



**MIXED GRADED
TOURNAMENT CIRCUIT**



PREMIER DIVISION 1 IMASK Central Regional Junior A - Bridge of Allan Sports Club

30/10/2010			31/10/2010			31/10/2010			Final Ranking	
Round 1			Round 2			Round 3			Rank	Name
Position	Name	Score		Name	Score		Name	Score		
1	1-Douglas KEMPSELL (WAV)	3	1	1-Douglas KEMPSELL (WAV)	3	1	1-Douglas KEMPSELL (WAV)	0	1	2-Greg LOBBAN ()
Crt/Time	11/1 11/3 11/2		Crt/Time	5/11 15/13 11/6 15/13		Crt/Time	11/13 8/11 6/11			Final
8	Mhairi CHARLTON (ASRC)	0	4	4-Jamie HENDERSON (THU)	1	2	2-Greg LOBBAN ()	3	2	1-Douglas KEMPSELL (WAV)
4	4-Jamie HENDERSON (THU)	3	2	2-Greg LOBBAN ()	3	3	3-Chris LEIPER (ASRC)	3	3	3-Chris LEIPER (ASRC)
Crt/Time	11/6 11/2 11/3		Crt/Time	11/5 11/4 11/4		Crt/Time	9/11 11/4 11/0 11/1			
5	Fergus RICHARDS (WICK)	0	3	3-Chris LEIPER (ASRC)	0	4	4-Jamie HENDERSON (THU)	1	4	4-Jamie HENDERSON (THU)
3	3-Chris LEIPER (ASRC)	3	5	Fergus RICHARDS (WICK)	3	5	Fergus RICHARDS (WICK)	3	5	Fergus RICHARDS (WICK)
Crt/Time	11/8 11/5 12/10		Crt/Time	8/11 7/5 retired		Crt/Time	4/11 12/10 11/9 8/11 11/6			
6	Kyle GRIBBEN (INV)	0	8	Mhairi CHARLTON (ASRC)	1	6	Kyle GRIBBEN (INV)	2	6	Kyle GRIBBEN (INV)
2	2-Greg LOBBAN ()	3	6	Kyle GRIBBEN (INV)	3	7	Calum JOHNSTON (KIN)	3	7	Calum JOHNSTON (KIN)
Crt/Time	11/1 11/2 11/1		Crt/Time	8/11 12/10 9/11 11/7 11/9		Crt/Time	w/o			
7	Calum JOHNSTON (KIN)	0	7	Calum JOHNSTON (KIN)	2	8	Mhairi CHARLTON (ASRC)	0	8	Mhairi CHARLTON (ASRC)

THE WINNER OF EACH MATCH TAKES THE LOWER NUMBER TO THE NEXT ROUND - THE LOSER TAKES THE HIGHER NUMBER.

QUALIFYING 1

30/10/2010		
Qualifying Round		
Position	Name	Score
1	5-Calum JOHNSTON (KIN)	3
Crt/Time	11/5 11/4 11/4	
8	9-James WILSON ()	0
4	8-Fergus RICHARDS (WICK)	3
Crt/Time	11/6 11/6 11/5	
5	10-Bruce SMITH ()	0
3	7-Kyle GRIBBEN (INV)	3
Crt/Time	11/8 12/10 14/12	
6	11-Ross ANDREW (NEW)	0
2	6-Mhairi CHARLTON (ASRC)	3
Crt/Time	11/3 11/1 9/11 11/5	
7	12-Douglas MACMILLAN (DLL)	1

