AUSSI

MASTERS SWIMMING IN AUSTRALIA

MALE TOP TEN

1998

1998 AUSSI NATIONAL TOP TEN

JANUARY 1 to DECEMBER 31

FORWARD

It is a pleasure to be able to present to the members of AUSSI the National Individual Top Ten Results. Approximately 25,740 long course and 22,180 short course times were submitted by the branches. This is an increase of twenty percent compared to 1997.

Congratulations to all swimmers who achieved a place in this listing and well done to those that established new "Best Ever" times.

Considerable personal effort has been made by the branch recorders to submit aerobic and competition times. The following top ten recorders were responsible for their branch submissions :-

ACT	Helen Mackerras
NSW	Brett Larkin
NT	Geoff Byfield
QLD	Morna Mason
SA	Bill Edwards
TAS	Pauline Samson
VIC	Kate Greenway
WA	Maxine Fitzpatrick

Darryl Hawkes
National Recorder
February 1999

1998 NATIONAL TOP TEN

CLUB CODES

ACN	CANBERRA NORTH AUSSI
ATN	TUGGERANONG AUSSI
CAS	ALICE AUSSI
CDW	DARWIN STINGERS
NAF	ASHFIELD MASTERS
NBT	BLACKTOWN BEAVERS AUSSI
NCB	CARINGBAH AUSSI
NCF	COALFIELDS AUSSI MASTERS
NCH	COFFS HARBOUR AUSSI
NCR	COOGEE-RANDWICK MASTERS
NCS	CRONULLA SUTHERLAND AUSSI
NCT	CAMPBELLTOWN AUSSI
NDB	DUBBO MASTERS
NET	ETTALONG PELICANS AUSSI
NGF	GUILDFORD AUSSI
NGI	GRIFFITH INDOOR MASTERS
NGL	GREAT LAKES MASTERS
NGR	GRAFTON GROPERS AUSSI
NGS	GOSFORD AUSSI
NGU	GUNNEDAH AUSSI MASTERS
NHB	HAWKESBURY KINGFISHERS
NHL	HILLS AUSSI MASTERS
NHN	HUNTER AUSSI
NHS	HORNSBY MASTERS
NIV	INVERELL ADULT SWIMMING
NJB	JINDABYNE MASTERS
NKT	KATOOMBA AUSSI
NLC	LANE COVE MASTERS
NLP	LIVERPOOL AUSSI
NLS	LEISURE COAST AUSSI
NMF	MACQUARIE FIELDS AUSSI
NML	MANLY AUSSI
NNB	NORTHERN BEACHES
NNC	NOVACASTRIAN AUSSI
NNS	NORTH SYDNEY AUSSI
NOF	OAK FLATS AUSSI
NPM	PORT AQUATIC AUSSI MASTERS
NRI	RIPPLES AUSSI
NRT	RAYMOND TERRACE AUSSI
NRY	RYDE AUSSI MASTERS
NSA	SANBERN/AQUADOT
NSG	ST. GEORGE MASTERS
NSH	SHOALHAVEN SEAHAWKS AUSSI
NSI	SINGLETON SINKERS AUSSI
NSP	SEASIDE PIRATES
NSW	SWANSEA AUSSI
NTM	TAMWORTH AUSSI MASTERS
NTR	TRINITY AUSSI
NVP	VICTORIA PARK MASTERS
NWC	WAGGA CROWS MASTERS
NWG	WARRINGAH MASTERS
NWL	WOLLONGONG AUSSI MASTERS
NWO	WETT ONES
NWS	WESTERN SUBURBS AUSSI
QAJ	AQUA JETS
QAT	ATHERTON MOUNTAINEERS
QBB	RUM CITY AUSSI
QBC	BUDERIM BUCCANEERS
QBN	BRISBANE NORTHSIDE
QBW	BLACKWATER STONEFISH
QCD	CABOOLTURE & DISTRICT
QCN	CAIRNS MUDCRABS
QCO	COOLOOLA AUSSI
QCW	CARDWELL FLOUNDERS
QDU	DUCK CREEK MOUNTAIN
QEM	EMERALD EELS
QEP	EMU PARK AUSSI
QFH	FERNY HILLS MASTERS
QGC	GOLD COAST MASTERS
QGM	GRACEMERE MASTERS
QGS	GLADSTONE GROPERS
QHA	HIGHFIELD AUSSI
QHB	HERVEY BAY AUSSI
QID	ISIS AUSSI MASTERS
QIF	INNISFAIL MASTERS STINGERS
QIP	IPSWICH CITY MASTERS
QIS	NORTHWEST UNITED SHARX
QJJ	JINDALEE JACKS MASTERS
QKK	TOWNSVILLE AQUATIC CODS
QLG	LOGAN AQUATIC MASTERS
QMA	BARON RIVER RATS
QMB	MARYBOROUGH MASTERS
QMK	MACKAY MASTER SWIMMERS
QML	MEMORIAL MASTERS
QMM	MIAMI MASTERS
QMO	MORANBAH MASTERS
QMU	MULLUMBIMBY AUSSI MASTERS
QNS	NORTH MACKAY SINKERS
QPB	PALM BEACH CURRUMBIN
QPL	PAC LAWNTON AUSSI
QPN	PENINSULAR MASTERS
QPP	POSITIVE PERFORMANCE AUSSI
QPR	PINE RIVERS MASTERS
QRC	RIVERCITY MASTERS
QRH	ROCKY CROCS AUSSI
QRT	RATS OF TOBRUK
QSC	SUNSHINE COAST MASTERS
QSF	SAMFORD MASTERS
QSM	BRISBANE SOUTHSIDE MASTERS
QSP	SPLASH AQUATIC MASTERS
QTS	TOWERS TORPEDOES MASTERS
QTT	TWIN TOWNS SERVICES
QTV	TOWNSVILLE MASTERS
QTW	TOOWOOMBA AUSSI MASTERS
QUW	UNI WAHOOS MASTERS
QVG	CLAYFIELD MASTERS
QWS	BRISBANE WESTSIDE MASTERS
QWY	WHITSUNDAY MASTERS
QYN	YEPPOON MASTERS
QYP	YERONGA PARK YABBIES AUSSI

1998 NATIONAL TOP TEN

CLUB CODES

SAM	ADELAIDE MASTERS
SAO	AQUADOME OTTERS
SAT	ATLANTIS AUSSI
SHG	HENLEY & GRANGE
SMR	MARION MARLINS
SNO	NOARLUNGA MASTERS
STT	T.T.G. KINGFISHERS
SWD	WESTERN DISTRICTS
TAC	TATTERSALL'S AUSSI MASTERS
TBU	BURNIE AUSSI MASTERS
TDP	DEVONPORT DEVILS
THB	HOBART AUSSI MASTERS
TLC	LAUNCESTON AUSSI MASTERS
TNN	NEW NORTHFOLK WHALES
TSB	SANDY BAY MASTERS
TTL	TALAYS AUSSI MASTERS
VAB	AQUABEAR MASTERS
VAL	WESTERN ALLIGATORS
VBA	BAIRNSDALE MAKO MASTERS
VBC	BOROUGHCOUTAS MASTERS
VBD	BADDAGINNIE AUSSI
VBG	BENDIGO BREAKERS
VBL	BALLARAT BEAVERS
VBM	BORDER MASTERS
VBR	BALRANALD MASTERS
VBS	BASS COAST MASTERS
VCL	COLAC AUSSI
VDC	DONCASTER DOLPHINS
VDO	DANDENONG OASIS
VDV	DIAMOND VALLEY
VFM	FOOTSCRAY MASTERS
VFR	FRANKSTON PENINSULA
VFZ	FITZROY SEA LIONS
VGL	GEELONG CATFISH
VGP	GIPPSLAND FLIPPERS
VGV	GOULBURN VALLEY CROCS
VHC	HOOPERS CROSSING MASTERS
VHH	HAWTHORN AQUAHAWKS
VHM	HEIDELBERG FLYERS
VKC	KILMORE COUNTRY MASTERS
VKF	KINGFISH MASTERS
VKM	KEW MASTERS
VKS	KINGSTON SEAWOLVES
VKX	KNOX NOAHS
VMM	MAROONDAH MASTERS
VMO	MELBOURNE OLYMPIC
VMV	MALVERN MARLINS
VNA	NUNAWADING ORCAS
VNC	NORTHCOTE YABBIES
VNH	NORTHERN MASTERS
VNL	NORTH LODGE NEPTUNES
VPD	PARKDALE PORPOISES'
VPL	PORTLAND MASTERS
VPP	POWERPOINTS
VRB	ROSEBUD MASTERS
VRM	RICHMOND ROUGHTRADERS
VRW	RINGWOOD WATER RATS
VSA	SALE SADASTS
VSN	STINGRAY AUSSI
VSP	SURREY PARK SEAHORSES
VSS	SYNDAL SHARKS
VWB	WARRNAMBOOL WHALES
VYR	YARRA ROUGHIES
WAB	ALBANY AUSSI
WAM	ARMADALE AUSSI
WBB	BUNBURY AUSSI
WBM	BELMONT AUSSI
WBY	BAYSWATER AUSSI
WCB	CAMBRIDGE AUSSI
WCM	CLAREMONT AUSSI
WCR	CARINE AUSSI
WCV	CARNARVON AUSSI
WEP	ESPERANCE AUSSI
WEX	EXMOUTH AUSSI
WFR	FREMANTLE AUSSI
WGO	GOSNELLS MASTERS
WGS	GUILDFORD SWANS AUSSI
WGT	GERALDTON AUSSI
WIW	INGLEWOOD AUSSI
WKR	KARRATHA AUSSI
WLM	LEEMING AUSSI
WMH	MANDURAH MANNAS
WMJ	MANJIMUP AUSSI
WML	MELVILLE AUSSI
WMR	MARGARET RIVER
WMV	MAIDA VALE AUSSI
WNC	NEWMAN CHURCHLANDS
WOP	OSBORNE PARK AUSSI
WPC	PERTH CITY AUSSI
WRK	ROCKINGHAM AUSSI
WRO	ROEBOURNE REMORA'S AUSSI
WSM	SOMERSET AUSSI
WSS	SPEARWOOD STINGRAYS
WSU	STADIUM SNAPPERS
WSW	SWAN VALLEY MUSCATS
WWC	WESTCOAST MASTERS
WWF	WHITFORDS AUSSI
WWK	WICKHAM AUSSI
WYK	YORK AUSSI

1998 NATIONAL TOP TEN - MALE SHORT COURSE

20-24 50m Freestyle

Best TT	Angus WADDELL		QNM	24.59
1	A. PHILLIPS	21	NHN	26.03
2	Trent PATTEN	21	QYP	26.51
3	Jamie SMITH	20	NET	26.55
4	Edward DITTEL	24	NET	26.72
5	Sam CARROLL	20	QGC	26.84
6	Oliver WILKINSON	23	SAT	27.04
7	Wade ISARD	23	WMV	27.05
8	Peter DITTEL	20	NET	27.52
9	Bernard TAURANY	23	NRY	27.80
10	Dougal HARRIS	22	WSM	27.87

20-24 100m Freestyle

Best TT	Robert MACKAY		SWD	54.02
1	Trent PATTEN	21	QYP	58.54
2	Edward DITTEL	24	NET	59.38
3	Dougal HARRIS	22	WSM	1m00.56
4	Richard GLOVER	22	NNS	1m04.31
5	Tom BOYD	22	NNS	1m06.37
6	Oliver WILKINSON	23	SAT	1m07.99
7	Trent KEENAN	23	QGS	1m08.34
8	Ryan O'HALLORAN	23	QBB	1m13.86
9	Kazuhiko TAKENAKA	23	WPC	1m30.50
10	Stephen BRADBURY	21	QRH	1m33.84

20-24 200m Freestyle

Best TT	David SHEPHARD		NBX	2m00.00
1	Oliver WILKINSON	23	SAT	2m22.99
2	Trent PATTEN	21	QYP	2m28.01
3	Wade ISARD	23	WMV	2m35.63
4	Leslie MORTLOCK	21	NCR	2m36.89
5	Rajesh BHARDWAJ	24	NWS	3m57.94

20-24 400m Freestyle

Best TT	Robert MACKAY		SWD	4m20.27
1	A. PHILLIPS	21	NHN	4m40.80
2	Oliver WILKINSON	23	SAT	4m54.99
3	Edward DITTEL	24	NET	5m11.43
4	Jamie SMITH	20	NET	5m18.77
5	Todd GRAY	24	QAJ	5m35.57
6	Andrew BOWERMAN	24	TLC	6m07.49
7	Timothy PIPER	24	TLC	6m13.44
8	Peter DITTEL	20	NET	6m17.50
9	Kevin DONNELLY	23	WWF	7m49.06
10	Peter DRURY	21	NSH	9m07.36

20-24 800m Freestyle

Best TT	Oliver WILKINSON		SAT	8m47.99
1	Oliver WILKINSON	23	SAT	8m47.99
2	Andrew BOWERMAN	24	TLC	13m03.18

20-24 1500m Freestyle

Best TT	A. PHILLIPS		NHN	18m23.82
1	A. PHILLIPS	21	NHN	18m23.82
2	Oliver WILKINSON	23	SAT	19m23.64
3	Todd GRAY	24	QAJ	24m30.49
4	Andrew BOWERMAN	24	TLC	25m34.67

20-24 3000m Freestyle

Best TT	Scott MARKICH		NHL	37m35.04

20-24 5000m Freestyle

Best TT	M. PHILLIPS		QTW	62m29.23

20-24 30MIN Freestyle

Best TT	Andrew WHITTON		NGF	2225m
1	Andrew BOWERMAN	24	TLC	1675m

20-24 45MIN Freestyle

Best TT	Joseph WALKER		NHN	3200m

20-24 60MIN Freestyle

Best TT	Scott MARKICH		NHL	4750m

20-24 50m Backstroke

Best TT	Scott MARKICH		NHL	28.69
1	A. PHILLIPS	21	NHN	29.63
2	Cameron HUME	21	VYR	32.19
3	Edward DITTEL	24	NET	32.75
4	John WOOLFORD	22	NRY	32.97
5	Sam CARROLL	20	QGC	33.08
6	Trent PATTEN	21	QYP	33.83
7	Jamie SMITH	20	NET	34.91
8	Leslie MORTLOCK	21	NCR	35.02
9	Peter DITTEL	20	NET	35.44
10	Ryan O'HALLORAN	23	QBB	39.94

20-24 100m Backstroke

Best TT	Scott MARKICH		NHL	1m01.20
1	Leslie MORTLOCK	21	NCR	1m17.49

20-24 200m Backstroke

Best TT	Scott MARKICH		NHL	2m14.16
1	Leslie MORTLOCK	21	NCR	2m51.58

20-24 400m Backstroke

Best TT	A. PHILLIPS		NHN	4m54.34
1	A. PHILLIPS	21	NHN	4m54.34
2	John WOOLFORD	22	NRY	5m31.73
3	Peter DRURY	21	NSH	12m10.60

20-24 800m Backstroke

Best TT	Scott MARKICH		NHL	10m56.41
1	John WOOLFORD	22	NRY	11m50.00
2	Todd GRAY	24	QAJ	13m44.57

20-24 1500m Backstroke

Best TT	Scott MARKICH		NHL	20m53.09
1	John WOOLFORD	22	NRY	22m46.82
2	Todd GRAY	24	QAJ	25m47.38

20-24 60MIN Backstroke

Best TT	Anthony PECK		WSS	3400m

20-24 50m Breaststroke

Best TT	Anthony DUNNE		SAM	32.42
1	Bernard TAURANY	23	NRY	32.69
2	Sam CARROLL	20	QGC	35.48
3	Jamie SMITH	20	NET	35.75
4	Edward DITTEL	24	NET	36.23
5	Cameron HUME	21	VYR	36.39
6	Richard GLOVER	22	NNS	37.30
7	Peter DITTEL	20	NET	37.44

1998 NATIONAL TOP TEN - MALE SHORT COURSE

20-24 50m Breaststroke Continued

8	Todd GRAY	24	QAJ	38.25
9	Ryan O'HALLORAN	23	QBB	41.20
10	Kazuhiko TAKENAKA	23	WPC	44.50

20-24 100m Breaststroke

Best TT	Paul LEMMON		NET	1m10.80
1	Cameron HUME	21	VYR	1m17.29
2	Bernard TAURANY	23	NRY	1m17.36
3	Todd GRAY	24	QAJ	1m18.58
4	Richard GLOVER	22	NNS	1m22.07
5	Leslie MORTLOCK	21	NCR	1m28.27
6	Stephen BRADBURY	21	QRH	1m50.81

