

HB19 use of losing trick count

<div><div><div>♠KJ742</div><div>♥KQ2</div><div>♦K5</div><div>♣K65</div></div><div><div>♠Q103</div><div>♥J975</div><div>♦Q42</div><div>♣A109</div></div><div><div>♠A5</div><div>♥A1064</div><div>♦10983</div><div>♣874</div></div><div><div>♠986</div><div>♥83</div><div>♦AJ76</div><div>♣QJ32</div></div></div>	<div>Board 1 : Dealer North : Love all</div> <div><div><div>West</div><div>North</div><div>East</div><div>South</div></div><div><div></div><div>1♠</div><div>Pass</div><div>2♠</div></div></div> <div>All Pass</div> <div>North losers: ♠ = 2 ♥ = 1 ♦ = 1 ♣ = 2 Total = 6 South cannot use the LTC because he does not know of an 8-card fit. He raises to 2♠ with 6-9 points. North can use the LTC because even if South has only 3 spades North knows of an 8-card fit. He assumes South has 9(-10) losers so his 6 losers doesn't justify a forward move.</div>
<div><div><div>♠4</div><div>♥AQJ54</div><div>♦109653</div><div>♣108</div></div><div><div>♠K765</div><div>♥86</div><div>♦AJ8</div><div>♣9543</div></div><div><div>♠AQJ32</div><div>♥K7</div><div>♦KQ4</div><div>♣762</div></div><div><div>♠1098</div><div>♥10932</div><div>♦72</div><div>♣AKQJ</div></div></div>	<div>Board 2 : Dealer East : NS vulnerable</div> <div><div><div>West</div><div>North</div><div>East</div><div>South</div></div><div><div></div><div></div><div>1♠</div><div>Pass</div></div></div> <div>2♠ All Pass</div> <div>East losers: ♠ = 1 ♥ = 1 ♦ = 1 ♣ = 3 Total = 6 West losers: ♠ = 2 ♥ = 2 ♦ = 2 ♣ = 3 Total = 9 Expected number of tricks under LTC: 24 – 6 – 9 = 9 Tricks made on best play = 9 E/W Points = 23 East assumes West has 9(-10) losers so his 6 loser hand doesn't justify a forward move</div>
<div><div><div>♠K865</div><div>♥9432</div><div>♦7532</div><div>♣5</div></div><div><div>♠9</div><div>♥KQ107</div><div>♦Q10986</div><div>♣Q109</div></div><div><div>♠J10</div><div>♥AJ86</div><div>♦AKJ</div><div>♣J873</div></div><div><div>♠AQ7432</div><div>♥5</div><div>♦4</div><div>♣AK642</div></div></div>	<div>Board 3 : Dealer South : EW vulnerable</div> <div><div><div>West</div><div>North</div><div>East</div><div>South</div></div><div><div></div><div></div><div></div><div>1♠</div></div><div><div>Pass</div><div>2♠</div><div>Pass</div><div>4♠</div></div></div> <div>All Pass</div> <div>South losers: ♠ = 1 ♥ = 1 ♦ = 1 ♣ = 1 Total = 4 North losers: ♠ = 2 ♥ = 3 ♦ = 3 ♣ = 1 Total = 9 Expected number of tricks under LTC: 24 – 4 – 9 = 11 Tricks made on best play = 11 N/S Points = 16 East/West can make 3♥.</div>
