

## Exhibit C

### FD1S3 Hand Analysis Based on Wold Convention Card Markings

Wladow (North) and Elinescu (South) only cough at the beginning of the auction when they have a singleton or a void. The pair does not cough with balanced or semi-balanced hands unless when on opening lead. The following FD1S3 hand analysis is based on the Wold Convention Card markings (Exhibit A) and the excel shape/lead analysis (Exhibit B).

#### The Auction Cough Code for FD1S3

No coughs = balanced/semi-balanced hands

- 1 Cough = Club Shortness
- 2 Coughs = Diamond Shortness
- 3 Coughs = Heart Shortness
- 4 Coughs = Spade Shortness

#### The Opening Lead Cough Code

- 1 Cough = Club Lead
- 2 Coughs = Diamond Lead
- 3 Coughs = Heart Lead
- 4 Coughs = Spade Lead

**FD1S3 Bd. #1**


### Board 1. Dealer North. None Vulnerable.

	♠ K Q		
	♥ A K J 7		
	♦ J 4 2		
	♣ Q 8 6 5		
♠ A T 9 8 6 3	<div style="background-color: black; color: white; padding: 10px; display: inline-block;">             N W     E S           </div>	♠ J 7 5 2	
♥ Q 8		♥ T 9 6 5 3 2	
♦ Q 7		♦ 9 6	
♣ J 4 2		♣ T	
	♠ 4		
	♥ 4		
	♦ A K T 8 5 3		
	♣ A K 9 7 3		

Wladow (S) coughs 5 times at the beginning of the auction. This does not follow the code exactly. Perhaps indicating spade shortness and some other shortness?

FD1S3 Bd. #2

**Board 2. Dealer East. N-S Vulnerable.**


	♠ J 7 6 5 2		
	♥ J 9 8 4		
	♦ 3		
	♣ Q J 2		
♠ 9 8 3		♠ T	
♥ K 5		♥ A 7 3 2	
♦ J 6 5		♦ Q T 9 8 4 2	
♣ A 6 5 4 3		♣ 9 8	
	♠ A K Q 4		
	♥ Q T 6		
	♦ A K 7		
	♣ K T 7		

East	South	West	North
<b>Wold</b>	<b>Wladow</b>	<b>Passell</b>	<b>Elinescu</b>
Pass	2NT	Pass	3♣
Pass	4♠	All Pass	

At the beginning of the auction, Elinescu (N) coughed 2 times indicating a diamond singleton or void. At the end of the auction, Eddie Wold (E) questioned Wladow about his 4♠ bid. His response was oh, I thought I had responded 3♣ and my partner had passed me out. A bit of an usual response since Wladow had written 4♠ in his convention card.

FD1S3 Bd. #3

**Board 3. Dealer South. E-W Vulnerable.**

	♠ A Q		
	♥ Q 6 5 2		
	♦ T 9 6 4		
	♣ A T 8		
♠ T 7 6 5 3		♠ K J 4 2	
♥ 9 8 4		♥ T 3	
♦ A		♦ 5 3 2	
♣ 7 6 5 4		♣ K Q 3 2	
	♠ 9 8		
	♥ A K J 7		
	♦ K Q J 8 7		
	♣ J 9		

No coughs by either player indicating balanced and/or semi balanced hands. The North/South pair was the declaring side so there were no coughs for the opening lead.

FD1S3 Bd. #5

**Board 5. Dealer North. N-S Vulnerable.**

		♠ J T 6 4		
		♥ T 6 5 3		
		♦ Q J 9 6 4		
		♣ -		
♠ K 2 ♥ A K 7 2 ♦ K ♣ A K 7 4 3 2	<div style="background-color: black; color: white; padding: 5px; width: 40px; height: 40px; margin: 0 auto; display: flex; flex-direction: column; align-items: center; justify-content: center;"> <span style="margin-bottom: 5px;">N</span> <span style="margin-bottom: 5px;">W</span> <span style="margin-bottom: 5px;">E</span> <span style="margin-bottom: 5px;">S</span> </div>	♠ A Q 9 8 ♥ Q J 9 8 4 ♦ A 7 ♣ J 9		
		♠ 7 5 3		
		♥ -		
		♦ T 8 5 3 2		
		♣ Q T 8 6 5		

The auction is not on the BBO lin file but it went similarly to the auction in the Open room where West was in 7♥ and Elinescu (N) coughed one time indicating a club lead. Then West converted to 7NT and Elinescu (N) coughed two times indicating a diamond lead. A diamond was ultimately led by Wladow (S). Ironically, the BBO viewgraph commentator said, "Too bad we will never know which suit S would have led." Based on the coughing code, however, Wladow (S) would have gotten it right!

