



**WHEN IT RAINS...IT SOMETIMES 'POURS'**  
(ESPECIALLY ON A SATURDAY)

## TWO DAY MATCHES



- **RULE 15: HOURS OF PLAY**

UNLESS ALTERED BY THE BOARD AS PROVIDED IN P.R.3 THE HOURS OF PLAY AND TIMES FOR INTERVALS SHALL BE SET OUT AS PER THE FOLLOWING:

- TWO-DAY GAMES (ALL XI'S).....COMMENCE 1.00PM AND EXCEPT AS PROVIDED FOR INTERRUPTIONS, WILL CEASE AT 6.10PM (1<sup>ST</sup> AND 2<sup>ND</sup> XI'S) AND 6.00PM (3<sup>RD</sup> AND 4<sup>TH</sup> XI'S)
- TEA BREAK COMMENCES 3.30PM (ALL XI'S)....AND CONTINUES FOR 30 MINUTES (1<sup>ST</sup> AND 2<sup>ND</sup> XI'S) AND 20 MINUTES (3<sup>RD</sup> AND 4<sup>TH</sup> XI'S)

## TWO DAY MATCHES (CONT'D)



- **16.5 AFTERNOON TEA:**

AN ADJOURNMENT OF 30 MINUTES (1ST & 2ND XI'S) AND 20 MINUTES (3RD & 4TH XI'S) FOR AFTERNOON TEA SHALL BE TAKEN AT 3.30 PM EACH DAY IN A TWO-DAY MATCH, EXCEPT AS FOLLOWS:

- **(A)** IF AN ADJOURNMENT OCCURS BETWEEN 2.45 PM AND 3.30 PM – TEA TAKEN AT THE TIME OF THE ADJOURNMENT.
- **(B)** IF PLAY HAS **NOT BEEN COMMENCED BY 2.45 PM ON DAY 2** - NO AFTERNOON TEA ADJOURNMENT.
- **(C)** WHERE
  - (I) PLAY HAS COMMENCED; AND
  - (II) THERE HAS BEEN AN ADJOURNMENT (OTHER THAN BY THE COMPLETION OF AN INNINGS); AND
  - (III) PLAY HAS NOT RECOMMENCED BY 2.45 PM **THEN AFTERNOON TEA ADJOURNMENT SHALL BE TAKEN AT 2.45 PM.**



## UMPIRES-WHAT'S YOUR DECISION -NO. 1

NAME AT LEAST 4 INSTANCES (**WEATHER RELATED**) WHERE THE FIRST DAY OF A TWO-DAY MATCH WOULD BE ABANDONED, REQUIRING THE GAME TO BE PLAYED ON DAY TWO AS A ONE-DAY MATCH!!

## TWO DAY MATCHES



- **RULE 16.1: TWO-DAY GAMES (ALL XI'S)**

**IN THE FOLLOWING CIRCUMSTANCES, THE 1<sup>ST</sup> DAY SHALL BE ABANDONED AND THE MATCH SHALL BECOME A ONE-DAY MATCH ON THE SECOND DAY UNDER CONDITIONS IN P.R.17.**

(A) ON THE FIRST DAY WHERE PLAY HAS COMMENCED, AND NO FURTHER PLAY TAKES PLACE AFTER 1.45 PM, THE DAY'S PLAY SHALL BE CANCELLED, AND ALL SCORES SHALL BE DECLARED NULL AND VOID.

(B) ALL PLAY IS ABANDONED BY THE BOARD, OR

(C) IF NO PLAY TAKES PLACE ON THE FIRST DAY PRIOR TO 2.45 PM, OR

(D) IF THERE IS LESS THAN 2 HOURS PLAY WITHIN THE SCHEDULED PERIOD FOR THAT DAY, AND ALL SCORES SHALL BE DECLARED NULL AND VOID.

(E) WHEN THE CAPTAINS AGREE OR UMPIRES DECIDE THAT NO PLAY IS POSSIBLE WITHIN THE SCHEDULED PERIOD FOR THAT DAY.