<div><div><div>♠A</div><div>♥A10643</div><div>♦10983</div><div>♣874</div></div><div><div>♠KJ742</div><div>♥QJ</div><div>♦K5</div><div>♣K652</div></div><div><div>♠9865</div><div>♥K8</div><div>♦AJ76</div><div>♣QJ3</div></div><div><div>♠Q103</div><div>♥9752</div><div>♦Q42</div><div>♣A109</div></div></div>	<div>Board 4 : Dealer West : All vulnerable</div> <div><div><div>West</div><div>North</div><div>East</div><div>South</div></div><div><div>1♠</div><div>Pass</div><div>3♠</div><div>All Pass</div></div></div> <div>West losers: ♠ = 2 ♥ = 2 ♦ = 1 ♣ = 2 Total = 7 East losers: ♠ = 3 ♥ = 1 ♦ = 2 ♣ = 2 Total = 8 Expected number of tricks under LTC: 24 – 7 – 8 = 9 Tricks made on best play = 9 E/W Points = 24 West assumes East has 8 losers so his 7 loser hand doesn't justify raising to game.</div>

<div><div><div>♠AQ765</div><div>♥65</div><div>♦AQ107</div><div>♣42</div></div><div><div>♠J104</div><div>♥AKJ7</div><div>♦K94</div><div>♣J76</div></div><div><div>♠9</div><div>♥Q109</div><div>♦6532</div><div>♣Q10985</div></div><div><div>♠K832</div><div>♥8432</div><div>♦J8</div><div>♣AK3</div></div></div>	<div>Board 5 : Dealer North : NS vulnerable</div> <div><div><div>West</div><div>North</div><div>East</div><div>South</div></div><div><div></div><div>1♠</div><div>Pass</div><div>3♠</div></div><div><div>Pass</div><div>4♠</div><div>All Pass</div><div></div></div></div> <div><div>North losers: ♠ = 1 ♥ = 2 ♦ = 1 ♣ = 2 Total = 6</div><div>South losers: ♠ = 2 ♥ = 3 ♦ = 2 ♣ = 1 Total = 8</div><div>Expected number of tricks under LTC: 24 – 6 – 8 = 10</div><div>Tricks made on best play = 11 N/S Points = 23</div><div>North assumes South has 8 losers so his 6 loser hand justifies raising to game.</div></div>
<div><div><div>♠10</div><div>♥AK8</div><div>♦63</div><div>♣J987642</div></div><div><div>♠KJ76</div><div>♥J632</div><div>♦AQJ9</div><div>♣5</div></div><div><div>♠AQ432</div><div>♥74</div><div>♦1087</div><div>♣AQ3</div></div><div><div>♠985</div><div>♥Q1095</div><div>♦K542</div><div>♣K10</div></div></div>	<div>Board 6 : Dealer East : EW vulnerable</div> <div><div><div>West</div><div>North</div><div>East</div><div>South</div></div><div><div></div><div></div><div>1♠</div><div>Pass</div></div><div><div>4♠</div><div>All Pass</div><div></div><div></div></div></div> <div><div>East losers: ♠ = 1 ♥ = 2 ♦ = 3 ♣ = 1 Total = 7</div><div>West losers: ♠ = 2 ♥ = 3 ♦ = 1 ♣ = 1 Total = 7</div><div>Expected number of tricks under LTC: 24 – 7 – 7 = 10</div><div>Tricks made on best play = 11 E/W Points = 24.</div><div>Compare this hand to hand 7. This time West has 12 points for his 4♠. A slam could be on if East is strong and suitable. It is unsatisfactory that this West hand is dealt with in the same way as the North hand in hand 7. Experienced players have other ways of dealing with this West hand.</div></div>