THE WINNER OF EACH MATCH MOVES TO DIVISION 1 AND THE LOSER MOVES TO DIVISION 2

DIVISION 2

30/10/2010			31/10/2010			31/10/2010			Final Ranking	
Round 1			Round 2			Round 3			Rank	Name
Seed	Name	Score		Name	Score		Name	Score		
1	James WILSON ()	3	1	James WILSON ()	3	1	James WILSON ()	3	1	James WILSON ()
Crt/Time	11/8 11/7 12/10		Crt/Time	11/4 11/7 11/7		Crt/Time	11/7 6/11 11/5 14/12			Final
8	Sean GRAHAM (LIN)	0	4	Douglas MACMILLAN (DLL)	0	2	Michael ROSS (INV)	1	2	Michael ROSS (INV)
4	Douglas MACMILLAN (DLL)	3	2	Michael ROSS (INV)	3	3	Ross ANDREW (NEW)	3	3	Ross ANDREW (NEW)
Crt/Time	13/11 9/11 11/9 11/3		Crt/Time	11/4 11/8 9/11 11/5		Crt/Time	8/11 11/0 12/10 11/3			
5	Sean GADSBY (CRF)	1	3	Ross ANDREW (NEW)	1	4	Douglas MACMILLAN (DLL)	1	4	Douglas MACMILLAN (DLL)
3	Ross ANDREW (NEW)	3	5	Sean GADSBY (CRF)	1	5	Sean GRAHAM (LIN)	0	5	Bruce SMITH ()
Crt/Time	9/11 8/11 11/3 11/9 11/3		Crt/Time	11/9 10/12 1/11 3/11		Crt/Time	7/11 6/11 7/11			
6	David BEAUMONT (KIN)	2	8	Sean GRAHAM (LIN)	3	6	Bruce SMITH ()	3	6	Sean GRAHAM (LIN)
2	Bruce SMITH ()	0	6	David BEAUMONT (KIN)	2	7	David BEAUMONT (KIN)	3	7	David BEAUMONT (KIN)
Crt/Time	5/11 9/11 1/11		Crt/Time	8/11 11/6 3/11 11/8 9/11		Crt/Time	11/7 14/12 10/12 11/13 11/9			
7	Michael ROSS (INV)	3	7	Bruce SMITH ()	3	8	Sean GADSBY (CRF)	2	8	Sean GADSBY (CRF)

THE WINNER OF EACH MATCH TAKES THE LOWER NUMBER TO THE NEXT ROUND - THE LOSER TAKES THE HIGHER NUMBER.

QUALIFYING 2

30/10/2010

Qualifying Round		
Position	Name	Score
1	13-Jason LANG (DLR)	2
Crt/Time	5/11 11/8 8/11 11/8 5/11	
8	17-Michael ROSS (INV)	3
4	16-Bye	0
Crt/Time		
5	18-Sean GADSBY (CRF)	3
3	15-Morgan MCGUIRE (DLR)	2
Crt/Time	9/11 8/11 11/5 13/11 8/11	
6	19-David BEAUMONT (KIN)	3
2	14-Sean GRAHAM (LIN)	3
Crt/Time	11/5 11/4 11/3	
7	20-Elspeth YOUNG (KIN)	0

THE WINNER OF EACH MATCH MOVES TO DIVISION 2 AND THE LOSER MOVES TO DIVISION 3

DIVISION 3

30/10/2010

Round 1			Round 2			Round 3		
Seed	Name	Score		Name	Score		Name	Score
1	Jason LANG (DLR)	3	1	Jason LANG (DLR)	2	1	Findlay MACDONALD (INV)	3
Crt/Time	11/4 11/9 9/11 11/3		Crt/Time	7/11 11/9 9/11 11/8 9/11		Crt/Time	12/10 6/11 11/9 5/11 11/7	
8	Craig VALENTE-WALLACE (LL)	1	4	Findlay MACDONALD (INV)	3	2	Morgan MCGUIRE (DLR)	2
4	Elspeth YOUNG (KIN)	1	2	Morgan MCGUIRE (DLR)	3	3	Andrew GRAYDON (BOA)	2
Crt/Time	11/4 10/12 8/11 8/11		Crt/Time	11/3 11/9 12/10		Crt/Time	5/11 7/11 15/13 11/6 8/11	
5	Findlay MACDONALD (INV)	3	3	Andrew GRAYDON (BOA)	0	4	Jason LANG (DLR)	3
3	Bye	0	5	Elspeth YOUNG (KIN)	1	5	Craig VALENTE-WALLACE (LL)	2
Crt/Time			Crt/Time	8/11 11/8 3/11 6/11		Crt/Time	8/11 6/11 11/7 11/9 10/12	
6	Andrew GRAYDON (BOA)	3	8	Craig VALENTE-WALLACE (LL)	3	6	Kirsty LOBBAN (INV)	3
2	Morgan MCGUIRE (DLR)	3	6	Bye	0	7	Bye	0
Crt/Time	5/11 11/9 11/1 11/4		Crt/Time			Crt/Time		
7	Kirsty LOBBAN (INV)	1	7	Kirsty LOBBAN (INV)	3	8	Elspeth YOUNG (KIN)	3

THE WINNER OF EACH MATCH TAKES THE LOWER NUMBER TO THE NEXT ROUND - THE LOSER TAKES THE HIGHER NUMBER.