20-24 200m Breaststroke

Best TT	R. ARMSTRONG		NGS	2m29.35
1	Todd GRAY	24	QAJ	2m57.63

20-24 400m Breaststroke

Best TT	Anthony WEST		QTW	6m02.09
1	Todd GRAY	24	QAJ	6m26.83
2	Andrew BOWERMAN	24	TLC	8m28.30
3	Kevin DONNELLY	23	WWF	10m13.95
4	Peter DRURY	21	NSH	12m07.25

20-24 800m Breaststroke

Best TT	Ben GIFFORD		VPP	13m14.61
1	Todd GRAY	24	QAJ	13m30.11

20-24 1500m Breaststroke

Best TT	Joseph WALKER		NHN	26m26.40

20-24 30MIN Breaststroke

Best TT	Todd GRAY		QAJ	1750m
1	Todd GRAY	24	QAJ	1750m

20-24 60MIN Breaststroke

Best TT	Anthony PECK		WSS	2950m

20-24 50m Butterfly

Best TT	Scott MARKICH		NHL	27.50
1	Oliver WILKINSON	23	SAT	28.32
2	Sam CARROLL	20	QGC	28.88
3	Edward DITTEL	24	NET	29.50
4	Jamie SMITH	20	NET	29.52
5	Cameron HUME	21	VYR	29.53
6	Dougal HARRIS	22	WSM	30.22
7	John WOOLFORD	22	NRY	31.09
8	Peter DITTEL	20	NET	31.67
9	Leslie MORTLOCK	21	NCR	33.16
10	Wade ISARD	23	WMV	33.41

20-24 100m Butterfly

Best TT	Scott MARKICH		NHL	1m00.55
1	Oliver WILKINSON	23	SAT	1m05.04

20-24 200m Butterfly

Best TT	Scott MARKICH		NHL	2m19.16

20-24 400m Butterfly

Best TT	Joseph WALKER		NHN	5m19.23
1	Todd GRAY	24	QAJ	7m15.92

20-24 800m Butterfly

Best TT	Adam PARKER		WSS	7m23.73

20-24 100m Ind. Medley

Best TT	Scott MARKICH		NHL	1m02.58
1	Sam CARROLL	20	QGC	1m08.10
2	A. PHILLIPS	21	NHN	1m09.55
3	Dougal HARRIS	22	WSM	1m11.28
4	Bernard TAURANY	23	NRY	1m12.64
5	Leslie MORTLOCK	21	NCR	1m15.43
6	Stephen KING	23	QGS	1m18.85
7	Trent KEENAN	23	QGS	1m19.70
8	Andrew BOWERMAN	24	TLC	1m40.99

20-24 200m Ind. Medley

Best TT	Scott MARKICH		NHL	2m19.00
1	Cameron HUME	21	VYR	2m32.32
2	Edward DITTEL	24	NET	2m56.58
3	Andrew BOWERMAN	24	TLC	3m35.88

20-24 400m Ind. Medley

Best TT	Scott MARKICH		NHL	4m56.43

20-24 800m Ind. Medley

Best TT	Scott MARKICH		NHL	11m34.43

****
*****
**

1998 NATIONAL TOP TEN - MALE SHORT COURSE

25-29 50m Freestyle

Best TT	Guy FARROW		VMV	24.08
1	Blair MCQUADE	27	NWG	25.08
2	R. EDWARDS	28	QTW	25.47
3	Matthew WRIGHT	29	QPN	26.11
4	H. VAN DE WATER	28	VNL	26.98
5	Darryl HARRIS	27	NOF	27.22
6	Greg RUSSELL	29	NNS	27.32
7	Michael GALDAL	27	QGS	27.46
8	Peter PHELAN	25	VPP	27.48
9	Peter BROWN	25	NNC	27.58
10	Timothy YATES	25	SAT	27.79

25-29 100m Freestyle

Best TT	Mark MORGAN		NWG	52.45
1	R. EDWARDS	28	QTW	56.68
2	Darryl HARRIS	27	NOF	59.00
3	Henry GOODEN	25	SAM	1m00.24
4	Greg RUSSELL	29	NNS	1m00.93
5	H. VAN DE WATER	28	VNL	1m01.96
6	Timothy YATES	25	SAT	1m01.97
7	Ed EGAN	27	NNS	1m03.46
8	Peter BROWN	25	NNC	1m03.54
9	Matthew PITTWOOD	26	SAM	1m03.60
10	Jason LINAKER	28	WBB	1m03.75

25-29 200m Freestyle

Best TT	Mark MORGAN		NWG	1m55.33
1	Blair MCQUADE	27	NWG	2m08.52
2	R. EDWARDS	28	QTW	2m08.57
3	Henry GOODEN	25	SAM	2m12.31
4	Ed EGAN	27	NNS	2m19.92
5	Peter PHELAN	25	VPP	2m21.31
6	Simon LILLIS	26	NWO	2m24.53
7	Jason LINAKER	28	WBB	2m26.09
8	Richard HUBER	26	WRK	2m28.56
9	Mark CHAMBERS	29	QPN	2m29.57
10	Peter LUGER	28	WFR	2m30.54

25-29 400m Freestyle

Best TT	Brent WALKER		THB	4m15.05
1	Cameron ROBERTS	26	NNC	4m46.24
2	Jeremy ROTHFIELD	27	VYR	4m54.01
3	Simon ELLINGSEN	29	TTL	4m59.64
4	Joseph WALKER	27	NHN	5m18.65
5	Jason LINAKER	28	WBB	5m18.82
6	Craig ALLATT	26	ACN	5m22.50
7	David MCLEAN	27	NWS	5m23.15
8	Mark CHAMBERS	29	QPN	5m23.73
9	Darren WHETTON	29	VSP	5m24.31
10	Martin DRAIN	28	NTM	5m24.72

25-29 800m Freestyle

Best TT	Mark SMEDLEY		STT	9m26.73
1	R. EDWARDS	28	QTW	9m47.35
2	Jeremy ROTHFIELD	27	VYR	10m00.68
3	Craig ALLATT	26	ACN	11m07.75
4	Darren WHETTON	29	VSP	11m25.94
5	Jason LINAKER	28	WBB	11m35.33
6	Glen CAMPBELL	26	TLC	11m52.21
7	C. CHAPMAN	26	ACN	12m27.49
8	David MCLEAN	27	NWS	12m42.86

25-29 800m Freestyle Continued

9	Rob CICERO	28	VSP	13m22.00
10	Guy WINDEBANK	26	TLC	15m44.03

25-29 1500m Freestyle

Best TT	R. EDWARDS		QTW	18m30.39
1	R. EDWARDS	28	QTW	18m30.39
2	Darren WHETTON	29	VSP	20m45.12
3	Simon ELLINGSEN	29	TTL	21m14.82
4	Craig ALLATT	26	ACN	21m20.92
5	Jason LINAKER	28	WBB	21m49.86
6	Alexei LYSENKO	25	TTL	22m44.54
7	Andrew JONES	25	QMK	23m20.27
8	C. CHAPMAN	26	ACN	23m45.49
9	Rob CICERO	28	VSP	25m00.41

25-29 3000m Freestyle

Best TT	Mathew BROWN		WMV	35m37.90

25-29 5000m Freestyle

Best TT	Steve COOPER		WMV	62m33.53

25-29 30MIN Freestyle

Best TT	Darren WHETTON		VSS	2050m
1	Darren WHETTON	29	VSP	2000m
2	Jason LINAKER	28	WBB	1950m
3	Andrew JONES	25	QMK	1825m
4	R. EDWARDS	28	QTW	1475m

25-29 45MIN Freestyle

Best TT	Scott MARKICH		NHL	2925m
1	Darren WHETTON	29	VSP	2875m

25-29 60MIN Freestyle

Best TT	Sean WEBB		VNL	4675m
1	Darren WHETTON	29	VSP	3750m

25-29 50m Backstroke

Best TT	Brent WALKER		THB	27.70
1	Blair MCQUADE	27	NWG	30.09
2	R. EDWARDS	28	QTW	32.00
3	Matthew WRIGHT	29	QPN	32.13
4	Henry GOODEN	25	SAM	34.00
5	Greg RUSSELL	29	NNS	34.63
6	Darren WHETTON	29	VSP	34.77
7	Danny SOANES	29	WPC	35.25
8	Alex TAURANY	25	NGR	35.66
9	Chris HENDERSON	26	NRY	35.69
10	Nathan CLARENCE	26	NRY	35.94

25-29 100m Backstroke

Best TT	Brent WALKER		THB	1m00.04
1	Blair MCQUADE	27	NWG	1m08.78
2	Scott HARDIE	25	SAM	1m14.17
3	Darren WHETTON	29	VSP	1m15.45
4	Greg RUSSELL	29	NNS	1m18.01
5	Rene HARDENBOL	27	WGO	1m20.70
6	Chris HENDERSON	26	NRY	1m26.18
7	Glen CAMPBELL	26	TLC	1m30.24

1998 NATIONAL TOP TEN - MALE SHORT COURSE

25-29 200m Backstroke

Best TT	Brent WALKER		THB	2m12.31
1	Darren WHETTON	29	VSP	2m43.54
2	Rene HARDENBOL	27	WGO	2m57.48
3	David MCLEAN	27	NWS	3m16.45

25-29 400m Backstroke

Best TT	Scott MARKICH		NHL	4m46.25
1	Darren WHETTON	29	VSP	5m48.15

25-29 800m Backstroke

Best TT	Scott MARKICH		NHL	10m14.62
1	Darren WHETTON	29	VSP	12m06.78

25-29 1500m Backstroke

Best TT	Darren WHETTON		VSP	23m14.60
1	Darren WHETTON	29	VSP	23m14.60

25-29 30MIN Backstroke

Best TT	Darren WHETTON		VSP	1800m
1	Darren WHETTON	29	VSP	1800m

25-29 45MIN Backstroke

Best TT	Darren WHETTON		VSP	2700m
1	Darren WHETTON	29	VSP	2700m

25-29 60MIN Backstroke

Best TT	Darren WHETTON		VSP	3650m
1	Darren WHETTON	29	VSP	3650m

25-29 50m Breaststroke

Best TT	Guy FARROW		VMV	28.81
1	Matthew WRIGHT	29	QPN	30.25
2	Alex TAURANY	25	NGR	32.02
3	R. EDWARDS	28	QTW	32.90
4	Cameron ROBERTS	26	NNC	33.08
5	Daryl BILNEY	26	VBL	33.91
6	Darren WHETTON	29	VSP	34.68
7	Christian LUTZ	25	WSM	35.26
8	Jonathan PUGH	25	TLC	35.65
8	Warren KERR	26	VPP	35.65
10	Shayne DEUTZMAN	25	TLC	36.17

25-29 100m Breaststroke

Best TT	Matthew WRIGHT		QPN	1m05.32
1	Matthew WRIGHT	29	QPN	1m05.32
2	R. EDWARDS	28	QTW	1m14.37
3	Daryl BILNEY	26	VBL	1m16.62
4	Christian LUTZ	25	WSM	1m18.76
5	Warren KERR	26	VPP	1m20.08
6	Keishi ABE	28	NWO	1m23.29
7	Shayne DEUTZMAN	25	TLC	1m23.41
8	David MCLEAN	27	NWS	1m23.59
9	Darren WHETTON	29	VSP	1m23.69
10	Martin DRAIN	28	NTM	1m25.28

25-29 200m Breaststroke

Best TT	Matthew WRIGHT		QPN	2m25.68
1	Matthew WRIGHT	29	QPN	2m25.68
2	Jeremy ROTHFIELD	27	VYR	2m58.91
3	Martin DRAIN	28	NTM	3m00.50
4	C. CHAPMAN	26	ACN	3m10.56

25-29 200m Breaststroke Continued

5	Sean MARKICH	27	NHL	3m11.30
6	Darren WHETTON	29	VSP	3m12.36
7	David MCLEAN	27	NWS	3m16.45
8	Jason LINAKER	28	WBB	3m31.61
9	Adam MOULES	27	VFR	3m34.91
10	Mark J ANDERSON	27	WSU	3m37.45

25-29 400m Breaststroke

Best TT	Matthew WRIGHT		QPN	5m21.92
1	Matthew WRIGHT	29	QPN	5m21.92
2	Darren WHETTON	29	VSP	6m39.72
3	Paul MCKENZIE	25	TLC	6m47.61
4	C. CHAPMAN	26	ACN	6m56.25
5	David MCLEAN	27	NWS	7m09.76
6	Warren HEWETT	28	WMH	7m18.90
7	James CIANTAR	27	WML	7m54.87
8	Glen CAMPBELL	26	TLC	8m39.31
9	Brett PEARSON	25	WLM	9m29.12

25-29 800m Breaststroke

Best TT	Matthew WRIGHT		QPN	11m24.49
1	Matthew WRIGHT	29	QPN	11m24.49
2	Darren WHETTON	29	VSP	13m50.48
3	C. CHAPMAN	26	ACN	14m05.64
4	David MCLEAN	27	NWS	15m09.77

25-29 1500m Breaststroke

Best TT	Scott MARKICH		NHL	20m13.08
1	Matthew WRIGHT	29	QPN	21m35.30
2	Darren WHETTON	29	VSP	26m14.41
3	Joseph WALKER	27	NHN	26m23.88

25-29 30MIN Breaststroke

Best TT	Darren WHETTON		VSP	1625m
1	Darren WHETTON	29	VSP	1625m

25-29 45MIN Breaststroke

Best TT	Alan BROWN		NWS	2375m
1	Darren WHETTON	29	VSP	2350m

25-29 60MIN Breaststroke

Best TT	Philip COSSTICK		NRY	3400m
1	Darren WHETTON	29	VSP	3100m

25-29 50m Butterfly

Best TT	Mark MORGAN		NWG	26.23
1	Blair MCQUADE	27	NWG	28.39
2	Alex TAURANY	25	NGR	29.27
3	Cameron ROBERTS	26	NNC	29.44
4	H. VAN DE WATER	28	VNL	29.52
5	Greg RUSSELL	29	NNS	30.21
6	Michael GALDAL	27	QGS	30.52
7	Christian LUTZ	25	WSM	30.64
8	Timothy YATES	25	SAT	30.99
9	Peter PHELAN	25	VPP	31.13
10	Darren WHETTON	29	VSP	31.35

1998 NATIONAL TOP TEN - MALE SHORT COURSE

25-29 100m Butterfly

Best TT	Mark MORGAN		NWG	58.08
1	Nathan SLIWKA	27	ATN	1m15.66
2	Darren WHETTON	29	VSP	1m23.27
3	Ed EGAN	27	NNS	1m24.08

25-29 200m Butterfly

Best TT	Brent WALKER		THB	2m12.43
1	Darren WHETTON	29	VSP	3m14.25

25-29 400m Butterfly

Best TT	Timothy BONESS		VPP	5m17.29
1	Darren WHETTON	29	VSP	7m03.06

25-29 800m Butterfly

Best TT	Scott MARKICH		NHL	12m21.38
1	Darren WHETTON	29	VSP	15m07.74

25-29 100m Ind. Medley

Best TT	Guy FARROW		VMV	57.70
1	Blair MCQUADE	27	NWG	1m02.62
2	Cameron ROBERTS	26	NNC	1m06.95
3	Darryl HARRIS	27	NOF	1m07.79
4	Daryl BILNEY	26	VBL	1m08.82
5	Warren KERR	26	VPP	1m11.49
6	Christian LUTZ	25	WSM	1m11.94
7	Darren WHETTON	29	VSP	1m12.23
8	Alex TAURANY	25	NGR	1m12.56
9	Richard BAIRSTOW	29	WWF	1m12.57
10	Shayne DEUTZMAN	25	TLC	1m15.22

25-29 200m Ind. Medley

Best TT	D. MACKAY		NHN	2m12.67
1	Jeremy ROTHFIELD	27	VYR	2m43.18
2	Craig ALLATT	26	ACN	2m51.30
3	C. CHAPMAN	26	ACN	2m57.99
4	Guy WINDEBANK	26	TLC	3m56.08

25-29 400m Ind. Medley

Best TT	Scott MARKICH		NHL	4m54.77
1	Joseph WALKER	27	NHN	5m56.46
2	Darren WHETTON	29	VSP	6m15.91
3	Simon ELLINGSEN	29	TTL	6m18.17
4	Alexei LYSENKO	25	TTL	6m23.87
5	Andrew JONES	25	QMK	7m04.06
6	David MCLEAN	27	NWS	7m10.44

25-29 800m Ind. Medley

Best TT	Scott MARKICH		NHL	11m04.32
1	Andrew JONES	25	QMK	12m44.93
2	Darren WHETTON	29	VSP	12m53.87

****
*****
**

30-34 50m Freestyle

Best TT	Mark MORGAN		NWG	24.50
1	Benjamin TAYLOR	30	NWS	25.09
2	Darren GUM	31	NRY	25.46
3	Darrin JONES	31	NML	26.17
4	Peter RAINEY	33	VMV	26.18
5	Paul BLOOD	30	QCD	26.41
6	Hugh CONDON	31	VPP	26.76
7	David ORCHARD	31	QSM	27.00
8	Scott MARKICH	31	NHL	27.20
9	Michael THOMAS	31	NTR	27.31
10	Tatsu EZAWA	34	SAM	27.47

