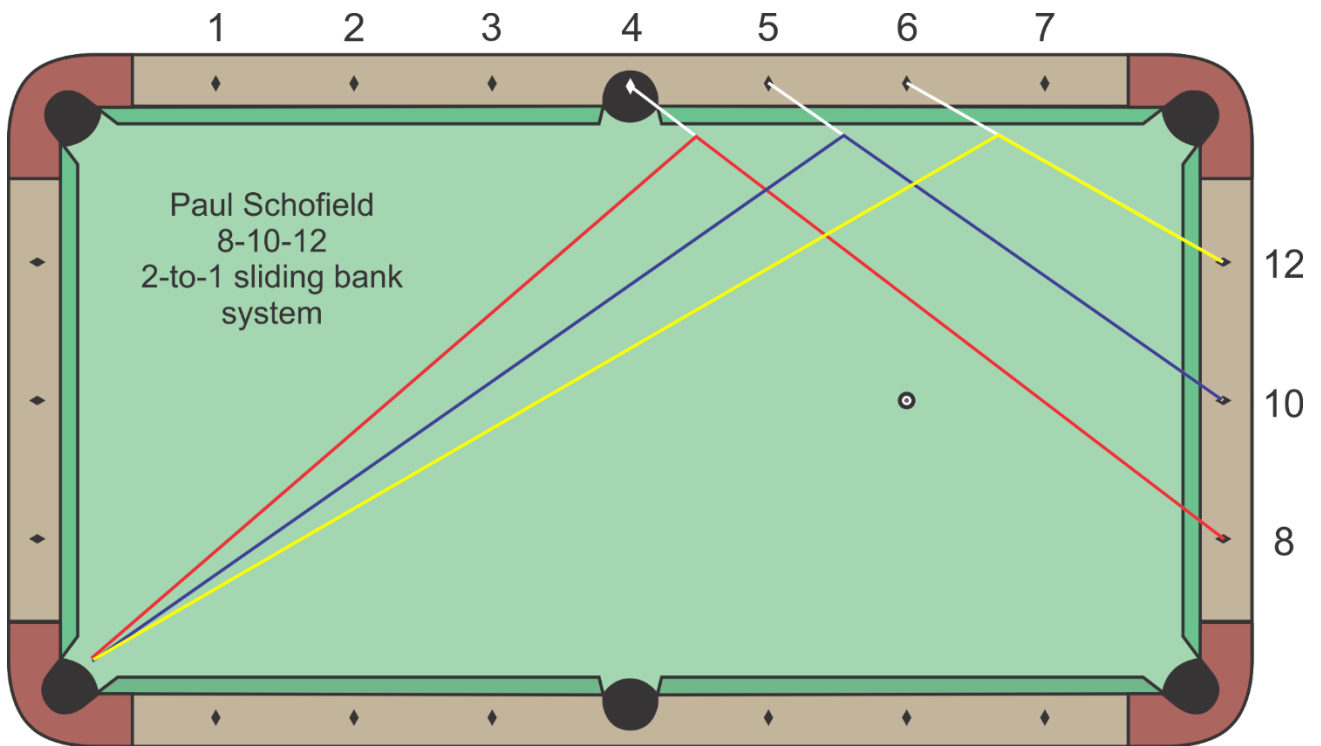
Supporting narrated video (NV) demonstrations, high-speed video (HSV) clips, technical proofs (TP), and all past articles are available online at [billiards.colostate.edu](http://billiards.colostate.edu). Reference numbers used in the articles help you locate the resources on the website.

Last month, I presented the new twice-plus-tenths sliding-ball bank-shot aiming system (see **Diagram 1** and online video [NV L.32](#)), which is very accurate over a wide range of banking angles, much larger than with most diamond systems. However, even the twice-plus-tenths system breaks down at angles above the 7.7-to-3.5 line in Diagram 1. In this article, I present two additional systems useful for aiming large angle, sliding banks into corner or side pockets. Remember, with sliding banks, if the object ball (OB) is not close to the rail, fast speed is required to ensure sliding. However, when the OB is close to the cushion, almost any speed can be used.



**Diagram 1** Twice-Plus-Tenths system

**Diagram 2** shows a good system developed by Paul Schofield for aiming long, sliding banks from up table. If you label the diamonds on the short rail 8, 10, and 12, the system uses a simple 2-to-1 through-diamond aim. Shooting from 8 to 4, or 10 to 5, or 12 to 6, or any 2-to-1 track in between banks to the far corner. As shown in **Image 1** from video [NV L.31](#), I set up diamond-number balls on the rails so you can easily see the system being applied at the table. In the video, I pocketed banks along each of the system lines; but be aware that with long banks like this, if your aim is off even a hair, or if you put even a touch of sidespin on the cue ball (CB) by mistake, you can easily miss.