Final Ranking	
Rank	Name
1	Findlay MACDONALD (INV)
Final	
2	Morgan MCGUIRE (DLR)
3	Jason LANG (DLR)
4	Andrew GRAYDON (BOA)
5	Kirsty LOBBAN (INV)
6	Craig VALENTE-WALLACE (LL)
7	Elspeth YOUNG (KIN)
8	Bye



QUALIFYING 3

30/10/2010

Qualifying Round		
Position	Name	Score
1	21-Kirsty LOBBAN (INV)	3
Crt/Time	12/14 11/4 2/11 12/10 11/6	
8	25-Andrew STARK (SGF)	2
4	24-Adrian OLIVEIRA (PER)	0
Crt/Time	5/11 7/11 9/11	
5	26-Findlay MACDONALD (INV)	3
3	23-Gillian CRAWFORD (CRF)	1
Crt/Time	11/8 8/11 9/11 9/11	
6	27-Andrew GRAYDON (BOA)	3
2	22-Martin ROSS (INV)	0
Crt/Time	8/11 9/11 8/11	
7	28-Craig VALENTE-WALLACE (LL)	3

THE WINNER OF EACH MATCH MOVES TO DIVISION 3 AND THE LOSER MOVES TO DIVISION 4

DIVISION 4

30/10/2010

Round 1			Round 2			Round 3		
Seed	Name	Score		Name	Score		Name	Score
1	Martin ROSS (INV)	3	1	Martin ROSS (INV)	3	1	Martin ROSS (INV)	2
Crt/Time	11/8 11/8 11/8		Crt/Time	11/9 8/11 10/12 11/7 11/9		Crt/Time	7/11 8/11 14/12 13/11 12/14	
8	Richard HOLLINS (MAC)	0	4	Andrew STARK (SGF)	2	2	Adrian OLIVEIRA (PER)	3
4	Andrew STARK (SGF)	3	2	Harry ANDERSON (WC)	0	3	Harry ANDERSON (WC)	0
Crt/Time	11/4 11/5 11/9		Crt/Time	7/11 11/13 9/11		Crt/Time	8/11 8/11 10/12	
5	Andrew ROBERTS ()	0	3	Adrian OLIVEIRA (PER)	3	4	Andrew STARK (SGF)	3
3	Adrian OLIVEIRA (PER)	3	5	Andrew ROBERTS ()	2	5	Richard HOLLINS (MAC)	2
Crt/Time	11/5 8/11 11/8 8/11 11/6		Crt/Time	11/9 5/11 5/11 11/7 5/11		Crt/Time	12/14 11/8 6/11 11/9 16/18	
6	Ewan HEARNS (INV)	2	8	Richard HOLLINS (MAC)	3	6	Gillian CRAWFORD (CRF)	3
2	Gillian CRAWFORD (CRF)	0	6	Ewan HEARNS (INV)	0	7	Ewan HEARNS (INV)	3
Crt/Time	4/11 4/11 5/11		Crt/Time	10/12 5/11 7/11		Crt/Time	11/4 11/9 11/9	
7	Harry ANDERSON (WC)	3	7	Gillian CRAWFORD (CRF)	3	8	Andrew ROBERTS ()	0

THE WINNER OF EACH MATCH TAKES THE LOWER NUMBER TO THE NEXT ROUND - THE LOSER TAKES THE HIGHER NUMBER.

Final Ranking	
Rank	Name
1	Adrian OLIVEIRA (PER)
Final	
2	Martin ROSS (INV)
3	Andrew STARK (SGF)
4	Harry ANDERSON (WC)
5	Gillian CRAWFORD (CRF)
6	Richard HOLLINS (MAC)
7	Ewan HEARNS (INV)
8	Andrew ROBERTS ()