30-34 100m Freestyle

Best TT	Mark MORGAN		NWG	52.72
1	Darrin JONES	31	NML	57.69
2	Paul BLOOD	30	QCD	58.05
3	David ORCHARD	31	QSM	1m00.00
4	Hugh CONDON	31	VPP	1m00.07
5	Scott MARKICH	31	NHL	1m00.48
6	Tim GREEN	30	NML	1m00.63
7	Troy FIDLER	30	QYP	1m02.06
8	Ron ZIESSLER	34	VSN	1m02.27
9	Jamie COLE	31	NWO	1m02.35
10	John HOLDING	34	VNL	1m02.41

30-34 200m Freestyle

Best TT	Mark MORGAN		NWG	1m58.73
1	Ron ZIESSLER	34	VSN	2m08.59
2	Scott MARKICH	31	NHL	2m11.10
3	Darrin JONES	31	NML	2m11.85
4	Vassili EFIMOV	30	NWO	2m14.74
5	John HOLDING	34	VNL	2m19.71
6	Glenn GIBALOW	33	NSG	2m21.42
7	Peter REYNOLDS	33	QCD	2m22.94
8	Peter CHARLTON	33	NSG	2m26.64
9	Liam DOYLE	32	VPL	2m26.71
10	Bill ROWLEY	33	TTL	2m27.30

30-34 400m Freestyle

Best TT	Russell FLETCHER		VPP	4m19.05
1	Ron ZIESSLER	34	VSN	4m45.78
2	David ORCHARD	31	QSM	4m47.46
3	Peter NIERE	33	VMV	4m56.34
4	Glenn GIBALOW	33	NSG	5m10.60
5	Peter MARSH	34	QSM	5m12.07
6	Daniel WALLACE	31	VMV	5m14.08
7	Peter REYNOLDS	33	QCD	5m21.41
8	Andrew LEGG	30	WMH	5m21.50
9	Scott YAXLEY	34	WMV	5m22.58
10	Philip SIKKEMA	30	VYR	5m23.42

30-34 800m Freestyle

Best TT	Russell FLETCHER		VPP	9m02.17
1	Ron ZIESSLER	34	VSN	9m53.19
2	Peter NIERE	33	VMV	9m55.39
3	Philip SIKKEMA	30	VYR	10m51.93
4	Daniel WALLACE	31	VMV	10m54.78
5	Liam DOYLE	32	VPL	10m58.71
6	Peter REYNOLDS	33	QCD	11m00.11
7	Scott YAXLEY	34	WMV	11m11.34
8	Doug MCKINSTRY	34	QCN	11m15.65

30-34 800m Freestyle Continued

9	Glen WALTON	34	VHM	11m26.34
10	Paul NEWPORT	34	VNL	11m38.55

30-34 1500m Freestyle

Best TT	Russell FLETCHER		VPP	17m37.53
1	Peter NIERE	33	VMV	19m50.99
2	David ORCHARD	31	QSM	20m13.77
3	Douglas JAMES	33	NHN	22m08.65
4	Scott YAXLEY	34	WMV	22m16.87
5	Stephen FULLER	33	NSH	22m27.33
6	Roger ILITCH	32	VSP	22m28.12
7	Brad HULCOMBE	32	TBU	22m55.26
8	Benjamin TAYLOR	30	NWS	23m54.46
9	Darren HINDS	34	TLC	24m32.15
10	David WRIGHT	33	TTL	24m44.56

30-34 3000m Freestyle

Best TT	Robert BUTCHER		VPP	36m37.29
1	Jason CRAIG	30	NGR	53m54.20

30-34 5000m Freestyle

Best TT	Stuart LINNET		NTR	67m31.67

30-34 30MIN Freestyle

Best TT	Andrew DUNCAN		NWS	2250m
1	Scott YAXLEY	34	WMV	2075m
2	Roger ILITCH	32	VSP	1950m
3	Simon OLDEN	32	TLC	1875m
3	Benjamin TAYLOR	30	NWS	1875m
5	Douglas FRASER	32	TLC	1675m
5	Jason CRAIG	30	NGR	1675m
7	Dean MARTIN	30	WMV	1525m
8	Tetev$vichards	34	VSA	1375m
9	David LILLIS	34	ATN	1275m

30-34 45MIN Freestyle

Best TT	Peter NIERE		VMV	3275m
1	Darren HINDS	34	TLC	2675m
2	Jason CRAIG	30	NGR	2525m
3	Dean MARTIN	30	WMV	2400m

30-34 60MIN Freestyle

Best TT	John HEENAN		NTM	4500m
1	Alan BROWN	31	NWS	3550m
2	Peter WARREN	34	NSH	3250m

30-34 50m Backstroke

Best TT	Stephen BROWN		VVP	29.76
1	Scott MARKICH	31	NHL	30.34
2	David ORCHARD	31	QSM	31.41
3	D. TOOHER	30	NWG	31.78
4	Leighton GRANTER	34	NML	32.05
5	Darrin JONES	31	NML	32.67
6	Peter RAINEY	33	VMV	32.73
7	Darren GUM	31	NRY	32.74
8	Glen BRISCOE	32	QIS	33.35
9	Michael THOMAS	31	NTR	33.80
10	Benjamin TAYLOR	30	NWS	33.89

30-34 100m Backstroke

Best TT	Mark MORGAN		NWG	1m03.84
1	Scott MARKICH	31	NHL	1m04.43
2	David ORCHARD	31	QSM	1m07.60
3	Leighton GRANTER	34	NML	1m11.11
4	Vassili EFIMOV	30	NWO	1m12.63
5	Darren GUM	31	NRY	1m15.11
6	Jamie COLE	31	NWO	1m16.99
7	Peter NIERE	33	VMV	1m17.01
8	Daniel WALLACE	31	VMV	1m18.66
9	Simon OLDEN	32	TLC	1m26.66
10	George FOSTER	32	NET	1m27.38

30-34 200m Backstroke

Best TT	R. DILL-MACKAY		NWG	2m16.11
1	Scott MARKICH	31	NHL	2m25.00
2	Vassili EFIMOV	30	NWO	2m34.37
3	Daniel WALLACE	31	VMV	2m40.98
4	Peter NIERE	33	VMV	2m41.20
5	Glen BRISCOE	32	QIS	2m46.65
6	Benjamin TAYLOR	30	NWS	2m49.41
7	Doug MCKINSTRY	34	QCN	2m50.77
8	Alan BROWN	31	NWS	3m16.12
9	Brian MCNALLY	32	NGS	3m47.46
10	Henry EVANS	33	QSC	3m56.21

30-34 400m Backstroke

Best TT	Brian FORD		VGP	5m09.68
1	Peter NIERE	33	VMV	5m51.72
2	Glen BRISCOE	32	QIS	6m04.55
3	Benjamin TAYLOR	30	NWS	6m24.21
4	Alan BROWN	31	NWS	6m45.71
5	Peter WARREN	34	NSH	7m28.67
6	Henry EVANS	33	QSC	7m56.37
7	Brian MCNALLY	32	NGS	8m01.40

30-34 800m Backstroke

Best TT	Brian FORD		VGP	10m50.98
1	Peter NIERE	33	VMV	11m44.59
2	Glen BRISCOE	32	QIS	12m31.75
3	Alan BROWN	31	NWS	12m51.04
4	Henry EVANS	33	QSC	16m23.30
5	Ross CUNNINGHAM	34	NLS	16m27.54
6	Jason CRAIG	30	NGR	16m42.49

30-34 1500m Backstroke

Best TT	Peter NIERE		VMV	22m13.27
1	Glen BRISCOE	32	QIS	25m07.20
2	Alan BROWN	31	NWS	26m38.05
3	Jason CRAIG	30	NGR	29m40.27
4	Henry EVANS	33	QSC	34m05.90

30-34 30MIN Backstroke

Best TT	Peter NIERE		VMV	2000m
1	Alan BROWN	31	NWS	1650m
2	Jason CRAIG	30	NGR	1550m
3	Henry EVANS	33	QSC	1300m

30-34 45MIN Backstroke

Best TT	Peter NIERE		VMV	3000m
1	Alan BROWN	31	NWS	2400m
2	Henry EVANS	33	QSC	1950m

1998 NATIONAL TOP TEN - MALE SHORT COURSE

30-34 60MIN Backstroke

Best TT	David KING		NRY	3725m
1	Alan BROWN	31	NWS	3350m

30-34 50m Breaststroke

Best TT	Stephen BROWN		WMV	29.14
1	Paul BLOOD	30	QCD	31.63
2	Frank VAN ROOYEN	31	WWC	33.59
3	Peter RAINEY	33	VMV	33.75
4	Peter MARSH	34	QSM	34.64
5	David ORCHARD	31	QSM	34.69
6	Stephen WRIGHT	34	NTR	34.94
7	Benjamin TAYLOR	30	NWS	35.00
8	D. TOOHER	30	NWG	35.21
9	Darren GUM	31	NRY	35.54
10	Troy FIDLER	30	QYP	35.62

30-34 100m Breaststroke

Best TT	Tony TOOHER		NWG	1m11.29
1	Peter MARSH	34	QSM	1m16.35
2	Scott MARKICH	31	NHL	1m19.34
3	Benjamin TAYLOR	30	NWS	1m19.54
4	Tim GREEN	30	NML	1m19.55
5	Masaaki MACHIDA	34	VBC	1m20.18
6	Paul D'ACOSTINO	32	VYR	1m21.39
7	Wayne BARR	31	SAO	1m22.90
8	Joel FANDINO	32	VNL	1m24.51
9	Greg IRONFIELD	30	NNS	1m24.66
10	Darren GUM	31	NRY	1m24.97

30-34 200m Breaststroke

Best TT	Tony TOOHER		NWG	2m39.87
1	Peter MARSH	34	QSM	2m49.34
2	David ORCHARD	31	QSM	2m49.57
3	Tim GREEN	30	NML	2m56.08
4	Benjamin TAYLOR	30	NWS	2m56.71
5	Masaaki MACHIDA	34	VBC	2m58.55
6	Wayne BARR	31	SAO	2m59.40
7	Scott MARKICH	31	NHL	2m59.70
8	Greg IRONFIELD	30	NNS	3m06.83
9	Joel FANDINO	32	VNL	3m07.02
10	Peter CHARLTON	33	NSG	3m07.38

30-34 400m Breaststroke

Best TT	C. WINDLEY		VSS	5m27.34
1	Peter MARSH	34	QSM	6m07.47
2	Benjamin TAYLOR	30	NWS	6m44.28
3	Keith BARNARD	31	QBN	7m11.96
4	Andrew SMITH	34	SAT	7m18.09
5	Alan BROWN	31	NWS	7m30.18
6	Peter NIERE	33	VMV	7m39.01
7	Ross CUNNINGHAM	34	NLS	7m58.80
8	Peter WARREN	34	NSH	8m31.79
9	Jason CRAIG	30	NGR	8m38.70

30-34 800m Breaststroke

Best TT	C. WINDLEY		VSS	12m38.74
1	Peter MARSH	34	QSM	12m51.92
2	Benjamin TAYLOR	30	NWS	14m01.09
3	Alan BROWN	31	NWS	15m38.82
4	Andrew SMITH	34	SAT	16m01.99
5	Ross CUNNINGHAM	34	NLS	16m37.60

30-34 800m Breaststroke Continued

6	Jason CRAIG	30	NGR	17m45.10

30-34 1500m Breaststroke

Best TT	Craig SEAWRIGHT		NNS	24m25.02
1	Peter MARSH	34	QSM	24m31.15
2	Benjamin TAYLOR	30	NWS	27m58.67
3	Keith BARNARD	31	QBN	29m18.84
4	Alan BROWN	31	NWS	29m56.81

30-34 30MIN Breaststroke

Best TT	Vitas CHAN		QSC	1700m
1	Benjamin TAYLOR	30	NWS	1600m
2	Alan BROWN	31	NWS	1425m
3	Jason CRAIG	30	NGR	1375m

30-34 45MIN Breaststroke

Best TT	Vitas CHAN		QSC	2475m
1	Benjamin TAYLOR	30	NWS	2350m
2	Alan BROWN	31	NWS	2175m

30-34 60MIN Breaststroke

Best TT	David KING		NRY	3400m
1	Benjamin TAYLOR	30	NWS	3175m

30-34 50m Butterfly

Best TT	Mark MORGAN		NWG	26.53
1	Paul BLOOD	30	QCD	28.34
2	Peter RAINEY	33	VMV	28.47
3	Scott MARKICH	31	NHL	28.76
4	Tatsu EZAWA	34	SAM	28.93
5	David ORCHARD	31	QSM	29.00
6	Hugh CONDON	31	VPP	29.80
7	Glen BRISCOE	32	QIS	29.88
8	Leighton GRANTER	34	NML	29.91
9	Vassili EFIMOV	30	NWO	30.14
10	Donald WATSON	34	NML	30.33

30-34 100m Butterfly

Best TT	Mark MORGAN		NWG	59.98
1	Leighton GRANTER	34	NML	1m04.63
2	Vassili EFIMOV	30	NWO	1m07.21
3	Darrin JONES	31	NML	1m08.62
4	Tatsu EZAWA	34	SAM	1m10.82
5	David KANNANE	33	NWO	1m19.62
6	Scott YAXLEY	34	WMV	1m22.75
7	David TOLL	34	WCM	1m24.53
8	Glen WALTON	34	VHM	1m30.83
9	Alan BROWN	31	NWS	1m42.48
10	Henry EVANS	33	QSC	1m48.83

30-34 200m Butterfly

Best TT	Robert BUTCHER		VPP	2m17.97
1	Leighton GRANTER	34	NML	2m27.11
2	Glen WALTON	34	VHM	3m05.24
3	Alan BROWN	31	NWS	3m31.11

30-34 400m Butterfly

Best TT	Robert BUTCHER		VPP	6m21.86
1	Alan BROWN	31	NWS	7m55.02

1998 NATIONAL TOP TEN - MALE SHORT COURSE

30-34 800m Butterfly

Best TT	Brian FORD		VGP	13m21.44
1	Alan BROWN	31	NWS	16m40.72

30-34 100m Ind. Medley

Best TT	David RUSSELL		VVP	1m02.05
1	Paul BLOOD	30	QCD	1m05.41
2	Scott MARKICH	31	NHL	1m05.68
3	Darrin JONES	31	NML	1m07.28
4	Frank VAN ROOYEN	31	WWC	1m07.78
5	Peter RAINEY	33	VMV	1m08.11
6	Vassili EFIMOV	30	NWO	1m08.21
7	David ORCHARD	31	QSM	1m08.73
8	Benjamin TAYLOR	30	NWS	1m09.82
9	Daniel WALLACE	31	VMV	1m11.53
10	Donald WATSON	34	NML	1m12.87

30-34 200m Ind. Medley

Best TT	Mark ERICKSON		QWY	2m21.27
1	Scott MARKICH	31	NHL	2m28.54
2	David ORCHARD	31	QSM	2m29.25
3	Ron ZIESSLER	34	VSN	2m33.86
4	Paul D'AGOSTINO	32	VYR	2m42.93
5	Simon MC CORMACK	32	SAT	2m51.05
6	Peter O'BRIEN	33	ACN	2m53.90
7	Alan BROWN	31	NWS	3m04.97
8	Scott YAXLEY	34	WMV	3m07.24
9	Scott EDWARDS	32	QSM	3m10.59
10	Colin PRIEST	32	NNS	3m11.64

30-34 400m Ind. Medley

Best TT	Russell FLETCHER		VPP	5m02.51
1	Scott MARKICH	31	NHL	5m16.03
2	Leighton GRANTER	34	NML	5m27.52
3	Peter NIERE	33	VMV	6m06.75
4	Alan BROWN	31	NWS	6m57.28
5	Andrew SMITH	34	SAT	7m01.90
6	Ross CUNNINGHAM	34	NLS	7m16.98
7	Peter MCKEE	32	QIP	7m18.04
8	Jason CRAIG	30	NGR	8m08.83

30-34 800m Ind. Medley

Best TT	Warren CRESWICK		NKM	12m39.98
1	Alan BROWN	31	NWS	14m37.20
2	Ross CUNNINGHAM	34	NLS	14m58.86
3	Andrew SMITH	34	SAT	15m45.31

****
*****
**

35-39 50m Freestyle

Best TT	Mark MORGAN		NWG	24.35
1	Kevin PORTER	35	NNS	26.21
2	Stuart MEARES	37	NWG	26.24
3	Dawson HOWARD	39	VFR	26.38
4	Rick SAWICKI	38	NWO	26.44
5	Murray ALLEN	37	QIP	27.03
6	David MACKAY	38	QGC	27.06
7	Callum FREE	37	VYR	27.09
8	Peter WALKER	39	TAC	27.23
9	Ronald MASSAAR	38	NSA	27.37
10	Greg CHAPLIN	37	VNL	27.46