## TWO DAY MATCHES (CONT'D)

### 16.1 (C) FOR ALL XIS

- IF PLAYING TIME, **EXCEEDING 60 MINUTES IN AGGREGATE**, IS LOST THROUGH STOPPAGES FOR WEATHER OR BAD LIGHT ON DAY 1, **THEN THE HOURS OF PLAY FOR DAY 2 SHALL BE RE-SCHEDULED TO COMMENCE AT 12.30 PM (1.00 PM FOR 4TH XI) AND, EXCEPT AS PROVIDED HEREAFTER, CEASE AT 6.40 PM (1ST & 2ND XIS), 6.30 PM (3RD XI) AND 7.00PM (4TH XI).**

### 16.1 (D) FOR ALL XI'S

- IF PLAYING TIME, **NOT EXCEEDING 60 MINUTES IN AGGREGATE**, IS LOST THROUGH STOPPAGES OR BAD LIGHT ON DAY 1 AND **THE SIDE BATTING FIRST HAS NOT BEEN DISMISSED OR DECLARED ITS INNINGS OR HAD ITS INNINGS COMPULSORILY CLOSED**, THEN THE HOURS OF PLAY FOR DAY 2 SHALL BE RE-SCHEDULED TO COMMENCE AT 12.30 PM (1.00 PM FOR 4TH XI) AND, EXCEPT AS A PROVIDED HEREAFTER, CEASE AT 6.40 PM (1ST & 2ND XIS), 6.30PM (3RD XI) AND 7.00 PM (4TH XI).

### 16.2

- IF, DURING THE INNINGS OF THE SIDE BATTING FIRST, **PLAY IS INTERRUPTED BY STOPPAGES FOR WEATHER OR BAD LIGHT ON THE FIRST DAY AT OR AFTER 6.10 PM (1ST & 2ND XIS), 6.00 PM (3RD XI) AND 7.00 PM (4TH XI), THE INNINGS SHALL BE COMPLETED ON DAY 2**



## 16.3

- IF PLAYING TIME, NOT EXCEEDING 60 MINUTES IN THE AGGREGATE, IS LOST, THEN:

### INNINGS OF THE SIDE BATTING FIRST:

- (A) FROM THE SCHEDULED COMMENCEMENT TIME AND/OR DURING THE INNINGS OF THE SIDE BATTING FIRST - THEN THE **MINIMUM NUMBER OF OVERS REQUIRED TO BE BOWLED SHALL BE REDUCED TO THE NUMBER OF OVERS COMMENSURATE WITH THE ACTUAL BATTING TIME, AS PER THE CALCULATOR TABLE UNDER P.R.16.26.** PLAY SHALL CONTINUE PAST 6.00 PM UNTIL THE COMPLETION OF THIS REDUCED MINIMUM NUMBER OF OVERS, **BUT IF INTERRUPTED AT OR AFTER THAT TIME, PLAY SHALL NOT BE RESUMED ON THAT DAY.**
- (B) IF THE SIDE BATTING FIRST IS NOT DISMISSED, IT WILL BE ENTITLED TO RECEIVE EITHER THE BALANCE OF THEIR ENTITLEMENT OVERS ON DAY TWO OR THE LOWER OF THE ENTITLEMENT OVERS OR AS CALCULATED PER THE CALCULATOR TABLE UNDER P.R.16.26, ALLOWING FOR A MAXIMUM **ADDITIONAL BATTING TIME OF 60 MINUTES ON DAY TWO** (HOURS OF PLAY TO BE ADJUSTED IN ACCORDANCE WITH P.R.16.1).

## TWO-DAY GAMES (QUIZ)



### **UMPIRES-WHAT'S YOUR DECISION- NO. 2**

- PLAY COMMENCES ON TIME DAY 1-ELSTERNWICK BATTING - BRIGHTON BOWLING
- TEA TAKEN AT 3.32PM (38 SLOW OVERS BOWLED) AND AT 3.45PM HEAVY RAIN STARTS SUDDENLY-COVERS ARE PUT ON IMMEDIATELY.
- BY 4.15PM RAIN EASES COVERS ARE REMOVED (CAREFULLY!) AND UMPIRES INSPECT, AND AT 4.20PM DECIDE TO RECOMMENCE PLAY AT 4.30PM. ELSTERNWICK TO RECOMMENCE THEIR 1<sup>ST</sup> INNINGS.