QUALIFYING 4

30/10/2010

Qualifying Round		
Position	Name	Score
1	29-Harry ANDERSON (WC)	3
Crt/Time	11/6 14/12 13/11	
8	33-David TOLLAND (GIF)	0
4	32-Andrew ROBERTS ()	3
Crt/Time	6/11 11/8 11/7 11/5	
5	34-Amy DOUGLAS ()	1
3	31-Jack HOGG (PER)	1
Crt/Time	8/11 7/11 11/5 7/11	
6	35-Ewan HEARNS (INV)	3
2	30-Richard HOLLINS (MAC)	3
Crt/Time	11/4 11/6 9/11 11/6	
7	36-Rebecca MCKERCHAR (PER)	1

THE WINNER OF EACH MATCH MOVES TO DIVISION 4 AND THE LOSER MOVES TO DIVISION 5

DIVISION 5

30/10/2010

Round 1		
Seed	Name	Score
1	Jack HOGG (PER)	3
Crt/Time	11/4 11/7 11/2	
8	Ryan GILLIES (LIN)	0
4	Rebecca MCKERCHAR (PER)	3
Crt/Time	11/7 9/11 11/5 11/9	
5	Jordan GEDDES (INV)	1
3	Amy DOUGLAS ()	0
Crt/Time	9/11 8/11 11/13	
6	Struan GRANT (SGF)	3
2	David TOLLAND (GIF)	3
Crt/Time	11/4 11/4 7/11 15/13	
7	Gregor VINCENT (LIN)	1

THE WINNER OF EACH MATCH TAKES THE LOWER NUMBER TO THE NEXT ROUND - THE LOSER TAKES THE HIGHER NUMBER.

IMASK Central Regional Junior A - Bridge of Allan Sports Club

31/10/2010

Round 2		
Seed	Name	Score
1	Jack HOGG (PER)	3
Crt/Time	11/5 11/7 11/9	
4	Rebecca MCKERCHAR (PER)	0
2	David TOLLAND (GIF)	3
Crt/Time	11/1 11/5 11/6	
3	Struan GRANT (SGF)	0
5	Jordan GEDDES (INV)	1
Crt/Time	6/11 9/11 12/10 4/11	
8	Ryan GILLIES (LIN)	3
6	Amy DOUGLAS ()	0
Crt/Time	5/11 5/11 8/11	
7	Gregor VINCENT (LIN)	3

31/10/2010

Round 3		
Seed	Name	Score
1	Jack HOGG (PER)	1
Crt/Time	11/7 7/11 5/11 7/11	
2	David TOLLAND (GIF)	3
3	Struan GRANT (SGF)	0
Crt/Time	9/11 7/11 9/11	
4	Rebecca MCKERCHAR (PER)	3
5	Ryan GILLIES (LIN)	0
Crt/Time	6/11 0/11 7/11	
6	Gregor VINCENT (LIN)	3
7	Amy DOUGLAS ()	3
Crt/Time	7/11 11/7 12/10 4/11 11/9	
8	Jordan GEDDES (INV)	2

Final Ranking	
Rank	Name
1	David TOLLAND (GIF)
Final	
2	Jack HOGG (PER)
3	Rebecca MCKERCHAR (PER)
4	Struan GRANT (SGF)
5	Gregor VINCENT (LIN)
6	Ryan GILLIES (LIN)
7	Amy DOUGLAS ()
8	Jordan GEDDES (INV)



QUALIFYING 5

30/10/2010

Qualifying Round		
Position	Name	Score
1	37-Gregor VINCENT (LIN)	3
Crt/Time	11/8 11/4 4/11 11/5	
8	41-Bethany GALLAGHER (GA)	1
4	40-Jordan GEDDES (INV)	3
Crt/Time	7/11 11/6 11/8 11/3	
5	42-Andrew SORBIE (KIN)	1
3	39-Struan GRANT (SGF)	3
Crt/Time	11/4 11/4 11/5	
6	43-William PRENTICE (GA)	0
2	38-Jamie BODE (KIN)	1
Crt/Time	11/7 7/11 5/11 8/11	
7	44-Ryan GILLIES (LIN)	3

THE WINNER OF EACH MATCH MOVES TO DIVISION 5 AND THE LOSER MOVES TO DIVISION 6

DIVISION 6

30/10/2010

Round 1		
Seed	Name	Score
1	Jamie BODE (KIN)	3
Crt/Time	11/2 12/10 11/9	
8	Ross HENDERSON (INV)	0
4	William PRENTICE (GA)	3
Crt/Time	11/5 11/7 11/9	
5	Alasdair PROTT (INV)	0
3	Andrew SORBIE (KIN)	3
Crt/Time	11/6 4/11 12/10 11/6	
6	Carrie HALLAM (ESC)	1
2	Bethany GALLAGHER (GA)	1
Crt/Time	11/8 6/11 10/12 8/11	
7	David BRENNAN (WC)	3

THE WINNER OF EACH MATCH TAKES THE LOWER NUMBER TO THE NEXT ROUND - THE LOSER TAKES THE HIGHER NUMBER.