35-39 100m Freestyle

Best TT	Mark MORGAN		NWG	52.64
1	Stuart MEARES	37	NWG	57.39
2	Kevin PORTER	35	NNS	57.85
3	Rob SPENCER	35	QBN	58.28
4	Murray ALLEN	37	QIP	58.50
4	Rick SAWICKI	38	NWO	58.50
6	Stephen JUNK	38	WIW	1m00.06
7	Dawson HOWARD	39	VFR	1m00.21
8	Ronald MASSAAR	38	NSA	1m00.33
9	Jeffrey PRICE	39	NWG	1m00.45
10	Glenn BROCKHURST	37	QSF	1m00.47

35-39 200m Freestyle

Best TT	Mark MORGAN		NWG	1m57.08
1	Stuart MEARES	37	NWG	2m07.96
2	Glenn BROCKHURST	37	QSF	2m14.07
3	Ted BUNT	38	NVP	2m18.24
4	Max John KAVANAGH	38	SAM	2m18.25
5	Gavin HILL	37	SWD	2m19.34
6	Greg CHAPLIN	37	VNL	2m20.02
7	Wayne MORRIS	35	NML	2m20.80
8	Timothy BRADY	37	QPR	2m21.03
9	Paul O'ROURKE	37	NWG	2m21.63
10	Gary NORTHERN	36	VPP	2m21.86

35-39 400m Freestyle

Best TT	Russell FLETCHER		VPP	4m23.72
1	Kevin PORTER	35	NNS	4m53.00
2	Tim DONKIN	36	NML	4m59.74
3	Timothy BRADY	37	QPR	5m03.17
4	Jeff HARDY	39	QSC	5m09.13
5	Bruce LOVETT	39	QBB	5m16.65
6	Gary NORTHERN	36	VPP	5m20.84
7	Jeffrey PRICE	39	NWG	5m23.97
8	Craig JONES	35	SAT	5m23.99
9	Greg CHAPLIN	37	VNL	5m29.05
10	Steven PERCIVAL	38	THB	5m30.61

35-39 800m Freestyle

Best TT	Russell FLETCHER		VPP	9m04.31
1	Tim DONKIN	36	NML	10m02.45
2	Jeff HARDY	39	QSC	10m14.25
3	Timothy BRADY	37	QPR	10m21.64
4	Gary NORTHERN	36	VPP	10m38.85
5	Tony TOOHER	36	NWG	10m42.90
6	Craig JONES	35	SAT	11m00.99
7	David JENKINS	37	VNL	11m20.32
8	Stephen ORR	36	VGV	11m31.68

35-39 800m Freestyle

9	Mark O'SULLIVAN	38	VWB	11m33.12
10	Peter WALKER	39	TAC	11m34.89

35-39 1500m Freestyle

Best TT	Russell FLETCHER		VPP	17m09.68
1	Tim DONKIN	36	NML	18m55.20
2	Timothy BRADY	37	QPR	18m55.84
3	Greg MILLARD	35	QVG	19m12.60
4	Craig JONES	35	SAT	20m57.99
5	Stephen BOAKES	35	VSP	22m06.20
6	Bruce CRAIG	35	TAC	22m14.80
7	Bruce LOVETT	39	QBB	22m55.29
8	Andrew CLARKE	39	TLC	23m04.15
9	Robert GILLARD	35	WML	23m06.34
10	Adrian WALLACE	38	TLC	23m13.28

35-39 3000m Freestyle

Best TT	Tim DONKIN		NML	38m22.53
1	Tim DONKIN	36	NML	38m22.53
2	Craig JONES	35	SAT	41m28.99
3	Kevin WALSH	35	QCD	51m25.00
4	James PELOSA	36	NCT	53m57.67
5	C. LIVINGSTONE	37	NCT	57m48.22

35-39 5000m Freestyle

Best TT	David KING		NRY	66m33.60
1	Kevin WALSH	35	QCD	87m59.00

35-39 30MIN Freestyle

Best TT	Tim DONKIN		NML	2375m
1	Tim DONKIN	36	NML	2375m
2	Craig JONES	35	SAT	2100m
3	Hugh WHITE	39	NTR	2075m
4	Stephen BOAKES	35	VSP	2000m
5	Andrew CLARKE	39	TLC	1900m
5	Adrian WALLACE	38	TLC	1900m
7	Harold GUSDORF	35	VNL	1875m
7	Robert GILLARD	35	WML	1875m
9	Mark PRYN	37	VSP	1850m
9	Ian PHILLIPS	38	VSP	1850m

35-39 45MIN Freestyle

Best TT	Tim DONKIN		NML	3550m
1	Tim DONKIN	36	NML	3550m
2	Craig JONES	35	SAT	3250m
3	Robert GILLARD	35	WML	2750m
4	Ian PHILLIPS	38	VSP	2550m
5	Andrew MCGLASHAN	36	QMK	2500m
6	Ken MORROW	36	NTR	2425m
7	C. LIVINGSTONE	37	NCT	2375m
7	James PELOSA	36	NCT	2375m

35-39 60MIN Freestyle

Best TT	Tim DONKIN		NML	4675m
1	Tim DONKIN	36	NML	4675m
2	Hugh WHITE	39	NTR	4075m
3	Mark PRYN	37	VSP	3350m
4	Ken MORROW	36	NTR	3150m
5	Ian PHILLIPS	38	VSP	3100m
5	C. LIVINGSTONE	37	NCT	3100m

35-39 50m Backstroke

Best TT	Klaus ECKHOF		WWF	27.17
1	Ronald MASSAAR	38	NSA	31.40
2	Rick SAWICKI	38	NWO	31.67
3	Nick ROCKETT	38	WWF	32.63
4	David MACKAY	38	QCC	32.74
5	Kevin PORTER	35	NNS	32.99
6	Max John KAVANAGH	38	SAM	33.13
7	Jelle LAHNSTEIN	37	SAO	34.18
8	Tony TOOHER	36	NWG	34.19
9	M. GOVERS	35	NTM	34.46
9	Harold GUSDORF	35	VNL	34.46

35-39 100m Backstroke

Best TT	Brian FORD		VGP	1m03.71
1	Kevin PORTER	35	NNS	1m10.73
2	Ronald MASSAAR	38	NSA	1m11.19
3	Nick ROCKETT	38	WWF	1m11.96
4	Max John KAVANAGH	38	SAM	1m12.03
5	Garth SLADE	38	TSB	1m12.55
6	Timothy BRADY	37	QPR	1m13.18
7	Jelle LAHNSTEIN	37	SAO	1m13.91
8	Jeffrey PRICE	39	NWG	1m15.35
9	Peter WALKER	39	TAC	1m18.75
10	Russell FLETCHER	39	VPP	1m20.17

35-39 200m Backstroke

Best TT	Brad COOPER		QSP	2m14.18
1	Garth SLADE	38	TSB	2m40.99
2	Hugh WHITE	39	NTR	2m43.17
3	Russell FLETCHER	39	VPP	2m43.23
4	Jeffrey PRICE	39	NWG	2m47.55
5	Jelle LAHNSTEIN	37	SAO	2m48.31
6	M. GOVERS	35	NTM	2m50.35
7	Peter WALKER	39	TAC	2m53.19
8	Darryl FLUKES	37	VBL	2m57.66
9	Michael HOWE	37	NGL	3m00.83
10	Stephen HABERLEY	37	NSA	3m03.25

35-39 400m Backstroke

Best TT	Mike SHEPPARD		VRW	5m30.71
1	Russell FLETCHER	39	VPP	5m32.01
2	Rob MCBROOM	38	QBC	5m44.22
3	Jelle LAHNSTEIN	37	SAO	6m08.89
4	Jeff HARDY	39	QSC	6m19.36
5	Bernie ODE	38	QBN	6m26.10
6	Iain DUNCAN	37	QSC	6m31.27
7	Harold GUSDORF	35	VNL	6m40.91
8	Kevin WALSH	35	QCD	6m43.54
9	Stephen YOUNG	37	NWS	6m44.28
10	Lenie PASSIER	38	QTW	6m48.75

35-39 800m Backstroke

Best TT	Russell FLETCHER		VPP	11m08.39
1	Russell FLETCHER	39	VPP	11m08.39
2	Rob MCBROOM	38	QBC	11m45.86
3	Iain DUNCAN	37	QSC	13m24.61
4	Bernie ODE	38	QBN	13m26.36
5	Greg CHAPLIN	37	VNL	14m05.68
6	Kevin WALSH	35	QCD	14m08.97
7	Andrew MCGLASHAN	36	QMK	14m15.18
8	Bruce LOVETT	39	QBB	14m21.43

35-39 800m Backstroke Continued

9	Robert GILLARD	35	WML	14m24.12
10	Ian PHILLIPS	38	VSP	15m02.74

35-39 1500m Backstroke

Best TT	Russell FLETCHER		VPP	21m08.16
1	Russell FLETCHER	39	VPP	21m08.16
2	Rob MCBROOM	38	QBC	22m58.99
3	Andrew MCGLASHAN	36	QMK	28m24.53
4	Mark PRYN	37	VSP	28m48.96
5	Robert GILLARD	35	WML	28m49.24
6	Ian PHILLIPS	38	VSP	28m52.97
7	C. LIVINGSTONE	37	NCT	29m03.97
8	Ken MORROW	36	NTR	30m20.78

35-39 30MIN Backstroke

Best TT	Hugh WHITE		NTR	2225m
1	Hugh WHITE	39	NTR	1925m
2	Mark PRYN	37	VSP	1550m
2	Ian PHILLIPS	38	VSP	1550m
4	Andrew MCGLASHAN	36	QMK	1525m
4	Robert GILLARD	35	WML	1525m
6	Ken MORROW	36	NTR	1500m

35-39 45MIN Backstroke

Best TT	Stuart PULLEN		NWO	2800m
1	Bernie ODE	38	QBN	2525m
2	Robert GILLARD	35	WML	2400m
3	C. LIVINGSTONE	37	NCT	2325m
4	Ian PHILLIPS	38	VSP	2250m
4	Andrew MCGLASHAN	36	QMK	2250m
6	Ken MORROW	36	NTR	2225m

35-39 60MIN Backstroke

Best TT	David KING		NRY	3825m
1	Robert GILLARD	35	WML	3150m
2	C. LIVINGSTONE	37	NCT	3100m
3	Ian PHILLIPS	38	VSP	3025m
4	Ken MORROW	36	NTR	2975m

35-39 50m Breaststroke

Best TT	Stephen COOK		QMM	31.55
1	Stephen COOK	37	QMM	31.55
2	Tony TOOHER	36	NWG	33.35
3	Mark DEUNK	35	VSN	33.40
4	Greg CHAPLIN	37	VNL	35.70
5	Stephen YOUNG	37	NWS	35.71
6	Mark SUTTON	37	SAM	35.78
7	Dawson HOWARD	39	VFR	35.95
8	David ASHTON	36	ATN	36.33
9	Jelle LAHNSTEIN	37	SAO	36.69
10	Nick ROCKETT	38	WWF	37.00

35-39 100m Breaststroke

Best TT	Stephen COOK		QMM	1m10.16
1	Stephen COOK	37	QMM	1m10.16
2	Peter HAU	39	WML	1m14.85
3	Mark DEUNK	35	VSN	1m16.25
4	Tony TOOHER	36	NWG	1m16.45
5	Greg CHAPLIN	37	VNL	1m17.95
6	Peter MACKAY	38	SWD	1m19.12
7	Mark SUTTON	37	SAM	1m20.00

35-39 100m Breaststroke Continued

8	Jelle LAHNSTEIN	37	SAO	1m22.59
9	Bruce LOVETT	39	QBB	1m23.58
10	Alexander SUSAN	36	NWO	1m24.41

35-39 200m Breaststroke

Best TT	Dale LOADER		NHL	2m41.31
1	Tony TOOHER	36	NWG	2m50.59
2	Mark DEUNK	35	VSN	2m52.52
3	Greg CHAPLIN	37	VNL	2m56.65
4	Mark SUTTON	37	SAM	2m59.13
5	Jelle LAHNSTEIN	37	SAO	3m05.88
6	Christopher YATES	37	NKT	3m10.72
7	Anton KIRCHNER	36	ATN	3m11.10
8	Peter OCKERBY	37	TLC	3m12.06
9	David ASHTON	36	ATN	3m12.61
10	Richard WILLIAMS	37	NTM	3m16.19

35-39 400m Breaststroke

Best TT	T. SAVIC		NGF	5m46.16
1	Greg CHAPLIN	37	VNL	6m38.33
2	Peter OCKERBY	37	TLC	6m50.68
3	Jeff HARDY	39	QSC	6m53.95
4	Bruce LOVETT	39	QBB	6m56.22
5	Kevin WALSH	35	QCD	6m58.53
6	Alistair BALL	39	SAO	6m59.53
7	Andrew CLARKE	39	TLC	7m01.63
8	Bernie ODE	38	QBN	7m11.30
9	Harold GUSDORF	35	VNL	7m15.90
10	C. LIVINGSTONE	37	NCT	7m28.04

35-39 800m Breaststroke

Best TT	Dale LOADER		NHL	12m05.96
1	Greg CHAPLIN	37	VNL	13m23.89
2	Bernie ODE	38	QBN	14m10.41
3	Bruce LOVETT	39	QBB	14m29.43
4	C. LIVINGSTONE	37	NCT	15m29.70
5	Robert GILLARD	35	WML	15m30.93
6	Ian PHILLIPS	38	VSP	15m59.94
7	Peter HAU	39	WML	16m03.48
8	Harold GUSDORF	35	VNL	16m22.62
9	Iain DUNCAN	37	QSC	16m36.24
10	Ken MORROW	36	NTR	16m40.71

35-39 1500m Breaststroke

Best TT	Dale LOADER		NHL	23m06.34
1	Bernie ODE	38	QBN	27m26.60
2	C. LIVINGSTONE	37	NCT	30m22.54
3	Robert GILLARD	35	WML	30m50.40
4	Ian PHILLIPS	38	VSP	31m46.91
5	Kevin WALSH	35	QCD	32m07.52
6	Ken MORROW	36	NTR	32m51.74
7	R. KLOOSTERMAN	37	SAT	33m44.08
8	Andrew MCGLASHAN	36	QMK	35m50.14
9	Paul SLATER	39	NWG	41m53.83

35-39 30MIN Breaststroke

Best TT	Andrew CLARKE		TLC	1600m
	Peter OCKERBY		TLC	
1	Andrew CLARKE	39	TLC	1600m
1	Peter OCKERBY	37	TLC	1600m
3	C. LIVINGSTONE	37	NCT	1500m

1998 NATIONAL TOP TEN - MALE SHORT COURSE

35-39 30MIN Breaststroke Continued

4	Bill WOODWORTH	35	TLC	1475m
5	Robert GILLARD	35	WML	1450m
6	Ian PHILLIPS	38	VSP	1400m
7	Ken MORROW	36	NTR	1375m
8	R. KLOOSTERMAN	37	SAT	1300m
8	James PELOSA	36	NCT	1300m
10	Andrew MCGLASHAN	36	QMK	1250m

35-39 45MIN Breaststroke

Best TT	Bernie ODE		QBN	2325m
1	Bernie ODE	38	QBN	2325m
2	C. LIVINGSTONE	37	NCT	2225m
2	Robert GILLARD	35	WML	2225m
4	Ian PHILLIPS	38	VSP	2075m
4	Ken MORROW	36	NTR	2075m
6	Andrew MCGLASHAN	36	QMK	1825m

35-39 60MIN Breaststroke

Best TT	Stephen TWARTZ		NHL	3500m
	David KING		NRY	
1	Bernie ODE	38	QBN	3100m
2	C. LIVINGSTONE	37	NCT	2975m
3	Ken MORROW	36	NTR	2700m
4	Ian PHILLIPS	38	VSP	2650m
5	Andrew MCGLASHAN	36	QMK	2500m

35-39 50m Butterfly

Best TT	Mark MORGAN		NWG	26.64
1	Rick SAWICKI	38	NWO	28.65
2	Kevin PORTER	35	NNS	28.88
3	Murray ALLEN	37	QIP	29.08
4	Rick VAN DER ZANT	35	QYP	29.45
5	Stephen JUNK	38	WIW	29.97
6	Greg CHAPLIN	37	VNL	30.21
7	Craig JONES	35	SAT	30.57
8	Callum FREE	37	VYR	30.87
9	Chris DOW	38	VMV	30.90
10	Nick ROCKETT	38	WWF	30.96