### **WHAT'S YOUR DECISION?:**

WHAT TIME(S) AND OVERS ARE REQUIRED FOR THE REMAINDER OF THE MATCH-

**FOR DAY 1,** AND **FOR DAY 2.**



# TWO DAY MATCHES (CONT'D)



16.26		TWO- DAY GAMES				CALCULATOR TABLE			
Mins.	Overs	Mins.	Overs	Mins.	Overs	Mins.	Overs		
1- 4	1	89-91	26	176-179	51	264-266	76		
5-7	2	92-95	27	180-182	52	267-270	77		
8-11	3	96-98	28	183-186	53	271-273	78		
12-14	4	99-102	29	187-189	54	274-277	79		
15-18	5	103-105	30	190-193	55	278-280	80		
19-21	6	106-109	31	194-196	56	281-284	81		
22-25	7	110-112	32	197-200	57	285-287	82		
26-28	8	113-116	33	201-203	58	288-291	83		
29-32	9	117-119	34	204-207	59	292-294	84		
33-35	10	120-123	35	208-210	60	295-298	85		
36-39	11	124-126	36	211-214	61	299-301	86		
40-42	12	127-130	37	215-217	62	302-305	87		
43-46	13	131-133	38	218-221	63	306-308	88		
47-49	14	134-137	39	222-224	64	309-312	89		
50-53	15	138-140	40	225-228	65	313-315	90		
54-56	16	141-144	41	229-231	66	316-319	91		
57-60	17	145-147	42	232-235	67	320-322	92		
61-63	18	148-151	43	236-238	68	323-326	93		
64-67	19	152-154	44	239-242	69	327-329	94		
68-70	20	155-158	45	243-245	70	330-333	95		
71-74	21	159-161	46	246-249	71	334-336	96		
75-77	22	162-165	47	250-252	72	337-340	97		
78-81	23	166-168	48	253-256	73	341-343	98		
82-84	24	169-172	49	257-259	74	344-347	99		

## TWO-DAY GAMES (QUIZ 2 ANSWERS)



### DAY 1

- **38 OVERS COMPLETED** BEFORE INTERRUPTION,
- 4.30PM TO 6.10PM = 100 MINUTES PLAY = **29 OVERS REMAIN** ON DAY 1
- DAY 1 FINISHES AT ABOUT 6.10PM WITH **67 OVERS** COMPLETED-NO FURTHER INTERRUPTIONS

### • DAY 2

- PLAY SCHEDULED FOR 12.30PM UNTIL 6.40PM
- ELSTERNWICK CONTINUE BATTING AND **FURTHER 13 OVERS COMPLETED** AT 1.15PM.
- BRIGHTON COMMENCE BATTING AT 1.25PM -80 OVERS TO BE BOWLED AND TEA TAKEN AT NORMAL TIME-PLAYING TIME EXTENDED TO 6.40PM OR BEYOND TO ENABLE COMPLETION 80 OVERS (UNLESS BRIGHTON ARE DISMISSED PRIOR) 😊

## TWO DAY MATCHES (CONT'D)



- **16.3**

IF PLAYING TIME, **NOT EXCEEDING 60 MINUTES IN THE AGGREGATE**, IS LOST, THEN:

### **INNINGS OF THE SIDE BATTING SECOND ON DAY 1 AND/OR DAY 2**

- (C) FROM THE SCHEDULED COMMENCEMENT TIME AND/OR DURING THE INNINGS OF THE SIDE BATTING SECOND - THEN THE MATCH SHALL CONTINUE UNTIL THE REDUCED MINIMUM NUMBER OF OVERS REQUIRED TO BE BOWLED ARE COMPLETED.

#### **DAY 1**

- WHERE THE INNINGS OF THE SIDE BATTING SECOND COMMENCES ON DAY ONE - THEN THE MINIMUM NUMBER OF OVERS REQUIRED TO BE BOWLED FOR THE REMAINDER OF THAT DAY SHALL BE COMMENSURATE WITH THE ACTUAL BATTING TIME, **AS PER THE CALCULATOR TABLE** UNDER P.R.16.26.