IMASK Central Regional Junior A - Bridge of Allan Sports Club

31/10/2010

Round 2		
Seed	Name	Score
1	Jamie BODE (KIN)	3
Crt/Time	11/7 11/1 11/7	
4	William PRENTICE (GA)	0
2	David BRENNAN (WC)	3
Crt/Time	11/6 8/11 9/11 11/5 11/8	
3	Andrew SORBIE (KIN)	2
5	Alasdair PROTT (INV)	0
Crt/Time	6/11 8/11 5/11	
8	Ross HENDERSON (INV)	3
6	Carrie HALLAM (ESC)	0
Crt/Time	6/11 12/14 4/11	
7	Bethany GALLAGHER (GA)	3

31/10/2010

Round 3		
Seed	Name	Score
1	Jamie BODE (KIN)	3
Crt/Time	8/11 5/11 11/8 13/11 11/6	
2	David BRENNAN (WC)	2
3	Andrew SORBIE (KIN)	3
Crt/Time	11/5 13/11 10/12 10/12 8/11	
4	William PRENTICE (GA)	2
5	Ross HENDERSON (INV)	2
Crt/Time	6/11 11/9 12/14 15/13 5/11	
6	Bethany GALLAGHER (GA)	3
7	Carrie HALLAM (ESC)	3
Crt/Time	11/7 10/12 11/8 11/5	
8	Alasdair PROTT (INV)	1

Final Ranking	
Rank	Name
1	Jamie BODE (KIN)
Final	
2	David BRENNAN (WC)
3	Andrew SORBIE (KIN)
4	William PRENTICE (GA)
5	Bethany GALLAGHER (GA)
6	Ross HENDERSON (INV)
7	Carrie HALLAM (ESC)
8	Alasdair PROTT (INV)

QUALIFYING 6

30/10/2010

Qualifying Round		
Position	Name	Score
1	45-David BRENNAN (WC)	3
Crt/Time	11/4 11/5 11/8	
8	49-Sean KELLY (INV)	0
4	48-Alasdair PROTT (INV)	3
Crt/Time	11/8 11/6 13/11	
5	50-Tino MACKAY-PALACIOS (KIN)	0
3	47-Carrie HALLAM (ESC)	3
Crt/Time	11/4 11/3 11/1	
6	51-Fergus ANDREW (NEW)	0
2	46-Ross HENDERSON (INV)	3
Crt/Time	11/3 11/3 11/2	
7	52-Ross DOUGLAS ()	0

THE WINNER OF EACH MATCH MOVES TO DIVISION 6 AND THE LOSER MOVES TO DIVISION 7

DIVISION 7

30/10/2010

Round 1			Round 2			Round 3		
Seed	Name	Score		Name	Score		Name	Score
1	Sean KELLY (INV)	3	1	Sean KELLY (INV)	3	1	Sean KELLY (INV)	3
Crt/Time	11/9 12/10 12/10		Crt/Time	11/4 11/9 11/4		Crt/Time	11/9 11/5 7/11 4/11 11/4	
8	Cameron RITCHIE (GA)	0	4	Ross DOUGLAS ()	0	2	William ANDERSON (WC)	2
4	Ross DOUGLAS ()	3	2	William ANDERSON (WC)	3	3	Fergus ANDREW (NEW)	3
Crt/Time	11/9 11/6 11/6		Crt/Time	11/9 6/11 11/8 13/11		Crt/Time	11/3 11/7 11/3	
5	Keir MACKENZIE ()	0	3	Fergus ANDREW (NEW)	1	4	Ross DOUGLAS ()	0
3	Fergus ANDREW (NEW)	3	5	Keir MACKENZIE ()	0	5	Cameron RITCHIE (GA)	3
Crt/Time	11/9 12/14 8/11 11/8 11/8		Crt/Time	3/11 6/11 2/11		Crt/Time	11/9 11/7 4/11 7/11 11/9	
6	Jamie GORDON ()	2	8	Cameron RITCHIE (GA)	3	6	Tino MACKAY-PALACIOS (KIN)	2
2	Tino MACKAY-PALACIOS (KIN)	1	6	Jamie GORDON ()	1	7	Jamie GORDON ()	3
Crt/Time	3/11 11/7 9/11 7/11		Crt/Time	11/13 8/11 11/6 14/16		Crt/Time	11/6 11/5 11/5	
7	William ANDERSON (WC)	3	7	Tino MACKAY-PALACIOS (KIN)	3	8	Keir MACKENZIE ()	0