<div><div><div>♠KQ8765</div><div>♥32</div><div>♦9</div><div>♣J654</div></div><div><div>♠9</div><div>♥Q1095</div><div>♦KJ543</div><div>♣932</div></div><div><div>♠10</div><div>♥AKJ86</div><div>♦A1062</div><div>♣K87</div></div><div><div>♠AJ432</div><div>♥74</div><div>♦Q87</div><div>♣AQ10</div></div></div>	<div>Board 7 : Dealer South : All vulnerable</div> <div><div><div>West</div><div>North</div><div>East</div><div>South</div></div><div><div></div><div></div><div></div><div>1♠</div></div><div><div>Pass</div><div>4♠</div><div>All Pass</div><div></div></div></div> <div><div>South losers: ♠ = 2 ♥ = 2 ♦ = 2 ♣ = 1 Total = 7</div><div>North losers: ♠ = 1 ♥ = 2 ♦ = 1 ♣ = 3 Total = 7</div><div>Expected number of tricks under LTC: 24 – 7 – 7 = 10</div><div>Tricks made on best play = 10 N/S Points = 19</div><div>East/West can make 3♥. If the club finesse had not worked declarer would be one off, but then East/West could have made 4♥. North's 4♠ is pre-emptive but it is unsatisfactory that this North hand is dealt with in the same way as the West hand in hand 6.</div></div>
<div><div><div>♠10</div><div>♥QJ107</div><div>♦AJ96</div><div>♣10975</div></div><div><div>♠AQ7</div><div>♥A6432</div><div>♦43</div><div>♣K86</div></div><div><div>♠KJ654</div><div>♥98</div><div>♦872</div><div>♣Q32</div></div><div><div>♠9832</div><div>♥K5</div><div>♦KQ105</div><div>♣AJ4</div></div></div>	<div>Board 8 : Dealer West : Love all</div> <div><div><div>West</div><div>North</div><div>East</div><div>South</div></div><div><div>1♥</div><div>Pass</div><div>1♠</div><div>Pass</div></div><div><div>2♠</div><div>All Pass</div><div></div><div></div></div></div> <div><div>East losers: ♠ = 2 ♥ = 2 ♦ = 3 ♣ = 2 Total = 9</div><div>West cannot use the LTC because he does not know of an 8-card fit. He raises to 2♠ with 12-15 points. East can use the LTC because even if West has only 3 spades East knows of an 8-card fit. He assumes West has 7 losers so his 9 loser hand doesn't justify a forward move.</div></div>

<div><div><div>♠AKJ5</div><div>♥KQ10432</div><div>♦5</div><div>♣75</div></div><div><div>♠87</div><div>♥AJ6</div><div>♦J742</div><div>♣AK94</div></div><div><div>♠96</div><div>♥97</div><div>♦KQ963</div><div>♣QJ108</div></div><div><div>♠Q10432</div><div>♥85</div><div>♦A108</div><div>♣632</div></div></div>	<div>Board 9 : Dealer North : EW vulnerable</div> <div><div><div>West</div><div>North</div><div>East</div><div>South</div></div><div><div></div><div>1♥</div><div>Pass</div><div>1♠</div></div><div><div>Pass</div><div>4♠</div><div>All Pass</div><div></div></div></div> <div><div>North losers: ♠ = 1♥ = 1♦ = 1♣ = 2Total = 5</div><div>South losers: ♠ = 2♥ = 2♦ = 2♣ = 3Total = 9</div><div>Expected number of tricks under LTC: 24 – 5 – 9 = 10</div><div>Tricks made on best play = 10N/S Points = 19</div></div>