#### **DAY 2**

- WHERE THE INNINGS OF THE SIDE BATTING SECOND COMMENCES (OR RESUMES) ON DAY TWO, THEN THE MATCH SHALL CONTINUE **UNTIL THE MINIMUM NUMBER OR ENTITLEMENT NUMBER OF OVERS REQUIRED TO BE BOWLED ON THAT DAY ARE COMPLETED.** PLAY SHALL CONTINUE PAST 6.30PM UNTIL THE COMPLETION OF THE MINIMUM NUMBER OR ENTITLEMENT NUMBER OF OVERS, BUT **IF INTERRUPTED AT OR AFTER THAT TIME, PLAY SHALL NOT BE RESUMED ON THAT DAY.**



- **16.4**

**FOR ALL XI'S**

- IF PLAYING TIME, **EXCEEDING 60 MINUTES IN AGGREGATE**, IS LOST THROUGH STOPPAGES FOR WEATHER OR BAD LIGHT **ON DAY 1**, THEN THE HOURS OF PLAY FOR DAY 2 SHALL BE RE-SCHEDULED TO COMMENCE AT 12.30 PM (1.00 PM FOR 4TH XI) AND, EXCEPT AS PROVIDED HEREAFTER, CEASE AT 6.40 PM (1ST & 2ND XIS), 6.30 PM (3RD XI) AND 7.00 PM (4TH XI).
- (A) FROM THE SCHEDULED COMMENCEMENT TIME, AND/OR DURING THE INNINGS OF THE SIDE WHICH BATS FIRST, AND PRIOR TO 6.10 PM (1ST & 2ND XIS), 6.00 PM (3RD XI) AND 7.00 PM (4TH XI), THE MATCH SHALL CONTINUE ON DAY 2 WITH THE INNINGS OF THE SIDE BATTING FIRST, IF NOT OTHERWISE TERMINATED, COMPULSORILY CLOSED ON THE COMPLETION OF 80 OVERS'
- (B) FROM THE SCHEDULED COMMENCEMENT TIME, AND / OR DURING THE INNINGS OF THE SIDE WHICH BATS SECOND, BY OR AFTER THE SCHEDULED FINISHING TIME, THE MATCH SHALL THEREUPON END, **PROVIDING THE REDUCED TARGET NUMBER OF OVERS HAS BEEN BOWLED**

## TWO-DAY GAMES (QUIZ)

### UMPIRES QUIZ NO. 3

- OVERNIGHT RAIN SEEPS UNDER THE COVERS AT MELTON DELAYING THE START OF PLAY ON DAY 1 – EVENTUALLY UMPIRES & CAPTAINS ARE HAPPY WITH IMPROVED CONDITIONS AND PLAY COMMENCES AT 1.50PM- ALTONA ARE BATTING.
- AT 3.05PM THERE IS A FURTHER INTERRUPTION TO PLAY (**22 OVERS COMPLETED**) DUE TO A HEAVY PASSING SHOWER AND PLAY RESUMES AGAIN AT 3.55PM. ALTONA CONTINUE THEIR 1<sup>ST</sup> INNINGS AND ARE **EVENTUALLY DISMISSED AT 5.57PM IN THE 56TH OVER.** **WEATHER CONDITIONS AT 5.57PM ARE FINE**

### WHAT'S YOUR DECISION?:

WHAT TIME(S) AND REVISED OVERS WERE REQUIRED DURING DAY 1 AND FOR THE REMAINDER OF THE REMAINDER OF THE MATCH

FOR DAY 1, AND FOR DAY 2.

## TWO-DAY GAMES (QUIZ 3 ANSWERS)



### DAY 1

- 50 MINUTES LOST AT START SO REVISED ABT IS 230 MINUTES = 66 OVERS REMAIN ON DAY 1.
- FOLLOWING SECOND INTERRUPTION AT 3.05PM TEA WAS IMMEDIATELY TAKEN UNTIL 3.35PM. ON RESUMPTION OF PLAY AT 3.55PM THE REVISED 135 MINUTES = **MINIMUM 39 OVERS REMAINED ON DAY 1.**
- AS ALTONA WERE DISMISSED ON DAY 1 (AFTER ONLY 56 OVERS) AT 5.57PM, LESS THAN 15 MINUTES REMAINED IN SCHEDULED TIME SO MELTON EXERCISED THEIR OPTION **NOT** TO COMMENCE THEIR INNINGS UNTIL DAY 2, (UNDER RULE 16.7.1) I.E. WITHIN 15 MINUTES OF SCHEDULED END OF PLAY.
- DAY 2
- PLAY SCHEDULED FOR REVISED TIME (12.30PM TO 6.40PM) AS MORE THAN 60 MINUTES OF PLAY WAS LOST ON DAY 1.
- MELTON TO COMMENCE BATTING **FOR MINIMUM 80 OVERS FOR DAY 2 OR 6.40PM.**