THE WINNER OF EACH MATCH TAKES THE LOWER NUMBER TO THE NEXT ROUND - THE LOSER TAKES THE HIGHER NUMBER.

Final Ranking	
Rank	Name
1	Sean KELLY (INV)
Final	
2	William ANDERSON (WC)
3	Fergus ANDREW (NEW)
4	Ross DOUGLAS ()
5	Cameron RITCHIE (GA)
6	Tino MACKAY-PALACIOS (KIN)
7	Jamie GORDON ()
8	Keir MACKENZIE ()



QUALIFYING 7

30/10/2010

Qualifying Round		
Position	Name	Score
1	53-William ANDERSON (WC)	3
Crt/Time	11/3 11/5 11/7	
8	57-Jack ORR (CRF)	0
4	56-Emma FITZSIMMONS ()	0
Crt/Time	7/11 7/11 14/16	
5	58-Keir MACKENZIE ()	3
3	55-Jamie GORDON ()	3
Crt/Time	11/3 11/2 11/0	
6	59-David MORRIS ()	0
2	54-Cameron RITCHIE (GA)	3
Crt/Time	11/1 11/9 11/4	
7	60-Maddie ORR (CRF)	0

THE WINNER OF EACH MATCH MOVES TO DIVISION 7 AND THE LOSER MOVES TO DIVISION 8

DIVISION 8

30/10/2010

Round 1			Round 2			Round 3		
Seed	Name	Score		Name	Score		Name	Score
1	Emma FITZSIMMONS ()	3	1	Emma FITZSIMMONS ()	0	1	Sean THOMSON ()	0
Crt/Time	8/11 7/11 13/11 17/15 11/7		Crt/Time	8/11 2/11 2/11		Crt/Time	5/11 6/11 2/11	
8	Catherine HOLLAND ()	2	4	Sean THOMSON ()	3	2	Jack ORR (CRF)	3
4	Maddie ORR (CRF)	0	2	Jack ORR (CRF)	3	3	Sean HUGGETT ()	3
Crt/Time	0/11 6/11 5/11		Crt/Time	11/5 11/4 11/7		Crt/Time	11/6 11/7 11/5	
5	Sean THOMSON ()	3	3	Sean HUGGETT ()	0	4	Emma FITZSIMMONS ()	0
3	David MORRIS ()	0	5	Maddie ORR (CRF)	0	5	Catherine HOLLAND ()	3
Crt/Time	6/11 7/11 4/11		Crt/Time	6/11 8/11 4/11		Crt/Time	11/4 11/4 8/11 6/11 11/6	
6	Sean HUGGETT ()	3	8	Catherine HOLLAND ()	3	6	Katriona ALLEN (PER)	2
2	Jack ORR (CRF)	3	6	David MORRIS ()	1	7	David MORRIS ()	3
Crt/Time	11/6 11/9 11/9		Crt/Time	9/11 4/11 11/9 9/11		Crt/Time	8/11 11/6 11/8 12/10	
7	Katriona ALLEN (PER)	0	7	Katriona ALLEN (PER)	3	8	Maddie ORR (CRF)	1

THE WINNER OF EACH MATCH TAKES THE LOWER NUMBER TO THE NEXT ROUND - THE LOSER TAKES THE HIGHER NUMBER.

Final Ranking	
Rank	Name
1	Jack ORR (CRF)
Final	
2	Sean THOMSON ()
3	Sean HUGGETT ()
4	Emma FITZSIMMONS ()
5	Catherine HOLLAND ()
6	Katriona ALLEN (PER)
7	David MORRIS ()
8	Maddie ORR (CRF)