FD1S3 Bd. #6


**Board 6. Dealer East. E-W Vulnerable.**

		♠ T 5 4		
		♥ A 5 2		
		♦ K 8 7		
		♣ J 8 6 3		
♠ 9 7 2 ♥ Q J T 9 ♦ Q T 5 3 ♣ 7 2	<div style="background-color: black; color: white; padding: 5px; width: 40px; height: 40px; margin: 0 auto; display: flex; flex-direction: column; align-items: center; justify-content: center;"> <span style="margin-bottom: 5px;">N</span> <span style="margin-bottom: 5px;">W</span> <span style="margin-bottom: 5px;">E</span> <span style="margin-bottom: 5px;">S</span> </div>	♠ A K J 8 3 ♥ 8 6 4 3 ♦ J ♣ T 9 5		
		♠ Q 6		
		♥ K 7		
		♦ A 9 6 4 2		
		♣ A K Q 4		

No coughs were indicated on this board. North and South were balanced/semi-balanced were the declaring side as well.

FD1S3 Bd. #7


**Board 7. Dealer South. All Vulnerable.**

	♠ A K J 7 6 ♥ 8 4 ♦ A 5 3 ♣ A 8 2	
♠ Q T 8 3 ♥ A K 9 6 3 ♦ J 9 ♣ Q 5		♠ 9 2 ♥ J 7 5 2 ♦ K 8 7 2 ♣ 7 6 3
	♠ 5 4 ♥ Q T ♦ Q T 6 4 ♣ K J T 9 4	

No coughs were indicated on this board. North and South were balanced/semi-balanced were the declaring side as well.

FD1S3 Bd. #8

**Board 8. Dealer West. None Vulnerable.**

	♠ A Q J 9 7 5 ♥ 8 6 5 ♦ 9 ♣ K 9 2	
♠ T 8 4 ♥ A Q 9 ♦ T 5 ♣ J 8 7 6 3		♠ K 6 2 ♥ J 7 2 ♦ K Q 4 2 ♣ A T 5
	♠ 3 ♥ K T 4 3 ♦ A J 8 7 6 3 ♣ Q 4	

At the beginning of the auction, Elinescu (N) coughed two times indicating diamond shortness while Wladow coughed four times indicating spade shortness.

FD1S3 Bd. #9

**Board 9. Dealer North. E-W Vulnerable.**

	♠ K 8 6 4 2	
	♥ Q 4	
	♦ 7 6	
	♣ Q 8 7 2	
♠ Q J 5	<div style="background-color: black; color: white; padding: 5px; display: inline-block;">             N W     E S           </div>	♠ T 9 7
♥ K J 9 8 7 5		♥ A T
♦ K 9		♦ A Q 8 4
♣ 6 5		♣ J T 4 3
	♠ A 3	
	♥ 6 3 2	
	♦ J T 5 3 2	
	♣ A K 9	

Bd. #9 is an example of coughing for an opening lead. West was declarer in 2♥ and Wladow coughed one time at the end of the auction to indicate a club lead. The ♣7 was led.

FD1S3 Bd. #10


**Board 10. Dealer East. All Vulnerable.**

	♠ Q 9 4 2	
	♥ K 9 4 3	
	♦ T 8 2	
	♣ A 6	
♠ 8 6 5	<div style="background-color: black; color: white; padding: 5px; display: inline-block;">             N W     E S           </div>	♠ K T
♥ J T 8 2		♥ A Q 6
♦ K Q J 5		♦ 7 4
♣ Q 9		♣ K J 7 5 3 2
	♠ A J 7 3	
	♥ 7 5	
	♦ A 9 6 3	
	♣ T 8 4	

No coughs were indicated on this board. North and South were balanced/semi-balanced on both hands and were the declaring side as well.