# ONE-DAY GAMES



## **RULE 17: ONE-DAY GAMES (ALL XIS)**

- 17.1 HOURS OF PLAY AND INTERVAL
- 17.1.1 START OF PLAY -COMMENCE 12.30 PM (1.00 PM FOR 4TH XI ONLY)
- 17.1.2 INTERVAL: TIME AND LENGTH
- (A) IF NO SCHEDULED PLAYING TIME IS LOST, AN INTERVAL OF 30 MINUTES (1ST & 2ND XIS) AND 20 MINUTES (3RD & 4TH XIS) SHALL BE TAKEN AT THE END OF THE INNINGS OF THE SIDE BATTING FIRST (I.E. AFTERNOON TEA BREAK)
- (B) **IF 60 MINUTES OR MORE IS LOST,** THE INTERVAL SHALL BE REDUCED TO 20 MINUTES (1ST & 2ND XIS) AND 10 MINUTES (3RD & 4TH XIS).



## **17.2 FIRST BATTING SIDE: COMPULSORY CLOSURE OVERS**

### 17.2.1 UNINTERRUPTED INNINGS

IF NOT DELAYED, INTERRUPTED NOR EARLIER TERMINATED, THE INNINGS OF THE SIDE BATTING FIRST SHALL BE COMPULSORILY CLOSED ON COMPLETION OF 45 OVERS (40 OVERS FOR 4TH XI ONLY) (DAYLIGHT SAVING TIME) BASED ON ANTICIPATED BATTING TIMES OF 170 MINUTES AND 155 MINUTES RESPECTIVELY.



## ONE-DAY GAMES



### 17.2.2 DELAYED OR INTERRUPTED INNINGS

(A) **IF TIME IS LOST DURING THE FIRST BATTING SIDE'S INNINGS** THE RELEVANT ANTICIPATED BATTING TIME IN P.R.17.2.1 SHALL BE REDUCED BY ONE-HALF OF THE DIFFERENCE BETWEEN THE AGGREGATE TIME LOST AND THE TIME BY WHICH THE INTERVAL IS TO BE REDUCED.

(B) THE OVERS FOR COMPULSORY CLOSURE SHALL THEN BE ADJUSTED TO THE NUMBER LISTED IN THE CALCULATION TABLE IN P.R.17.12 IN RESPECT OF THE REDUCED ANTICIPATED BATTING TIME.

**\*EXAMPLE 1** – MATCH COMMENCES 12.30 PM -1ST BATTING TEAM FACES 15 OVERS BEFORE RAIN INTERRUPTS AT 1.18PM. PLAY READY TO RESUME AT 2.10PM. (52 MINUTES LOST)=26 MIN PER TEAM= 7 OVERS. **REVISED MIN OVERS IS 38 PER TEAM.**

## ONE-DAY GAMES



**(C) IF THE OVERS ALREADY BOWLED EQUAL OR EXCEED THE REDUCED NUMBER AS IN (B), THEN COMPULSORY CLOSURE SHALL OCCUR IMMEDIATELY**

**EXAMPLE 2-MATCH** COMMENCES AT 12.30PM. 1ST BATTING TEAM FACES 36 OVERS BEFORE RAIN INTERRUPTS AT 2.35PM. STEADY RAIN CONTINUES, A REDUCED TEA BREAK IS TAKEN AT 3.00PM, AND AT 5.00PM UMPIRES ARE HAPPY FOR PLAY TO RESUME AT 5.15 PM

**REVISED TIMES/OVERS-SCHEDULED DAYS PLAY=370 MINS – 20 MIN REDUCED TEA BREAK= 350 MINS – LOST TIME 140 MINS =210 TOTAL FOR DAY HALF REMAINING = 105 MINUTES EACH = 28 OVERS. AS TEAM 1 HAS ALREADY HAD 36 OVERS ITS INNINGS IS CLOSED AND TEAM 2 COMMENCE WITH 28 OVERS ALLOCATED.**

THE SCORES SHALL RECORD OVER SCORES ON OVER CALCULATION SHEET TO ENABLE A RESULT BASED ON 28 COMPLETED OVERS USING FORMULA IN 17.5.4(A).