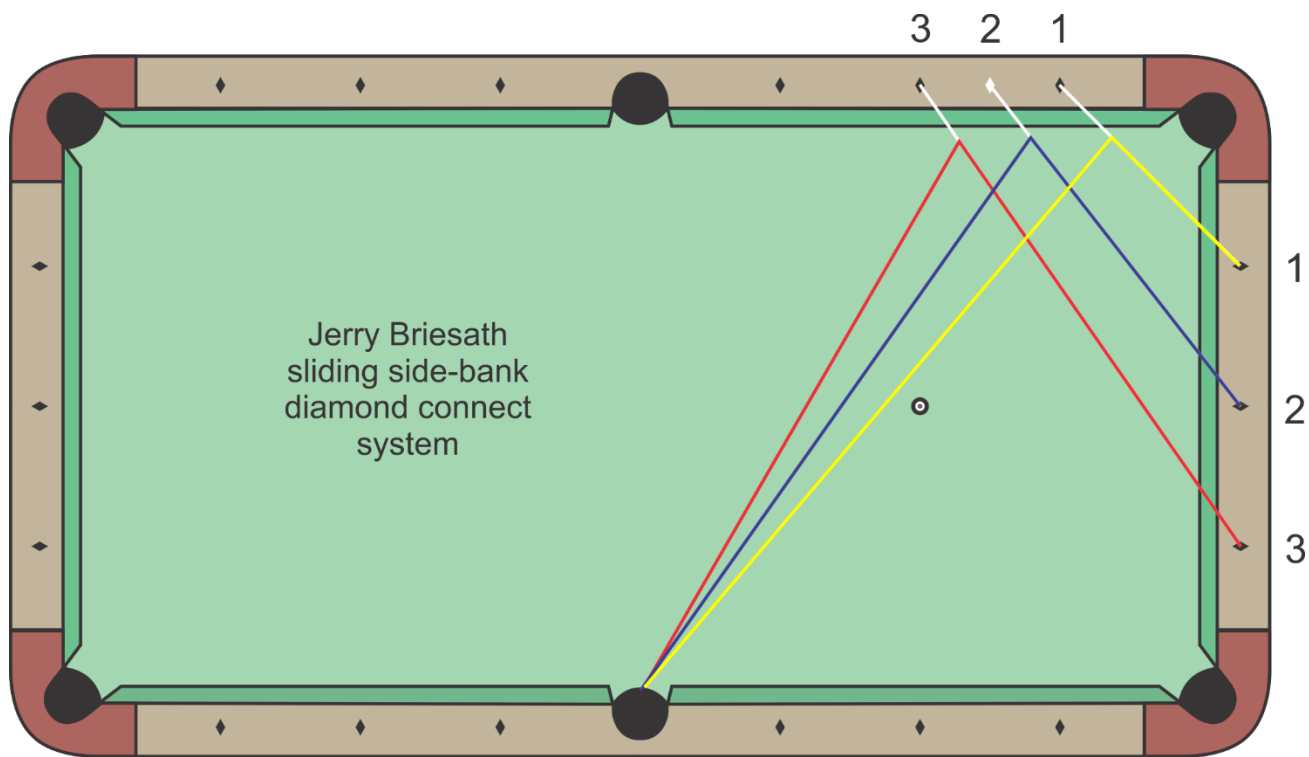
**Diagram 2 Schofield 8-10-12 system**

As demonstrated in the video, the system also works for any lines between and even slightly outside the reference lines. For example, in **Image 1**, I am aiming the 11 right between five and six at five and a half, and my cue is crossing the rail right between ten and twelve at eleven. Since eleven is twice five and a half, the bank goes as expected.



**Image 1 Schofield system tweener**

Jerry Briesath came up with a simple system for banking sliding balls at large angles into side pockets. As shown in **Diagram 3**, it connects whole diamonds on the short rail to half diamonds starting a 1 on the long rail. All three banking lines, and anything in between, go to the side. Again, as shown in Image 2 from video [NV L.31](#), I've placed numbered balls on the rails so you can easily see the lines at the table. As demonstrated in the video, the 1-to-1 line goes a little long. Instead, you need to aim from a hair more than 1 on the short rail to a hair less than 1 on the long rail. The 2-to-2 and 3-to-3 lines play true. **Image 2** shows an example shot, aiming between the reference lines. In this case, I am aiming right in between two and three at two and a half on both rails. As the system predicts, the shot goes.



**Diagram 3** Briesath diamond-connect system



**Image 2** Briesath system tweener

My twice-plus-tenths system is demonstrated in online video [NV L.32](#), and the Schofield and Briesath systems are demonstrated in online video [NV L.31](#). I hope these sliding-ball diamond systems help you bank balls more effectively. They sure have helped my banking accuracy over a wide range of angles. Just be aware that, as with all kicking and banking systems, slight adjustments might be required on different tables under different conditions, especially Diamond-brand tables, which bank short under typical conditions.

Good luck with your game,  
Dr. Dave



[NV L.30](#) – SLIDING BANK SHOT DIAMOND SYSTEMS ... How to Aim Banks at Fast-Speed or Close-to-the-Cushion

[NV L.31](#) – DIAMOND SYSTEMS for Aiming LARGE-ANGLE Sliding Bank Shots into Corner and Side Pockets

[NV L.32](#) – TWICE-PLUS-TENTH ... The Most Useful Bank Shot Diamond System You'll Ever Learn

PS:

- I know other authors and I tend to use lots of terminology, and I know not all readers are totally familiar with these terms. If you ever come across a word or phrase you do not fully understand, please refer to the [online glossary](#) at [billiards.colostate.edu](http://billiards.colostate.edu).

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