35-39 100m Butterfly

Best TT	Mark MORGAN		NWG	59.59
1	Stuart MEARES	37	NWG	1m04.27
2	Murray ALLEN	37	QIP	1m04.94
3	Kevin PORTER	35	NNS	1m06.52
4	Peter WILLIAMSON	35	VPP	1m06.54
5	Callum FREE	37	VYR	1m06.65
6	Garth SLADE	38	TSB	1m09.46
7	Russell FLETCHER	39	VPP	1m11.86
8	Stephen HABERLEY	37	NSA	1m13.62
9	Jelle LAHNSTEIN	37	SAO	1m17.85
10	Jeff HARDY	39	QSC	1m18.27

35-39 200m Butterfly

Best TT	Mark MORGAN		NWG	2m23.09
1	Murray ALLEN	37	QIP	2m31.31
2	Russell FLETCHER	39	VPP	2m32.39
3	Garth SLADE	38	TSB	2m34.63
4	Stephen HABERLEY	37	NSA	3m10.26
5	Jelle LAHNSTEIN	37	SAO	3m13.95
6	Rick VAN DER ZANT	35	QYP	3m17.50
7	Bruce CRAIG	35	TAC	3m24.83

35-39 200m Butterfly Continued

8	Harold GUSDORF	35	VNL	3m26.38
9	Iain DUNCAN	37	QSC	3m30.39
10	Mark SUTTON	37	SAM	3m33.50

35-39 400m Butterfly

Best TT	Russell FLETCHER		VPP	5m30.27
1	Bruce LOVETT	39	QBB	6m27.03
2	Jelle LAHNSTEIN	37	SAO	7m01.19
3	Steven PERCIVAL	38	THB	7m21.49
4	Mark PRYN	37	VSP	7m48.84
5	Robert GILLARD	35	WML	7m51.62
6	Harold GUSDORF	35	VNL	7m55.53
7	Iain DUNCAN	37	QSC	7m57.09
8	Ken MORROW	36	NTR	8m09.19
9	C. LIVINGSTONE	37	NCT	8m26.66
10	Peter HAU	39	WML	8m26.76

35-39 800m Butterfly

Best TT	Peter BLACKMORE		WMV	12m23.18
1	Jelle LAHNSTEIN	37	SAO	14m34.06
2	Robert GILLARD	35	WML	15m52.19
3	Ken MORROW	36	NTR	17m06.56
4	Harold GUSDORF	35	VNL	17m28.53
5	Peter HAU	39	WML	17m33.24
6	C. LIVINGSTONE	37	NCT	17m48.03

35-39 100m Ind. Medley

Best TT	Rob SPENCER		QBN	1m05.19
1	Rob SPENCER	35	QBN	1m05.19
2	Stephen COOK	37	QMM	1m05.73
3	Stuart MEARES	37	NWG	1m06.40
4	Stephen JUNK	38	WIW	1m08.49
5	Tony TOOHER	36	NWG	1m08.66
6	Timothy BRADY	37	QPR	1m10.73
7	Peter WILLIAMSON	35	VPP	1m11.22
8	Jeffrey PRICE	39	NWG	1m11.78
9	Nick ROCKETT	38	WWF	1m11.91
10	Greg CHAPLIN	37	VNL	1m12.08

35-39 200m Ind. Medley

Best TT	Russell FLETCHER		VPP	2m21.48
1	Tony TOOHER	36	NWG	2m32.91
2	Garth SLADE	38	TSB	2m33.81
3	Kevin PORTER	35	NNS	2m37.19
4	Greg CHAPLIN	37	VNL	2m40.49
5	Darryl FLUKES	37	VBL	2m45.86
6	Mark SERRURIER	36	QSM	2m46.64
7	Bruce LOVETT	39	QBB	2m46.66
8	Jeffrey PRICE	39	NWG	2m49.13
9	David BARNES	39	QVG	2m51.88
10	Richard PAK POY	37	SAM	2m59.39

35-39 400m Ind. Medley

Best TT	Russell FLETCHER		VPP	5m01.75
1	Garth SLADE	38	TSB	5m30.95
2	Jeff HARDY	39	QSC	5m47.46
3	Greg CHAPLIN	37	VNL	6m07.04
4	Jelle LAHNSTEIN	37	SAO	6m13.25
5	Bruce CRAIG	35	TAC	6m25.32
6	Leo OOSTVEEN	36	NWO	6m28.83
7	Harold GUSDORF	35	VNL	6m29.35

35-39 400m Ind. Medley Continued

8	Peter WALKER	39	TAC	6m32.20
9	Bernie ODE	38	QBN	6m38.05
10	Colin PLANT	39	WCR	6m44.26

35-39 800m Ind. Medley

Best TT	Russell FLETCHER		VPP	10m57.00
1	Russell FLETCHER	39	VPP	10m57.00
2	Hugh WHITE	39	NTR	13m15.59
3	Harold GUSDORF	35	VNL	13m45.71
4	Bernie ODE	38	QBN	14m09.36
5	Robert GILLARD	35	WML	14m42.09
6	Iain DUNCAN	37	QSC	15m02.26
7	Mark PRYN	37	VSP	15m24.89
8	Ken MORROW	36	NTR	15m36.59
9	C. LIVINGSTONE	37	NCT	15m48.92
10	Peter HAU	39	WML	15m51.58

****
*****
**

40-44 50m Freestyle

Best TT	Mark MORGAN		NWG	25.93
1	John STACPOOLE	42	NSA	25.96
2	David MARTIN	40	SAM	26.59
3	Russell HENRY	41	QRC	26.81
4	R. CAMPBELL-BURNS	42	SAM	27.25
5	Ross WALLIS	42	VYR	27.53
6	Ian MORGAN	43	NHL	27.67
7	David GIBSON	43	VHM	27.73
8	Rod PORTEOUS	40	QGS	27.88
9	Richard STEELE	42	NTM	28.00
10	Doug TANTAU	44	VGP	28.05

40-44 100m Freestyle

Best TT	Gary HENRY		QSM	56.69
1	John STACPOOLE	42	NSA	57.22
2	David MARTIN	40	SAM	57.93
3	Russell HENRY	41	QRC	59.97
4	R. CAMPBELL-BURNS	42	SAM	59.98
5	Rod PORTEOUS	40	QGS	1m00.89
6	Chris DANDO	42	NML	1m01.25
7	Francis CHRISTIAN	41	VDC	1m01.51
8	Bradley BANERD	40	VMV	1m01.63
9	Gregory NORTH	44	VPP	1m02.00
10	Darryl AYNSLEY	43	NHL	1m03.13

40-44 200m Freestyle

Best TT	Francis CHRISTIAN		VDC	2m07.33
1	Francis CHRISTIAN	41	VDC	2m07.33
2	Chris DANDO	42	NML	2m17.60
3	Ian MORGAN	43	NHL	2m26.44
3	John COOPER	43	WSM	2m26.44
5	David POPE	41	VNA	2m26.53
6	Glenn SARGESON	43	W2O	2m26.91
7	Neil WARREN	42	NSH	2m27.66
8	John BARRETT	40	QRT	2m29.07
9	John ORNSBY	42	VPP	2m29.58
10	Bruce CURRIE	43	NCS	2m30.00

40-44 400m Freestyle

Best TT	Francis CHRISTIAN		VDC	4m36.89
1	Francis CHRISTIAN	41	VDC	4m37.86
2	Rod PORTEOUS	40	QGS	5m10.86
3	Chris DANDO	42	NML	5m13.41
4	Stuart PULLEN	42	NWO	5m14.22
5	Warren SMITH	40	NDB	5m15.15
6	Chris PALFREY	41	QTV	5m17.70
7	Peter GEDDES	44	NET	5m19.75
8	Russell HENRY	41	QRC	5m20.67
9	David POPE	41	VNA	5m21.92
10	Stephen WALKER	44	ATN	5m24.73

40-44 800m Freestyle

Best TT	Francis CHRISTIAN		VDC	9m21.39
1	Francis CHRISTIAN	41	VDC	9m21.39
2	Rod PORTEOUS	40	QGS	10m47.20
3	David POPE	41	VNA	10m58.46
4	Peter GEDDES	44	NET	11m19.01
5	Stephen WALKER	44	ATN	11m29.92
6	Michael GAFFNEY	41	AKP	11m34.80
7	Kingsley AGNEW	42	NTM	11m36.00
8	John POZZI	41	QSC	11m36.21

1998 NATIONAL TOP TEN - MALE SHORT COURSE

40-44 800m Freestyle Continued

9	Chris BATES	42	QMK	11m36.24
10	Tony HALFHIDE	42	NML	11m39.50

40-44 1500m Freestyle

Best TT	Grant SIMPSON		SAM	18m16.96
1	Klaus P ECKHOF	40	WWF	18m38.23
2	Francis CHRISTIAN	41	VDC	19m02.37
3	Chris DANDO	42	NML	20m32.88
4	Warren SMITH	40	NDB	21m18.05
5	Stephen WALKER	44	ATN	21m23.20
6	Tony HALFHIDE	42	NML	22m02.31
7	Chris BATES	42	QMK	22m16.42
8	Mark TAYLOR	43	QGS	22m56.20
9	Ian KENYON	42	QSM	23m28.11
10	Glenn SARGESON	43	WGO	23m28.46

40-44 3000m Freestyle

Best TT	Francis CHRISTIAN		VDC	38m38.50
1	Francis CHRISTIAN	41	VDC	38m38.50
2	Mark TAYLOR	43	QGS	48m10.00
3	Norman WOOSTER	43	QSC	54m18.07
4	Steven CLOUGH	44	NCT	56m31.26

40-44 5000m Freestyle

Best TT	David KING		NRY	66m36.12
1	Norman WOOSTER	43	QSC	91m46.58

40-44 30MIN Freestyle

Best TT	Francis CHRISTIAN		VDC	2350m
1	Francis CHRISTIAN	41	VDC	2350m
2	Rod PORTEOUS	40	QGS	2100m
3	Peter JELINEK	42	WBB	1925m
4	Mark TAYLOR	43	QGS	1900m
5	David NORTHFIELD	42	QAJ	1875m
6	Stan RIDLAND	40	QMK	1850m
7	Michael DORAN	41	TLC	1825m
8	Stewart GALLIFORD	40	SAT	1800m
9	Ray SMYTHE	42	QTW	1775m
10	Norman WOOSTER	43	QSC	1750m

40-44 45MIN Freestyle

Best TT	Francis CHRISTIAN		VDC	3500m
1	Francis CHRISTIAN	41	VDC	3500m
2	Chris BATES	42	QMK	2850m
3	Mark TAYLOR	43	QGS	2825m
4	Stan RIDLAND	40	QMK	2700m
5	Michael DORAN	41	TLC	2650m
6	Geoffrey MURPHY	43	NTR	2600m
7	Eric ELLEY	40	NET	2575m
8	Norman WOOSTER	43	QSC	2525m
9	Rod PORTEOUS	40	QGS	2500m
10	Steven CLOUGH	44	NCT	2375m

40-44 60MIN Freestyle

Best TT	Peter JOY		NWG	4500m
	David KING		NRY	
1	Harry LEATHER	42	VKM	3750m
2	Mark TAYLOR	43	QGS	3700m
3	Stan RIDLAND	40	QMK	3675m
4	Patrick BURKE	40	QAJ	3475m
5	Ray SMYTHE	42	QTW	3450m

40-44 60MIN Freestyle Continued

6	Louis DUPE	40	VKM	3425m
6	David IRVINE	40	VKM	3425m
8	Gary BRYCE	44	NSH	3400m
9	Eric ELLEY	40	NET	3375m
10	Geoffrey MURPHY	43	NTR	3350m

40-44 50m Backstroke

Best TT	Mark MORGAN		NWG	30.44
1	Ian MORGAN	43	NHL	33.16
2	John BYRNES	43	NML	33.74
3	Chris DANDO	42	NML	34.42
4	Doug TANTAU	44	VGP	34.44
5	Geoffrey MURPHY	43	NTR	35.37
6	David SLOAN	40	NLS	35.76
7	Darryl AYNSLEY	43	NHL	35.78
8	Peter GEDDES	44	NET	35.91
9	Gregory NORTH	44	VPP	36.15
10	Steve LOVEDAY	41	NHL	36.31

40-44 100m Backstroke

Best TT	Roderick SEE		NRT	1m10.59
1	Peter GEDDES	44	NET	1m17.03
2	Chris DANDO	42	NML	1m17.57
3	Neil WARREN	42	NSH	1m18.06
4	Ian MORGAN	43	NHL	1m18.24
5	Steve LOVEDAY	41	NHL	1m18.74
6	John BARRETT	40	QRT	1m24.12
7	Francis CHRISTIAN	41	VDC	1m24.40
8	Anthony JOHNSON	44	QDU	1m24.64
9	David SLOAN	40	NLS	1m25.10
10	Chris PALFREY	41	QTV	1m25.73

40-44 200m Backstroke

Best TT	Steve SELIG		VMV	2m33.07
1	Francis CHRISTIAN	41	VDC	2m49.85
2	Peter GEDDES	44	NET	2m52.90
3	Ian MORGAN	43	NHL	2m55.36
4	Richard STEELE	42	NTM	2m56.33
5	Rod PORTEOUS	40	QGS	3m01.63
6	John ORNSBY	42	VPP	3m03.00
7	Stephen WALKER	44	ATN	3m15.87
8	Murray JOHNSTON	42	WBB	3m18.06
9	Greg POETSCHKA	41	NTM	3m20.22
10	Glenn SARGESON	43	WGO	3m23.28

40-44 400m Backstroke

Best TT	Stephen LAMY		NML	5m35.35
1	Francis CHRISTIAN	41	VDC	5m38.59
2	Peter GEDDES	44	NET	5m50.48
3	Stuart PULLEN	42	NWO	5m50.63
4	John BARRETT	40	QRT	6m01.81
5	Rod PORTEOUS	40	QGS	6m23.28
6	Chris BATES	42	QMK	6m26.25
7	Mark TAYLOR	43	QGS	6m28.47
8	Stephen WALKER	44	ATN	6m38.37
9	Ian MORGAN	43	NHL	6m41.66
10	Gary BRYCE	44	NSH	6m50.76

1998 NATIONAL TOP TEN - MALE SHORT COURSE

40-44 800m Backstroke

Best TT	Stuart PULLEN		NWO	11m44.24
1	Stuart PULLEN	42	NWO	11m44.24
2	Francis CHRISTIAN	41	VDC	11m50.76
3	John BARRETT	40	QRT	12m05.36
4	Peter GEDDES	44	NET	12m10.76
5	Chris PALFREY	41	QTV	12m54.45
6	Mark TAYLOR	43	QGS	13m10.74
7	Rod PORTEOUS	40	QGS	13m12.96
8	Stephen WALKER	44	ATN	13m19.11
9	Chris BATES	42	QMK	13m53.30
10	Geoffrey MURPHY	43	NTR	14m01.99

40-44 1500m Backstroke

Best TT	Stuart PULLEN		NWO	22m24.70
1	Stuart PULLEN	42	NWO	22m24.70
2	Mark TAYLOR	43	QGS	24m57.84
3	Rod PORTEOUS	40	QGS	26m10.39
4	Chris BATES	42	QMK	26m16.47
5	Peter JELINEK	42	WBB	26m23.45
6	Geoffrey MURPHY	43	NTR	26m43.79
7	Stan RIDLAND	40	QMK	27m37.14
8	Steve SHENTON	43	QBN	27m52.43
9	Murray JOHNSTON	42	WBB	28m02.29
10	Ray SMYTHE	42	QTW	28m45.40

40-44 30MIN Backstroke

Best TT	Stuart PULLEN		NWO	1950m
1	Mark TAYLOR	43	QGS	1800m
2	Peter GEDDES	44	NET	1725m
3	Chris BATES	42	QMK	1675m
3	Peter JELINEK	42	WBB	1675m
5	Geoffrey MURPHY	43	NTR	1650m
6	Stan RIDLAND	40	QMK	1625m
7	Murray JOHNSTON	42	WBB	1525m
8	Wayne WOODS	41	VMV	1500m
8	Norman WOOSTER	43	QSC	1500m
10	Richard WARREN	44	SAT	1400m

40-44 45MIN Backstroke

Best TT	Stu FITCH		ACN	2875m
1	Mark TAYLOR	43	QGS	2625m
2	Geoffrey MURPHY	43	NTR	2425m
3	Chris BATES	42	QMK	2400m
4	Stan RIDLAND	40	QMK	2325m
5	Norman WOOSTER	43	QSC	2150m
6	Eric ELLEY	40	NET	1950m
6	Steven CLOUGH	44	NCT	1950m
8	Trevor BROWN	44	WWF	1800m