### **17.2.3 OVER REDUCTION LIMIT -MATCH ABANDONED**

IF THE AGGREGATE OF LOST TIME DURING THE FIRST BATTING SIDES INNINGS REDUCES THE NUMBER OF OVERS FOR THAT INNINGS **TO LESS THAN 25 COMPLETED OVERS, THE MATCH SHALL BE ABANDONED.**



- **17.3 SECOND BATTING SIDE: OVERS ENTITLEMENT**
- **17.3.1 NO INTERRUPTIONS TO INNINGS**

THE OVERS FOR THE SECOND SIDE'S INNINGS SHALL BE:

(A) THE NUMBER, INCLUDING ANY PART OVER, BOWLED AT THE TIME OF COMPULSORY CLOSURE OF THE OTHER SIDE'S INNINGS OR

(B) THE NUMBER SET FOR COMPULSORY CLOSURE OF THE OTHER SIDE'S INNINGS SHOULD THAT INNINGS HAVE BEEN TERMINATED OTHER THAN BY COMPULSION.

## ONE-DAY GAMES



- **17.3.2 INTERRUPTED INNINGS**

**(A)** IF THE INNINGS OF THE SECOND SIDE IS DELAYED OR INTERRUPTED ITS ENTITLEMENT SHALL NOT BE REDUCED UNLESS THE NUMBER OF OVERS FOR AN ANTICIPATED BATTING TIME FROM THE ACTUAL START OF THE INNINGS TO 6.40 PM (1ST & 2ND XIS) AND 6.30 PM (3RD & 4TH XIS) IN DAYLIGHT SAVING TIME IS LESS THAN THE ENTITLEMENT UNDER P.R.17.3.1. THEN THE LESSER NUMBER, EVEN IF LESS THAN 25 OVERS, SHALL THEN BECOME THE SECOND SIDE'S MAXIMUM ENTITLEMENT.

**(B)** IF PLAY CEASES IN ACCORDANCE WITH P.R.17.3.3. (E) THE OVERS ALREADY BOWLED TO THE SECOND SIDE SHALL BE ITS ENTITLEMENT FOR THE PURPOSES OF THIS RULE.



## **17.3.3 ENDING OF SECOND SIDE'S INNINGS AND MATCH**

- PLAY SHALL CEASE IMMEDIATELY ONE OF THE FOLLOWING CIRCUMSTANCES APPLIES IF:
  - (A) THE SCORE OF THE OPPOSITE SIDE IS PASSED.
  - (B) THE REQUIREMENT OF OVERS UNDER P.R.17.3 IS COMPLETED.
  - (C) THE INNINGS ENDS BEFORE COMPLETION OF ITS REQUIRED OVERS
  - (D) THE NUMBER OF OVERS IN (B) IS LESS THAN 25, AND BOTH CAPTAINS AGREE THAT A POINT RESULT IS NO LONGER POSSIBLE.
  - (E) THE PLAYERS ARE OFF THE FIELD AT OR LEAVE AFTER 6.40 PM (1ST & 2ND XIS) AND 6.30PM (3RD & 4TH XIS), THEN THE OVERS ALREADY BOWLED TO THE SECOND SIDE SHALL BE ITS ENTITLEMENT FOR THE PURPOSES OF THIS RULE, AND OVER RECORD SHEET IS AGAIN USED TO DETERMINE THE WINNING TEAM.

THE END



- **TURF CRICKET IS, BY ITS NATURE, VERY SUSCEPTIBLE TO THE WEATHER.**

IN THIS PRESENTATION WE HAVE ENDEAVORED TO COVER THE BASIC PRINCIPLES OF VSDCA RULES WHEN WEATHER INTERRUPTIONS OCCUR.

HOWEVER, THERE ARE MANY MANY DIFFERENT SCENARIOS WHEN THIS CAN HAPPEN, AND WE URGE ALL UMPIRES TO REGULARLY READ THE VARIOUS RULES IN THE HANDBOOK (PERHAPS DURING THOSE 'BORING' PERIODS IN THE BOXING DAY TEST WHEN KHOLI IS BELTING THE AUSSIE BOWLERS AROUND!!)

THANK YOU FOR YOUR CONTRIBUTIONS AND ATTENTION....

**GOOD UMPIRING**