<div><div><div>♠87</div><div>♥AJ6</div><div>♦J742</div><div>♣AK94</div></div><div><div>♠Q10432</div><div>♥85</div><div>♦A108</div><div>♣632</div></div><div><div>♠AJ95</div><div>♥KQ10432</div><div>♦5</div><div>♣75</div></div><div><div>♠K6</div><div>♥97</div><div>♦KQ963</div><div>♣QJ108</div></div></div>	<div>Board 10 : Dealer East : All vulnerable</div> <div><div><div>West</div><div>North</div><div>East</div><div>South</div></div><div><div></div><div></div><div>1♥</div><div>Pass</div></div><div><div>1♠</div><div>Pass</div><div>3♠</div><div>All Pass</div></div></div> <div><div>East losers: ♠ = 2♥ = 1♦ = 1♣ = 2Total = 6</div><div>West losers: ♠ = 2♥ = 2♦ = 2♣ = 3Total = 9</div><div>Expected number of tricks under LTC: 24 – 6 – 9 = 9</div><div>Tricks made on best play = 9E/W Points = 16</div><div>West assumes East has 6 losers so his 9 loser hand doesn't justify raising to game.</div><div>North/South can make 4♦.</div></div>
<div><div><div>♠KQ432</div><div>♥85</div><div>♦A108</div><div>♣632</div></div><div><div>♠106</div><div>♥97</div><div>♦KQ963</div><div>♣QJ108</div></div><div><div>♠87</div><div>♥AJ6</div><div>♦J742</div><div>♣AK94</div></div><div><div>♠AJ95</div><div>♥KQ10432</div><div>♦5</div><div>♣75</div></div></div>	<div>Board 11 : Dealer South : Love all</div> <div><div><div>West</div><div>North</div><div>East</div><div>South</div></div><div><div></div><div></div><div></div><div>1♥</div></div><div><div>Pass</div><div>1♠</div><div>Pass</div><div>3♠</div></div><div><div>Pass</div><div>4♠</div><div>All Pass</div><div></div></div></div> <div><div>South losers: ♠ = 2♥ = 1♦ = 1♣ = 2Total = 6</div><div>North losers: ♠ = 1♥ = 2♦ = 2♣ = 3Total = 8</div><div>Expected number of tricks under LTC: 24 – 6 – 8 = 10</div><div>Tricks made on best play = 10N/S Points = 19</div><div>North assumes South has 6 losers so his 8 loser hand justifies raising to game.</div></div>
<div><div><div>♠J</div><div>♥A1097</div><div>♦942</div><div>♣AJ954</div></div><div><div>♠Q9876</div><div>♥Q32</div><div>♦KQ3</div><div>♣K8</div></div><div><div>♠A5432</div><div>♥K86</div><div>♦A65</div><div>♣73</div></div><div><div>♠K10</div><div>♥J54</div><div>♦J1087</div><div>♣Q1062</div></div></div>	<div>Board 12 : Dealer West : NS vulnerable</div> <div><div><div>West</div><div>North</div><div>East</div><div>South</div></div><div><div>1♠</div><div>Pass</div><div>3♠</div><div>All Pass</div></div></div> <div><div>West losers: ♠ = 2♥ = 2♦ = 1♣ = 1Total = 6</div><div>East losers: ♠ = 2♥ = 2♦ = 2♣ = 2Total = 8</div><div>Expected number of tricks under LTC: 24 – 6 – 8 = 10</div><div>Tricks made on best play = 8E/W Points = 23</div><div>West has 6 losers but so does the North hand in hand 13.</div><div>The two hands are a world apart! With so many queens and no aces West should demote his hand to 7 losers and pass 3♠. Even this proves too high!</div></div>