40-44 60MIN Backstroke

Best TT	Stu FITCH		ACN	3825m
1	Peter GEDDES	44	NET	3675m
2	Mark TAYLOR	43	QGS	3500m
3	Geoffrey MURPHY	43	NTR	3225m
4	Stan RIDLAND	40	QMK	3100m
5	Chris BATES	42	QMK	3075m
6	Norman WOOSTER	43	QSC	2900m
7	Steven CLOUGH	44	NCT	2600m
8	Trevor BROWN	44	WWF	2325m
9	Eric ELLEY	40	NET	2300m
10	Keith DONALDSON	43	NWS	1950m

40-44 50m Breaststroke

Best TT	Gary HENRY		QSM	33.09
1	Russell HENRY	41	QRC	34.20
2	John STACPOOLE	42	NSA	34.43
3	Tony WOOD	40	VDC	34.66
3	Ross WALLIS	42	VYR	34.66
5	Greg HOLL	41	VBG	35.32
6	Mark TAYLOR	43	QGS	35.44
7	Bradley BANERD	40	VMV	36.11
8	Alan GRIDGEMAN	44	NWG	36.26
9	Bryan HUGHES	41	NOF	36.43
10	Darryl AYNSLEY	43	NHL	37.17

40-44 100m Breaststroke

Best TT	Dale LOADER		NHL	1m14.12
1	Tony WOOD	40	VDC	1m16.26
2	Russell HENRY	41	QRC	1m16.74
3	John STACPOOLE	42	NSA	1m18.68
4	Mark TAYLOR	43	QGS	1m19.63
5	Greg HOLL	41	VBG	1m19.85
6	Alan GRIDGEMAN	44	NWG	1m19.90
7	Greg HARRIS	42	VPP	1m22.60
8	Jeffrey DE KONING	42	SAT	1m23.67
9	Chris FITZGERALD	41	QUW	1m27.11
10	Ray SMYTHE	42	QTW	1m27.65

40-44 200m Breaststroke

Best TT	Tony FISHER		NCR	2m42.79
1	Tony WOOD	40	VDC	2m48.89
2	Alan GRIDGEMAN	44	NWG	2m55.53
3	Greg HOLL	41	VBG	2m55.83
4	Russell HENRY	41	QRC	2m57.78
5	Greg HARRIS	42	VPP	3m06.25
6	Jeffrey DE KONING	42	SAT	3m07.62
7	Charles COTTON	42	NNS	3m13.84
8	David NORTHFIELD	42	QAJ	3m15.22
9	Francis CHRISTIAN	41	VDC	3m15.69
10	Wayne WOODS	41	VMV	3m17.44

40-44 400m Breaststroke

Best TT	Paul WYATT		NCR	6m04.49
1	Mark TAYLOR	43	QGS	6m24.50
2	Francis CHRISTIAN	41	VDC	6m32.44
3	Chris BATES	42	QMK	6m50.20
4	David NORTHFIELD	42	QAJ	6m51.11
5	Glenn SARGESON	43	WGO	6m56.87
6	Peter GEDDES	44	NET	6m58.88
7	Ray SMYTHE	42	QTW	7m16.74
8	John POZZI	41	QSC	7m19.41
9	Gary SPIEL	42	SAT	7m21.99
10	Nicholas CLARK	41	TLC	7m23.97

40-44 800m Breaststroke

Best TT	Stuart PULLEN		NWO	9m16.13
1	Mark TAYLOR	43	QGS	13m32.00
2	Francis CHRISTIAN	41	VDC	14m02.63
3	Chris BATES	42	QMK	14m08.80
4	Glenn SARGESON	43	WGO	14m15.87
5	John POZZI	41	QSC	14m49.52
6	Brian ENGLAND	42	QGS	15m10.37
7	Steve SHENTON	43	QBN	15m17.17
8	Stan RIDLAND	40	QMK	15m34.09

1998 NATIONAL TOP TEN - MALE SHORT COURSE

40-44 800m Breaststroke Continued

9	Peter JELINEK	42	WBB	15m54.00
10	Eric ELLEY	40	NET	15m55.47

40-44 1500m Breaststroke

Best TT	Dale LOADER		NHL	22m53.19
1	Mark TAYLOR	43	QGS	25m33.80
2	Francis CHRISTIAN	41	VDC	26m11.45
3	Ray SMYTHE	42	QTW	28m28.16
4	Brian ENGLAND	42	QGS	28m58.79
5	Steve SHENTON	43	QBN	29m51.38
6	Stan RIDLAND	40	QMK	30m47.72
7	David MOREWOOD	43	ATN	30m55.08
8	Geoffrey MURPHY	43	NTR	32m15.69
9	Eric ELLEY	40	NET	32m39.16
10	Norman WOOSTER	43	QSC	32m45.96

40-44 30MIN Breaststroke

Best TT	Stephen LANCE		WEP	1975m
1	Mark TAYLOR	43	QGS	1725m
2	Francis CHRISTIAN	41	VDC	1700m
3	David NORTHFIELD	42	QAJ	1625m
4	Steve SHENTON	43	QBN	1525m
5	Stan RIDLAND	40	QMK	1500m
6	David MOREWOOD	43	ATN	1425m
7	Murray JOHNSTON	42	WBB	1400m
8	Geoffrey MURPHY	43	NTR	1375m
9	Norman WOOSTER	43	QSC	1350m
10	Eric ELLEY	40	NET	1275m

40-44 45MIN Breaststroke

Best TT	Stu FITCH		ACN	2675m
1	Mark TAYLOR	43	QGS	2575m
2	Geoffrey MURPHY	43	NTR	2225m
3	Stan RIDLAND	40	QMK	2100m
4	Norman WOOSTER	43	QSC	2025m
5	Eric ELLEY	40	NET	2000m
6	Steven CLOUGH	44	NCT	1800m
7	Trevor BROWN	44	WWF	1325m
8	Keith DONALDSON	43	NWS	1300m

40-44 60MIN Breaststroke

Best TT	Paul WYATT		NCR	3750m
1	Mark TAYLOR	43	QGS	3425m
2	Stan RIDLAND	40	QMK	3000m
3	Steve SHENTON	43	QBN	2775m
4	Geoffrey MURPHY	43	NTR	2650m
5	Eric ELLEY	40	NET	2600m
5	Norman WOOSTER	43	QSC	2600m
7	Richard BARR	40	NET	2200m

40-44 50m Butterfly

Best TT	Mark MORGAN		NWG	27.39
1	David MARTIN	40	SAM	29.78
2	David GIBSON	43	VHM	29.96
3	Gregory NORTH	44	VPP	30.57
4	Steve LOVEDAY	41	NHL	31.48
5	Richard STEELE	42	NTM	31.50
6	John BYRNES	43	NML	31.63
7	R. CAMPBELL-BURNS	42	SAM	31.66
8	Peter SCHUSTER	42	VFR	31.73
9	Ross WALLIS	42	VYR	31.97

40-44 50m Butterfly Continued

10	Bryan HUGHES	41	NOF	32.40

40-44 100m Butterfly

Best TT	Mark MORGAN		NWG	1m02.27
1	Gregory NORTH	44	VPP	1m06.57
2	Francis CHRISTIAN	41	VDC	1m09.54
3	John BYRNES	43	NML	1m13.23
4	Glenn SARGESON	43	WGO	1m19.91
5	Peter GEDDES	44	NET	1m20.59
6	Steve POLLETT	42	VNA	1m23.16
7	Garry ROBINS	43	WWF	1m24.02
8	Philip MCDOUGAL	43	VBL	1m26.70
9	Norman WOOSTER	43	QSC	1m26.94
10	Martin SVENSON	43	TAC	1m39.70

40-44 200m Butterfly

Best TT	Grant SIMPSON		SAM	2m22.53
1	Francis CHRISTIAN	41	VDC	2m24.95
2	Norman WOOSTER	43	QSC	3m39.41
3	Gary BRYCE	44	NSH	3m48.13
4	Michael DORAN	41	TLC	4m07.56
5	Richard TAYLOR	43	NSH	4m07.63

40-44 400m Butterfly

Best TT	Francis CHRISTIAN		VDC	5m09.62
1	Francis CHRISTIAN	41	VDC	5m25.57
2	Chris BATES	42	QMK	6m57.94
3	Gary BRYCE	44	NSH	7m17.10
4	Norman WOOSTER	43	QSC	7m59.35
5	Stan RIDLAND	40	QMK	8m00.58
6	Rod PORTEOUS	40	QGS	8m17.02
7	Peter MALONEY	40	WML	8m33.08
8	Geoffrey MURPHY	43	NTR	8m37.90
9	Eric ELLEY	40	NET	8m50.03
10	Steven CLOUGH	44	NCT	9m36.61

40-44 800m Butterfly

Best TT	Francis CHRISTIAN		VDC	10m43.14
1	Francis CHRISTIAN	41	VDC	10m59.27
2	Chris BATES	42	QMK	14m29.35
3	Stan RIDLAND	40	QMK	16m20.73
4	Rod PORTEOUS	40	QGS	16m38.41
5	Norman WOOSTER	43	QSC	17m11.90
6	Geoffrey MURPHY	43	NTR	17m24.14
7	Eric ELLEY	40	NET	17m46.99
8	Gary BRYCE	44	NSH	18m24.03
9	Richard TAYLOR	43	NSH	20m33.57
10	Trevor BROWN	44	WWF	25m24.00

40-44 100m Ind. Medley

Best TT	Gary HENRY		QSM	1m06.56
1	John STACPOOLE	42	NSA	1m08.45
2	Ross WALLIS	42	VYR	1m10.51
3	Gregory NORTH	44	VPP	1m12.16
4	David GIBSON	43	VHM	1m13.44
5	Steve LOVEDAY	41	NHL	1m14.16
6	Alan GRIDGEMAN	44	NWG	1m14.41
7	John BYRNES	43	NML	1m14.62
8	Barrie CRICHTON	41	QRC	1m15.39
9	Darryl AYNSLEY	43	NHL	1m15.40
10	Bryan HUGHES	41	NOF	1m16.66

1998 NATIONAL TOP TEN - MALE SHORT COURSE

40-44 200m Ind. Medley

Best TT	Buddy PORTIER		VPP	2m29.51
1	Peter SCHUSTER	42	VFR	2m35.71
2	Stephen WALKER	44	ATN	2m46.68
3	Steve LOVEDAY	41	NHL	2m53.66
4	Glenn SARGESON	43	WGO	2m56.67
5	Richard FLOCKART	43	VPP	2m58.94
6	Ian MORGAN	43	NHL	2m59.23
7	Kingsley AGNEW	42	NTM	3m00.91
8	Wayne WOODS	41	VMV	3m04.42
9	Mark BESFORD	43	QSM	3m10.60
10	Nicholas CLARK	41	TLC	3m15.19

40-44 400m Ind. Medley

Best TT	Grant SIMPSON		SAM	5m16.47
1	Francis CHRISTIAN	41	VDC	5m29.30
2	Stephen WALKER	44	ATN	6m07.14
3	Peter GEDDES	44	NET	6m13.31
4	Chris BATES	42	QMK	6m19.68
5	Rodney JONES	42	QTT	6m40.93
6	Glenn SARGESON	43	WGO	6m41.48
7	Eric ELLEY	40	NET	6m46.34
8	Rod PORTEOUS	40	QGS	6m53.34
9	Murray JOHNSTON	42	WBB	7m00.82
10	Stan RIDLAND	40	QMK	7m02.51

40-44 800m Ind. Medley

Best TT	Francis CHRISTIAN		VDC	11m29.17
1	Francis CHRISTIAN	41	VDC	11m29.17
2	Chris BATES	42	QMK	13m36.54
3	Rod PORTEOUS	40	QGS	14m05.83
4	Brian ENGLAND	42	QGS	14m09.95
5	Murray JOHNSTON	42	WBB	14m25.84
6	Stan RIDLAND	40	QMK	14m42.87
7	Wayne WOODS	41	VMV	15m01.07
8	Patrick BURKE	40	QAJ	15m03.14
9	Gary BRYCE	44	NSH	15m07.28
10	Geoffrey MURPHY	43	NTR	15m23.67

****
*****
**

45-49 50m Freestyle

Best TT	Bruce WILLIAMSON		NWS	26.50
1	Bruce WILLIAMSON	46	NWS	26.54
2	Peter EMERY	49	QBC	27.50
2	Tony CURRAN	45	NET	27.50
4	David KING	45	NRY	27.63
5	Warren CRESWICK	46	NLS	28.04
6	Greg STEWART	45	NET	28.34
7	Stu FITCH	45	ACN	28.42
8	Stephen LAMY	49	NML	28.94
9	Stephen DUCKWORTH	46	NWG	28.95
10	George ADAMS	45	NTR	28.96

45-49 100m Freestyle

Best TT	Anthony STRAHAN		VDC	58.66
1	Bruce WILLIAMSON	46	NWS	58.81
2	David KING	45	NRY	59.72
3	Tony CURRAN	45	NET	59.93
4	Peter EMERY	49	QBC	1m01.05
5	Stephen TWARTZ	46	WSM	1m01.46
6	Stu FITCH	45	ACN	1m02.07
7	Bruce WILSON	48	WAB	1m03.98
8	Warren CRESWICK	46	NLS	1m04.32
9	Stephen DUCKWORTH	46	NWG	1m04.63
10	Graham MUNDY	48	NSA	1m04.71

45-49 200m Freestyle

Best TT	David KING		NRY	2m11.59
1	David KING	45	NRY	2m11.59
2	Tony CURRAN	45	NET	2m14.53
3	Stu FITCH	45	ACN	2m17.51
4	Stephen TWARTZ	46	WSM	2m17.69
5	Stephen DUCKWORTH	46	NWG	2m26.11
5	Bruce WILSON	48	WAB	2m26.11
7	Chris WEST	49	QWS	2m31.11
8	Peter GRIFFITHS	48	WOP	2m33.16
9	Simon WARD	46	QPR	2m34.09
10	Phillip FARMER	46	NNC	2m34.12

45-49 400m Freestyle

Best TT	Neil HICKEY		THB	4m45.50
1	Greg STEWART	45	NET	4m49.21
2	David KING	45	NRY	4m50.84
3	Stu FITCH	45	ACN	4m51.49
4	Tony CURRAN	45	NET	4m56.11
5	Don MARSH	48	TAC	4m56.14
6	Peter EMERY	49	QBC	4m58.92
7	Bruce WILSON	48	WAB	5m08.99
8	John PEMBERTON	47	TAC	5m09.63
9	Phillip FARMER	46	NNC	5m28.21
10	Michael COULTON	49	NGL	5m28.50

45-49 800m Freestyle

Best TT	David KING		NRY	9m45.36
1	David KING	45	NRY	9m45.36
2	Stu FITCH	45	ACN	10m18.61
3	Greg STEWART	45	NET	10m37.19
4	Tony CURRAN	45	NET	10m40.52
5	Bruce WILSON	48	WAB	11m06.47
6	Stephen DUCKWORTH	46	NWG	11m28.34
7	Bruce WILLIAMSON	46	NWS	11m29.30
8	Gerry TUCKER	49	VMV	11m29.84

45-49 800m Freestyle Continued

9	Ian PORTE	45	TLC	11m32.57
10	Clive FRASER	48	VKM	11m38.82

45-49 1500m Freestyle

Best TT	David KING		NRY	19m05.57
1	David KING	45	NRY	19m05.57
2	Stu FITCH	45	ACN	19m18.11
3	Peter EMERY	49	QBC	19m21.49
4	Greg STEWART	45	NET	19m35.98
5	Don MARSH	48	TAC	19m46.06
6	John PEMBERTON	47	TAC	20m47.68
7	Stephen LAMY	49	NML	20m56.45
8	Bruce WILSON	48	WAB	21m26.96
9	Gerry TUCKER	49	VMV	21m36.70
10	Ian PORTE	45	TLC	22m13.99

45-49 3000m Freestyle

Best TT	Stu FITCH		ACN	40m07.27
1	Stu FITCH	45	ACN	40m07.27
2	Bruce WILLIAMSON	46	NWS	47m01.18
3	Peter HOSKING	45	QBB	49m14.97
4	Jack DE BOER	46	NCT	52m23.23
5	Kevin STIRLING	45	NCT	58m08.72
6	Peter RITCHIE	48	NWS	59m31.92

45-49 5000m Freestyle

Best TT	David ATKINS		WRK	68m02.80
1	Peter RITCHIE	48	NWS	101m32.00

45-49 30MIN Freestyle

Best TT	Stu FITCH		ACN	2225m
	Greg STEWART		NET	
1	Stu FITCH	45	ACN	2225m
1	Greg STEWART	45	NET	2225m
3	David KING	45	NRY	2200m
4	Ian PORTE	45	TLC	2025m
5	Richard WILLIAMS	49	QTW	2000m
6	Tony CURRAN	45	NET	1975m
7	Bruce WILLIAMSON	46	NWS	1950m
8	David BROOK	49	QGS	1900m
9	Reg PUGH	46	QGS	1850m
10	Ian SIMMS	46	TLC	1825m