FD1S3 Bd. #11


**Board 11. Dealer South. None Vulnerable.**

	♠ Q 8 2 ♥ A J T 3 ♦ K T 9 5 3 ♣ 2		
♠ A 3 ♥ 8 7 5 ♦ A Q J 6 4 ♣ K 6 5		♠ K J T 6 4 ♥ K 9 6 2 ♦ 8 ♣ A Q 8	
	♠ 9 7 5 ♥ Q 4 ♦ 7 2 ♣ J T 9 7 4 3		

Elinescu (N) coughed one time indicating a club singleton or void. Wladow did not cough indicating a balanced or semi-balanced hand.

DF1S3 Bd. #12

**Board 12. Dealer West. N-S Vulnerable.**

	♠ 9 8 ♥ A 5 4 ♦ J T 9 4 ♣ Q J 5 2		
♠ K 4 3 ♥ Q J T 8 ♦ A 3 ♣ K 7 4 3		♠ A J 7 5 2 ♥ K 9 7 ♦ 8 6 ♣ A 9 8	
	♠ Q T 6 ♥ 6 3 2 ♦ K Q 7 5 2 ♣ T 6		

Bd. #12 is an example of an opening lead cough. Declarer (E) was in 4♠ and Elinescu (N) coughed one time indicating a club lead. The ♣10 was led instead of the normal ♦K which was the lead at all of the other tables playing the hand.

DF1S3 Bd. #13

**Board 13. Dealer North. All Vulnerable.**

	♠ A 9 4 3		
	♥ K 8 7 3		
	♦ 9 3 2		
	♣ 6 5		
♠ 2	<div style="border: 1px solid black; padding: 5px; display: inline-block;">             N W     E S           </div>	♠ Q 8 6	
♥ J T 5 4 2		♥ -	
♦ 7		♦ A K Q J T 8 5 4	
♣ K Q 8 7 3 2		♣ 9 4	
	♠ K J T 7 5		
	♥ A Q 9 6		
	♦ 6		
	♣ A J T		

Elinescu (N) did not cough indicating a balanced or semi-balanced hand. Wladow (S), however coughed two times indicating a diamond singleton or void.

DF1S3 Bd. #14

**Board 14. Dealer East. None Vulnerable.**

	♠ K 9 3		
	♥ T 8 4		
	♦ 9 7 6		
	♣ 9 5 4 3		
♠ 6 4 2	<div style="border: 1px solid black; padding: 5px; display: inline-block;">             N W     E S           </div>	♠ J T	
♥ K Q J 2		♥ 9 7 6 5 3	
♦ K Q 8 2		♦ T	
♣ 8 7		♣ A K Q J 6	
	♠ A Q 8 7 5		
	♥ A		
	♦ A J 5 4 3		
	♣ T 2		

Elinescu (N) did not cough indicating a balanced or semi-balanced hand. Wladow (S), however, coughed three times indicating a heart singleton.

**Board 16. Dealer West. E-W Vulnerable.**

	♠ J	
	♥ A 8 5	
	♦ A J T 7 4 2	
	♣ Q 8 2	
♠ 8	<div style="background-color: black; color: white; padding: 5px; display: inline-block;">             N W     E S           </div>	♠ A T 7 6 4 3 2
♥ J T 9 4 3 2		♥ K Q
♦ Q 8		♦ 6 5 3
♣ J 9 7 3		♣ T
	♠ K Q 9 5	
	♥ 7 6	
	♦ K 9	
	♣ A K 6 5 4	

Bd. #16 is an example of unusual bidding by S. N opened 2NT showing either both minors or a 6+-card diamond suit and 11-14 HCP. E passed. S responded 3♣ which according to the N/S convention card is p/c. When asked by E, S explained the 3♣ bid as p/c while holding 15 HCP. W passed. N corrected to 3♦. E bid 3♠ thinking the auction is about to die in 3♦ and that his partner has the points sitting in S's hand. 3♠ is doubled and set 4. The director was called. S was questioned as to why he made a non-forcing bid with 15 HCPs and his partner had shown him 11-14 HCP with the opening bid. His response was that he "knew" his partner had diamonds and was going to bid over 3♦ and he would take it from there.