<p>♠K9876 ♥A32 ♦KQ3 ♣A8</p> <p>♠10 ♠QJ ♥QJ54 ♥1097 ♦J1087 ♦942 ♣K1062 ♣QJ954</p> <p>♠A5432 ♥K86 ♦A65 ♣73</p>	<p>Board 13 : Dealer North : All vulnerable</p> <table><tr><th>West</th><th>North</th><th>East</th><th>South</th></tr><tr><td></td><td>1♠</td><td>Pass</td><td>3♠</td></tr><tr><td>Pass</td><td>4♠</td><td>All Pass</td><td></td></tr></table> <p>North losers: ♠ = 2 ♥ = 2 ♦ = 1 ♣ = 1 Total = 6 South losers: ♠ = 2 ♥ = 2 ♦ = 2 ♣ = 2 Total = 8 Expected number of tricks under LTC: 24 – 6 – 8 = 10 Tricks made on best play = 11 N/S Points = 27 North has 6 losers but so does the West hand in hand 13. The two hands are a world apart! With so many aces West might consider promoting his hand to 5 losers. He certainly has enough to raise 3♠ to 4♠.</p>	West	North	East	South		1♠	Pass	3♠	Pass	4♠	All Pass	
West	North	East	South										
	1♠	Pass	3♠										
Pass	4♠	All Pass											
<p>♠J863 ♥AKQ6 ♦K752 ♣2</p> <p>♠1095 ♠7 ♥84 ♥10932 ♦J4 ♦AQ1086 ♣KJ9763 ♣AQ10</p> <p>♠AKQ42 ♥J75 ♦93 ♣854</p>	<p>Board 14 : Dealer East : Love all</p> <table><tr><th>West</th><th>North</th><th>East</th><th>South</th></tr><tr><td></td><td></td><td>1♦</td><td>1♠</td></tr><tr><td>Pass</td><td>4♠</td><td>All Pass</td><td></td></tr></table> <p>South losers: ♠ = 0 ♥ = 3 ♦ = 2 ♣ = 3 Total = 8 North losers: ♠ = 3 ♥ = 0 ♦ = 2 ♣ = 1 Total = 6 Expected number of tricks under LTC: 24 – 8 – 6 = 10 Tricks made on best play = 10 N/S Points = 23 A minimum one-level overcall has 8 losers</p>	West	North	East	South			1♦	1♠	Pass	4♠	All Pass	
West	North	East	South										
		1♦	1♠										
Pass	4♠	All Pass											
<p>♠107 ♥1098 ♦K54 ♣Q10654</p> <p>♠AQ32 ♠K98654 ♥J743 ♥KQ2 ♦3 ♦1096 ♣AJ32 ♣8</p> <p>♠J ♥A65 ♦AQJ872 ♣K97</p>	<p>Board 15 : Dealer South : NS vulnerable</p> <table><tr><th>West</th><th>North</th><th>East</th><th>South</th></tr><tr><td></td><td></td><td></td><td>1♦</td></tr><tr><td>Dbl</td><td>Pass</td><td>4♠</td><td>All Pass</td></tr></table> <p>West losers: ♠ = 1 ♥ = 3 ♦ = 1 ♣ = 2 Total = 7 East losers: ♠ = 2 ♥ = 1 ♦ = 3 ♣ = 1 Total = 7 Expected number of tricks under LTC: 24 – 7 – 7 = 10 Tricks made on best play = 11 E/W Points = 20 A minimum takeout double has 7 losers so with only 7 losers and a known fit East is well worth 4♠.</p>	West	North	East	South				1♦	Dbl	Pass	4♠	All Pass
West	North	East	South										
			1♦										
Dbl	Pass	4♠	All Pass										
<p>♠KJ65 ♥9 ♦AQ32 ♣K876</p> <p>♠1043 ♠9 ♥AKQJ86 ♥1054 ♦J5 ♦10987 ♣AJ ♣Q10954</p> <p>♠AQ872 ♥732 ♦K64 ♣32</p>	<p>Board 16 : Dealer West : EW vulnerable</p> <table><tr><th>West</th><th>North</th><th>East</th><th>South</th></tr><tr><td>1♥</td><td>Dbl</td><td>Pass</td><td>2♠</td></tr><tr><td>3♥</td><td>4♠</td><td>All Pass</td><td></td></tr></table> <p>North losers: ♠ = 2 ♥ = 1 ♦ = 1 ♣ = 2 Total = 6 South losers: ♠ = 1 ♥ = 3 ♦ = 2 ♣ = 2 Total = 8 Expected number of tricks under LTC: 24 – 6 – 8 = 10 Tricks made on best play = 11 N/S Points = 13 A minimum takeout double has 7 losers so with only 8 losers and a known fit South is worth 2♠. With only 6 losers North should raise to 4♠.</p>	West	North	East	South	1♥	Dbl	Pass	2♠	3♥	4♠	All Pass	
West	North	East	South										
1♥	Dbl	Pass	2♠										
3♥	4♠	All Pass											