45-49 45MIN Freestyle

Best TT	David KING		NRY	3350m
1	David KING	45	NRY	3350m
2	Greg STEWART	45	NET	3125m
3	Tony CURRAN	45	NET	3000m
4	Ian PORTE	45	TLC	2975m
5	Bruce WILLIAMSON	46	NWS	2900m
6	William HOLLOWAY	47	VDC	2750m
6	Peter HOSKING	45	QBB	2750m
8	David BROOK	49	QGS	2725m
9	Murray BURNS	46	VDC	2700m
10	Patrick RILEY	48	QGS	2650m

45-49 60MIN Freestyle

Best TT	Paul WYATT		NCR	4250m
1	David KING	45	NRY	4000m
2	Clive FRASER	48	VKM	3900m
3	Bruce WILLIAMSON	46	NWS	3825m

45-49 60MIN Freestyle Continued

4	Peter HOSKING	45	QBB	3625m
5	David BROOK	49	QGS	3550m
6	Ian SHRIVES	45	VKM	3475m
6	Richard WILLIAMS	49	QTW	3475m
8	Nick WARDROP	47	NET	3425m
8	Reg PUGH	46	QGS	3425m
10	Patrick RILEY	48	QGS	3400m

45-49 50m Backstroke

Best TT	Greg STEWART		NET	32.11
1	Greg STEWART	45	NET	32.11
2	Len COOK	45	QHA	32.57
3	Bruce WILLIAMSON	46	NWS	33.22
4	Stephen LAMY	49	NML	33.39
5	Robert MCCARTNEY	45	VFR	34.00
6	Tony CURRAN	45	NET	34.22
7	Stephen TWARTZ	46	WSM	34.53
8	David KING	45	NRY	35.57
8	Warren CRESWICK	46	NLS	35.57
10	S. BONDARENKO	48	QCD	36.54

45-49 100m Backstroke

Best TT	Roderick SEE		NRT	1m11.98
1	Greg STEWART	45	NET	1m12.93
2	Stephen LAMY	49	NML	1m13.90
3	Robert MCCARTNEY	45	VFR	1m14.30
4	Len COOK	45	QHA	1m15.20
5	Steve SELIG	46	VMV	1m15.66
6	Tony CURRAN	45	NET	1m16.02
7	Clive FRASER	48	VKM	1m16.74
8	S. BONDARENKO	48	QCD	1m19.28
9	Stephen TWARTZ	46	WSM	1m20.70
10	Robert EAST	45	VSS	1m20.86

45-49 200m Backstroke

Best TT	Murray BURNS		VDC	2m25.26
1	Murray BURNS	46	VDC	2m25.26
2	Steve SELIG	46	VMV	2m33.26
3	Greg STEWART	45	NET	2m37.91
4	Stephen LAMY	49	NML	2m41.84
5	Clive FRASER	48	VKM	2m45.76
6	Warren CRESWICK	46	NLS	2m47.92
7	Robert MCCARTNEY	45	VFR	2m50.04
8	Peter RITCHIE	48	NWS	2m50.28
9	Robert EAST	45	VSS	2m51.84
10	Stu FITCH	45	ACN	2m59.97

45-49 400m Backstroke

Best TT	Stephen LAMY		NML	5m38.97
1	Greg STEWART	45	NET	5m47.12
2	David KING	45	NRY	5m53.96
3	Robert EAST	45	VSS	6m09.76
4	Tony CURRAN	45	NET	6m18.06
5	Peter KELLY	48	QRC	6m20.34
6	Stu FITCH	45	ACN	6m20.43
7	Clive FRASER	48	VKM	6m25.25
8	Bruce WILLIAMSON	46	NWS	6m27.53
9	Warren CRESWICK	46	NLS	6m32.28
10	Gerry TUCKER	49	VMV	6m40.14

1998 NATIONAL TOP TEN - MALE SHORT COURSE

45-49 800m Backstroke

Best TT	Greg STEWART		NET	11m44.73
1	Greg STEWART	45	NET	11m44.73
2	David KING	45	NRY	12m05.54
3	Stu FITCH	45	ACN	12m36.63
4	Peter KELLY	48	QRC	12m46.70
5	Robert EAST	45	VSS	12m53.81
6	Warren CRESWICK	46	NLS	13m04.31
7	Bruce WILLIAMSON	46	NWS	13m16.76
8	Gerry TUCKER	49	VMV	13m39.08
9	C. LOWRIE	45	WWF	13m43.67
10	Murray BURNS	46	VDC	14m00.02

45-49 1500m Backstroke

Best TT	Stephen LAMY		NML	23m01.20
1	Peter KELLY	48	QRC	24m07.94
2	Robert EAST	45	VSS	24m38.97
3	David KING	45	NRY	24m52.48
4	Bruce WILLIAMSON	46	NWS	25m29.08
5	Murray BURNS	46	VDC	26m38.07
6	Chris WEST	49	QWS	26m59.18
7	Philip OGDEN	49	TLC	27m04.23
8	William HOLLOWAY	47	VDC	28m13.12
9	Richard WILLIAMS	49	QTW	28m36.54
10	Robin SWEENEY	46	QBN	29m04.94

45-49 30MIN Backstroke

Best TT	Allan HARRIS		NWS	1800m
	David KING		NRY	
1	David KING	45	NRY	1800m
2	Bruce WILLIAMSON	46	NWS	1725m
3	Murray BURNS	46	VDC	1650m
4	Peter HOSKING	45	QBB	1625m
5	William HOLLOWAY	47	VDC	1575m
6	Peter RITCHIE	48	NWS	1525m
6	Robin SWEENEY	46	QBN	1525m
8	Richard WILLIAMS	49	QTW	1500m
9	Lewis SMITH	49	NCT	1475m
9	Hans PREISS	49	NCT	1475m

45-49 45MIN Backstroke

Best TT	Allan HARRIS		NWS	2750m
1	Bruce WILLIAMSON	46	NWS	2625m
2	Murray BURNS	46	VDC	2475m
3	Greg STEWART	45	NET	2425m
4	William HOLLOWAY	47	VDC	2275m
4	Peter HOSKING	45	QBB	2275m
6	Nick WARDROP	47	NET	2225m
7	Peter RITCHIE	48	NWS	2200m
8	Hans PREISS	49	NCT	2150m
8	Richard WILLIAMS	49	QTW	2150m
10	Kevin STIRLING	45	NCT	2100m

45-49 60MIN Backstroke

Best TT	Paul WYATT		NCR	3700m
1	Greg STEWART	45	NET	3500m
2	William HOLLOWAY	47	VDC	3025m
3	Nick WARDROP	47	NET	3000m
4	Richard WILLIAMS	49	QTW	2900m
5	Hans PREISS	49	NCT	2850m
6	Greg LINNERT	47	NET	2825m
7	John KULHAN	47	NTR	2600m

45-49 50m Breaststroke

Best TT	Michael WITHERS		NWG	34.80
1	Warren CRESWICK	46	NLS	34.86
2	Stephen TWARTZ	46	WSM	36.10
3	Peter MCMONAGLE	49	QTW	36.27
3	Graham WHITE	45	VNC	36.27
5	Stu FITCH	45	ACN	36.43
6	Kevin GALLOWAY	47	QHB	36.91
7	David KING	45	NRY	37.08
8	Garry RYDBERG	47	VPP	37.18
9	Steve SELIG	46	VMV	37.87
10	George ADAMS	45	NTR	37.97

45-49 100m Breaststroke

Best TT	Tony FISHER		NNS	1m15.15
1	Warren CRESWICK	46	NLS	1m18.13
2	Steve SELIG	46	VMV	1m18.74
3	David KING	45	NRY	1m20.01
4	Stu FITCH	45	ACN	1m21.50
5	Kevin GALLOWAY	47	QHB	1m22.77
6	Allan NICHOLS	45	TSB	1m23.84
7	Graham WHITE	45	VNC	1m25.39
8	Malcolm MOTUM	45	ACN	1m25.65
9	Len COOK	45	QHA	1m25.71
10	Murray BURNS	46	VDC	1m25.97

45-49 200m Breaststroke

Best TT	Paul WYATT		NCR	2m45.32
1	David KING	45	NRY	2m54.82
2	Warren CRESWICK	46	NLS	2m56.66
3	Stu FITCH	45	ACN	2m56.93
4	Ian SIMMS	46	TLC	3m04.15
5	Kevin GALLOWAY	47	QHB	3m04.17
6	Malcolm MOTUM	45	ACN	3m07.77
7	Allan NICHOLS	45	TSB	3m08.33
8	Robert MCINNES	46	NWO	3m08.73
9	Harald GATENBY	47	THB	3m16.68
10	Philip OGDEN	49	TLC	3m18.02

45-49 400m Breaststroke

Best TT	Paul WYATT		NCR	5m52.62
1	David KING	45	NRY	6m18.55
2	Stu FITCH	45	ACN	6m23.57
3	Bruce WILLIAMSON	46	NWS	6m52.34
4	Murray BURNS	46	VDC	6m56.61
5	Gerry TUCKER	49	VMV	7m07.44
6	Greg STEWART	45	NET	7m11.08
7	Richard WILLIAMS	49	QTW	7m13.64
8	Kevin STIRLING	45	NCT	7m14.53
9	Reg PUGH	46	QGS	7m22.00
10	Nick WARDROP	47	NET	7m22.40

45-49 800m Breaststroke

Best TT	Wayne MCCRAE		QTV	11m56.06
1	Wayne MCCRAE	47	QTV	11m56.06
2	David KING	45	NRY	13m07.96
3	Warren CRESWICK	46	NLS	13m35.78
4	Stu FITCH	45	ACN	13m36.21
5	Len COOK	45	QHA	13m41.77
6	Bruce WILLIAMSON	46	NWS	14m01.17
7	Gerry TUCKER	49	VMV	14m21.00
8	Murray BURNS	46	VDC	14m23.10

1998 NATIONAL TOP TEN - MALE SHORT COURSE

45-49 800m Breaststroke Continued

9	Kevin STIRLING	45	NCT	14m32.98
10	Greg STEWART	45	NET	14m47.06

45-49 1500m Breaststroke

Best TT	Paul WYATT		NCR	23m01.37
1	David KING	45	NRY	25m23.97
2	Stu FITCH	45	ACN	25m34.62
3	Bruce WILLIAMSON	46	NWS	27m31.42
4	Murray BURNS	46	VDC	27m39.11
5	Kevin STIRLING	45	NCT	27m40.06
6	Richard WILLIAMS	49	QTW	28m07.41
7	Greg STEWART	45	NET	28m54.80
8	Reg PUGH	46	QGS	29m31.24
9	Peter RITCHIE	48	NWS	29m31.48
10	William HOLLOWAY	47	VDC	29m36.00

45-49 30MIN Breaststroke

Best TT	David KING		NRY	1700m
1	David KING	45	NRY	1700m
2	Bruce WILLIAMSON	46	NWS	1650m
3	Murray BURNS	46	VDC	1600m
4	Kevin STIRLING	45	NCT	1525m
4	Peter HOSKING	45	QBB	1525m
6	Nick WARDROP	47	NET	1500m
7	David BROOK	49	QGS	1475m
7	Peter RITCHIE	48	NWS	1475m
9	William HOLLOWAY	47	VDC	1450m
9	P. BURCKHARDT	46	VSP	1450m

45-49 45MIN Breaststroke

Best TT	David KING		NRY	2500m
1	David KING	45	NRY	2500m
2	Murray BURNS	46	VDC	2375m
2	Bruce WILLIAMSON	46	NWS	2375m
4	Richard WILLIAMS	49	QTW	2325m
5	Kevin STIRLING	45	NCT	2225m
6	Reg PUGH	46	QGS	2200m
7	Nick WARDROP	47	NET	2100m
7	Greg STEWART	45	NET	2100m
9	Hans PREISS	49	NCT	2075m
10	P. BURCKHARDT	46	VSP	2050m

45-49 60MIN Breaststroke

Best TT	Paul WYATT		NCR	3750m
1.	Murray BURNS	46	VDC	3150m
2	Richard WILLIAMS	49	QTW	2925m
3	Greg STEWART	45	NET	2850m
4	Nick WARDROP	47	NET	2825m
5	P. BURCKHARDT	46	VSP	2725m
6	Russell OGDEN	49	QGS	2675m
6	Louis NEETHLING	48	QMK	2675m
8	Hans PREISS	49	NCT	2600m
9	John KULHAN	47	NTR	2525m
9	Bill BRANDLI	48	QGS	2525m

45-49 50m Butterfly

Best TT	Bruce WILLIAMSON		NWS	29.08
1	Bruce WILLIAMSON	46	NWS	30.01
2	David KING	45	NRY	30.28
3	Peter EMERY	49	QBC	30.54
4	George ADAMS	45	NTR	31.64

45-49 50m Butterfly Continued

5	Greg STEWART	45	NET	31.71
6	Michael WITTS	45	NTR	31.77
7	Mark EAVES	46	VWB	31.93
8	Stephen TWARTZ	46	WSM	31.95
9	Tony CURRAN	45	NET	32.02
10	Gerry TUCKER	49	VMV	32.26

45-49 100m Butterfly

Best TT	John COVACEVICH		QCN	1m04.18
1	Greg STEWART	45	NET	1m06.69
2	David KING	45	NRY	1m10.24
3	Ian PORTE	45	TLC	1m12.81
4	Gerry TUCKER	49	VMV	1m14.18
5	George ADAMS	45	NTR	1m16.46
6	Phillip WILLIAMS	48	NCR	1m17.70
7	Michael WITTS	45	NTR	1m17.88
8	Stu FITCH	45	ACN	1m18.45
9	Graham MUNDY	48	NSA	1m18.52
10	Mart HAGEL	45	VNA	1m19.82

45-49 200m Butterfly

Best TT	John COVACEVICH		QCN	2m24.21
1	Greg STEWART	45	NET	2m39.01
2	Ian PORTE	45	TLC	2m49.59
3	David KING	45	NRY	2m49.75
4	Don MARSH	48	TAC	2m55.13
5	Stu FITCH	45	ACN	3m01.62
6	Graham MUNDY	48	NSA	3m06.98
7	Gerry TUCKER	49	VMV	3m12.62
8	Murray BURNS	46	VDC	3m13.58
9	Robert FRANKLIN	46	VPP	3m22.46
10	Malcolm MOTUM	45	ACN	3m30.40

45-49 400m Butterfly

Best TT	Paul WYATT		NCR	5m59.91
1	David KING	45	NRY	6m02.87
2	Greg STEWART	45	NET	6m35.64
3	Gerry TUCKER	49	VMV	6m48.70
4	Murray BURNS	46	VDC	6m52.04
5	William HOLLOWAY	47	VDC	7m36.58
6	Len CAMPBELL	47	WGO	7m58.00
7	Richard WILLIAMS	49	QTW	8m01.47
8	Russell MCLEOD	48	NCT	8m22.23
9	Reg PUGH	46	QGS	8m23.29
10	Peter RITCHIE	48	NWS	8m34.03

45-49 800m Butterfly

Best TT	David KING		NRY	12m17.90
1	David KING	45	NRY	12m17.90
2	Gerry TUCKER	49	VMV	13m39.22
3	Murray BURNS	46	VDC	13m53.64
4	Greg STEWART	45	NET	13m55.98
5	William HOLLOWAY	47	VDC	15m24.48
6	Richard WILLIAMS	49	QTW	16m17.41
7	Len CAMPBELL	47	WGO	17m53.17
8	Peter RITCHIE	48	NWS	18m25.46
9	Russell MCLEOD	48	NCT	18m33.30
10	Louis NEETHLING	48	QMK	20m09.14

1998 NATIONAL TOP TEN - MALE SHORT COURSE

45-49 100m Ind. Medley

Best TT	Paul WYATT		NCR	1m09.31
1	David KING	45	NRY	1m09.79
2	Stephen TWARTZ	46	WSM	1m10.52
3	Bruce WILLIAMSON	46	NWS	1m11.08
4	Warren CRESWICK	46	NLS	1m12.23
5	Len COOK	45	QHA	1m13.71
6	Garry RYDBERG	47	VPP	1m13.98
7	Tony CURRAN	45	NET	1m15.09
8	Stu FITCH	45	ACN	1m15.36
9	Stephen LAMY	49	NML	1m15.90
10	Stephen DUCKWORTH	46	NWG	1m16.45

45-49 200m Ind. Medley

Best TT	Paul WYATT		NCR	2m32.08
1	David KING	45	NRY	2m35.58
2	Steve SELIG	46	VMV	2m36.87
3	Stu FITCH	45	ACN	2m42.87
4	John PEMBERTON	47	TAC	2m45.60
5	Len COOK	45	QHA	2m47.32
6	Stephen DUCKWORTH	46	NWG	2m53.66
7	Peter EMERY	49	QBC	2m57.86
8	Harald GATENBY	47	THB	3m00.37
9	Don MARSH	48	TAC	3m02.58
10	Malcolm MOTUM	45	ACN	3m03.87

45-49 400m Ind. Medley

Best TT	David KING		NRY	5m05.90
1	David KING	45	NRY	5m05.90
2	Greg STEWART	45	NET	6m01.15
3	Stu FITCH	45	ACN	6m04.31
4	John PEMBERTON	47	TAC	6m06.68
5	Ian PORTE	45	TLC	6m22.29
6	Allan NICHOLS	45	TSB	6m26.92
7	Gerry TUCKER	49	VMV	6m27.57
8	Warren CRESWICK	46	NLS	6m30.12
9	Harald GATENBY	47	THB	6m30.25
10	Murray BURNS	46	VDC	6m38.99

45-49 800m Ind. Medley

Best TT	Paul WYATT		NCR	11m41.82
1	David KING	45	NRY	11m51.45
2	Greg STEWART	45	NET	12m16.01
3	Gerry TUCKER	49	VMV	13m21.69
4	Ian PORTE	45	TLC	13m46.63
5	Murray BURNS	46	VDC	13m52.16
6	William HOLLOWAY	47	VDC	14m17.28
7	Peter HOSKING	45	QBB	14m52.68
8	Richard WILLIAMS	49	QTW	15m06.52
9	Reg PUGH	46	QGS	15m15.89
10	Nick WARDROP	47	NET	15m32.30

****
*****
**

50-54 50m Freestyle

Best TT	John MCDIARMID		NWG	27.17
1	Bronte EDWARDS	52	SAM	28.62
2	Ian DODD	52	NWG	28.89
3	David PETHER	51	WMV	29.12
4	Tony FISHER	50	NNS	29.13
5	Paul WYATT	52	NCR	29.56
6	Jeff BANKS	51	NLS	29.74
7	John PARRY	54	NWG	29.77
8	Barend DEEGENAARS	51	NSG	30.24
9	Trevor SKINNER	50	VMV	30.31
10	Don SPENDER	50	NNS	30.45

50-54 100m Freestyle

Best TT	John MCDIARMID		NWG	1m01.23
1	Noel BROADWAY	50	VBC	1m03.29
2	Ross WILCOCK	50	NET	1m04.69
3	Bronte EDWARDS	52	SAM	1m04.78
4	Jeff BANKS	51	NLS	1m04.82
5	Ian DODD	52	NWG	1m05.35
6	Russell PHEGAN	51	NRY	1m05.62
7	Victor PAUL	54	WCM	1m06.96
8	Don SPENDER	50	NNS	1m07.03
9	Ian FERGUS	53	WCM	1m07.91
10	Mark NIEMELA	50	NNS	1m08.06

50-54 200m Freestyle

Best TT	John MCDIARMID		NWG	2m20.75
1	Ross WILCOCK	50	NET	2m22.66
2	Jeff BANKS	51	NLS	2m25.34
3	Noel BROADWAY	50	VBC	2m25.36
4	Don SPENDER	50	NNS	2m28.10
5	Gary WINDUSS	52	VSP	2m31.20
6	Bronte EDWARDS	52	SAM	2m31.66
7	Owen WILLIAMS	51	QIF	2m33.92
8	Brian HAYES	53	NWG	2m34.25
9	John COLEMAN	50	NSG	2m35.51
10	John HOOD	50	SMR	2m38.97

50-54 400m Freestyle

Best TT	Gary WINDUSS		VSP	5m06.25
1	Gary WINDUSS	52	VSP	5m06.25
2	John MCLEOD	51	QRH	5m18.25
3	David PETHER	51	WMV	5m21.74
4	Francis GODDEN	54	VDC	5m26.58
5	John COLEMAN	50	NSG	5m28.46
6	Bill COOK	52	NET	5m36.74
7	Owen WILLIAMS	51	QIF	5m37.05
8	Gregory MCGRODER	50	NTR	5m39.00
9	Don SPENDER	50	NNS	5m48.94
10	Russel FOWLER	51	WMV	5m50.11

50-54 800m Freestyle

Best TT	Richard SARGENT		QBB	6m17.64
1	Gary WINDUSS	52	VSP	10m44.95
2	Francis GODDEN	54	VDC	11m02.03
3	Owen WILLIAMS	51	QIF	11m35.10
4	David PETHER	51	WMV	11m42.85
5	Don SPENDER	50	NNS	11m45.04
6	Richard HODGE	50	QLG	12m04.05
7	Bruce ALLENDER	54	VMV	12m12.38
8	Russel FOWLER	51	WMV	12m15.74

1998 NATIONAL TOP TEN - MALE SHORT COURSE

50-54 800m Freestyle Continued

9	Peter LORD	51	VSP	12m15.80
10	David SMITH	50	QIF	12m26.58

50-54 1500m Freestyle

Best TT	Paul WYATT		NCR	20m43.84
1	Gary WINDUSS	52	VSP	21m21.90
2	Don SPENDER	50	NNS	21m57.52
3	David PETHER	51	WMV	23m06.00
4	Owen WILLIAMS	51	QIF	23m13.28
5	Paul GILBERT	51	NCT	23m38.55
6	James FRAYNE	52	QPR	23m54.35
7	Peter LORD	51	VSP	23m58.18
8	Peter STORER	50	QPR	24m07.09
9	David SMITH	50	QIF	24m12.61
10	Richard SARGENT	51	QBB	24m23.35

50-54 3000m Freestyle

Best TT	Paul WYATT		NCR	42m58.20
1	Owen WILLIAMS	51	QIF	47m50.68
2	David SMITH	50	QIF	50m01.68
3	Brian WALSH	53	VDC	54m39.95

50-54 5000m Freestyle

Best TT	Allan GREGSON		NHL	73m25.13
1	Owen WILLIAMS	51	QIF	80m06.00
2	David SMITH	50	QIF	85m00.00

50-54 30MIN Freestyle

Best TT	Paul WYATT		NCR	2175m
1	Owen WILLIAMS	51	QIF	1900m
2	David SMITH	50	QIF	1800m
2	Russel FOWLER	51	WMV	1800m
4	Peter LORD	51	VSP	1750m
5	Hector BEVERIDGE	54	TLC	1725m
5	Gregory MCGRODER	50	NTR	1725m
7	Brian WALSH	53	VDC	1675m
7	Peter HARVEY	53	WGO	1675m
9	Geoff GRAHAM	50	QGS	1600m
9	Graeme MCAUSLANE	54	WMH	1600m

50-54 45MIN Freestyle

Best TT	Paul WYATT		NCR	3125m
1	Owen WILLIAMS	51	QIF	2825m
2	Paul GILBERT	51	NCT	2725m
3	David SMITH	50	QIF	2700m
4	Russel FOWLER	51	WMV	2675m
5	Peter LORD	51	VSP	2650m
6	Brian WALSH	53	VDC	2525m
7	Hector BEVERIDGE	54	TLC	2500m
8	Geoff GRAHAM	50	QGS	2350m
9	Bob TREMAYNE	51	NET	2200m
10	John T ROBIJN	51	WMH	2125m

50-54 60MIN Freestyle

Best TT	Paul WYATT		NCR	4175m
1	Owen WILLIAMS	51	QIF	3800m
2	David SMITH	50	QIF	3600m
3	Russel FOWLER	51	WMV	3550m
4	Peter LORD	51	VSP	3450m
5	Robert STEWART	51	VKM	3300m
6	Brian WALSH	53	VDC	3275m

50-54 60MIN Freestyle Continued

7	Peter GRACE	51	QBN	3050m
8	Ken PHILLIPS	53	WMH	3000m
9	Bob TREMAYNE	51	NET	2975m
10	Robert BUCHANAN	50	WWF	2575m

50-54 50m Backstroke

Best TT	Patrick DEVINE		VMV	33.58
1	Brian HAYES	53	NWG	34.92
2	Roy COLAM	52	WCR	35.73
3	Peter SHARP	54	VSN	35.87
4	Ian DODD	52	NWG	36.82
5	Russell PHEGAN	51	NRY	37.25
6	Patrick DEVINE	51	VMV	37.38
7	Bruce ALLENDER	54	VMV	39.98
8	Barend DEEGENAARS	51	NSG	40.38
9	John PARRY	54	NWG	40.60
10	Russel FOWLER	51	WMV	40.63

50-54 100m Backstroke

Best TT	Robert BARRY		NLS	1m14.70
1	Roy COLAM	52	WCR	1m16.96
2	Brian HAYES	53	NWG	1m17.51
3	Patrick DEVINE	51	VMV	1m18.69
4	Peter SHARP	54	VSN	1m20.27
5	Owen WILLIAMS	51	QIF	1m26.28
6	Ian FERGUS	53	WCM	1m26.76
7	B. ROBERTSON-DUNN	53	ATN	1m28.24
8	Geoffrey CASHMAN	53	SAT	1m29.27
9	John GAMLEN	51	STT	1m31.19
10	Russel FOWLER	51	WMV	1m31.78

50-54 200m Backstroke

Best TT	Patrick DEVINE		VMV	2m43.29
1	Patrick DEVINE	51	VMV	2m43.29
2	Peter SHARP	54	VSN	2m54.18
3	Brian HAYES	53	NWG	2m54.47
4	Ross WILCOCK	50	NET	2m54.55
5	David PETHER	51	WMV	3m01.34
6	Kris LUBER	53	VSS	3m09.96
7	John GAMLEN	51	STT	3m12.47
8	Charles HAHN	52	NCR	3m15.38
9	Laurance BRETT	54	SAT	3m17.59
10	Russel FOWLER	51	WMV	3m23.74

50-54 400m Backstroke

Best TT	Robert BARRY		NLS	5m57.00
1	Owen WILLIAMS	51	QIF	6m48.40
2	Allan HARRIS	50	NWS	6m53.34
3	Peter GRACE	51	QBN	6m59.27
4	Russel FOWLER	51	WMV	7m09.66
5	Stan PEARSON	50	QCD	7m22.88
6	Brian WALSH	53	VDC	7m33.07
7	Geoff GRAHAM	50	QGS	7m40.85
8	David SMITH	50	QIF	7m42.55
9	Peter LORD	51	VSP	7m45.12
10	Richard SARGENT	51	QBB	7m51.94

50-54 800m Backstroke

Best TT	Paul WYATT		NCR	12m16.03
1	Allan HARRIS	50	NWS	14m15.81
2	Owen WILLIAMS	51	QIF	14m23.97

50-54 800m Backstroke Continued

3	Russel FOWLER	51	WMV	14m46.16
4	Peter GRACE	51	QBN	14m50.20
5	Brian WALSH	53	VDC	15m36.95
6	Stan PEARSON	50	QCD	15m46.39
7	David BUCKLEY	51	ATN	15m54.22
8	David SMITH	50	QIF	15m56.65
9	Geoff GRAHAM	50	QGS	16m14.47
10	Richard SARGENT	51	QBB	16m19.43

50-54 1500m Backstroke

Best TT	Paul WYATT		NCR	23m50.90
1	Allan HARRIS	50	NWS	27m06.98
2	Russel FOWLER	51	WMV	27m44.53
3	Peter GRACE	51	QBN	28m12.03
4	Brian WALSH	53	VDC	29m28.06
5	Stan PEARSON	50	QCD	30m44.42
6	Geoff GRAHAM	50	QGS	31m13.00
7	Richard SARGENT	51	QBB	31m25.28
8	Peter LORD	51	VSP	31m43.97
9	Phil MANDER	51	WWF	35m54.33
10	Roger MONTGOMERY	53	NWS	36m05.27

50-54 30MIN Backstroke

Best TT	Paul WYATT		NCR	1875m
1	Russel FOWLER	51	WMV	1600m
2	Peter GRACE	51	QBN	1575m
3	Brian WALSH	53	VDC	1550m
4	Geoff GRAHAM	50	QGS	1450m
5	Peter LORD	51	VSP	1425m
5	Richard SARGENT	51	QBB	1425m
7	Phil MANDER	51	WWF	1250m
8	Kevin PRICE	50	NCT	1225m
9	Bob TREMAYNE	51	NET	1150m
10	Hilary MORRISON	52	NWS	975m

50-54 45MIN Backstroke

Best TT	Paul WYATT		NCR	2775m
1	Allan HARRIS	50	NWS	2425m
2	Russel FOWLER	51	WMV	2400m
3	Brian WALSH	53	VDC	2275m
4	Peter GRACE	51	QBN	2200m
5	Peter LORD	51	VSP	2125m
5	Geoff GRAHAM	50	QGS	2125m
7	Roger MONTGOMERY	53	NWS	1825m
8	Bob TREMAYNE	51	NET	1550m
9	Hilary MORRISON	52	NWS	1400m
10	John EATON	52	NGR	1275m

50-54 60MIN Backstroke

Best TT	Paul WYATT		NCR	3700m
1	Russel FOWLER	51	WMV	3150m
2	Brian WALSH	53	VDC	2825m
3	Peter LORD	51	VSP	2775m
4	Hilary MORRISON	52	NWS	1925m
5	John EATON	52	NGR	1575m

50-54 50m Breaststroke

Best TT	B. ROBERTSON-DUNN		ATN	35.38
1	Paul WYATT	52	NCR	36.17
2	John MARSHALL	54	QBN	37.93
3	Robert MUIR	50	VNL	38.35

50-54 50m Breaststroke Continued

4	Chris SHAPLAND	51	QPN	38.54
5	Brian WALSH	53	VDC	38.87
6	Francis GODDEN	54	VDC	39.10
7	Mark NIEMELA	50	NNS	39.16
8	Fred GUILHAUS	51	SAM	39.18
9	Brian HUNT	54	WMV	40.02
10	Victor PAUL	54	WOM	40.12

50-54 100m Breaststroke

Best TT	Paul WYATT		NCR	1m18.26
1	Paul WYATT	52	NCR	1m18.26
2	Tony FISHER	50	NNS	1m18.92
3	B. ROBERTSON-DUNN	53	ATN	1m22.83
4	Robert MUIR	50	VNL	1m26.20
5	Francis GODDEN	54	VDC	1m26.44
6	John MARSHALL	54	QBN	1m26.56
7	Brian WALSH	53	VDC	1m29.43
8	Johan DREYER	51	WMH	1m29.84
9	Kris LUBER	53	VSS	1m31.30
10	Mark NIEMELA	50	NNS	1m31.34

50-54 200m Breaststroke

Best TT	Paul WYATT		NCR	2m48.18
1	Paul WYATT	52	NCR	2m53.57
2	Charles HAHN	52	NCR	3m09.59
3	Robert MUIR	50	VNL	3m12.22
4	Alastair WILL	53	SAM	3m26.22
5	Brian HUNT	54	WMV	3m26.79
6	Fred GUILHAUS	51	SAM	3m26.83
7	Urio BONACINA	51	NSH	3m36.84
8	Hugh MCARTHUR	53	QCN	3m37.82
9	James BOLGER	51	WAB	3m40.73
10	Brian WALSH	53	VDC	3m41.06

50-54 400m Breaststroke

Best TT	Paul WYATT		NCR	5m57.35
1	Peter GRACE	51	QBN	7m18.10
2	Brian WALSH	53	VDC	7m19.76
3	James BOLGER	51	WAB	7m20.37
4	Johan DREYER	51	WMH	7m22.40
5	Russel FOWLER	51	WMV	7m24.22
6	Brian HUNT	54	WMV	7m25.59
7	Don SPENDER	50	NNS	7m37.06
8	Stan PEARSON	50	QCD	7m42.00
9	David SMITH	50	QIF	7m42.82
10	John O'DOWD	53	VMV	7m51.49

50-54 800m Breaststroke

Best TT	Paul WYATT		NCR	12m29.12
1	Jay NEVILLE	52	QMM	14m00.72
2	Brian WALSH	53	VDC	15m04.94
3	Peter GRACE	51	QBN	15m08.40
4	Russel FOWLER	51	WMV	15m21.23
5	Stan PEARSON	50	QCD	15m26.16
6	David SMITH	50	QIF	15m55.03
7	James BOLGER	51	WAB	16m06.11
8	Geoff GRAHAM	50	QGS	16m12.98
9	John O'DOWD	53	VMV	16m16.91
10	Peter LORD	51	VSP	16m32.32

50-54 1500m Breaststroke

Best TT	Paul WYATT		NCR	23m42.06
1	Peter MCKENZIE	50	TLC	24m44.14
2	Jay NEVILLE	52	QMM	26m41.67
3	Brian HUNT	54	WMV	29m10.35
4	Russel FOWLER	51	WMV	29m25.41
5	Brian WALSH	53	VDC	29m52.61
6	Johan DREYER	51	WMH	30m44.00
7	Geoff GRAHAM	50	QGS	31m58.15
8	Peter GRACE	51	QBN	32m06.84
9	Bob TREMAYNE	51	NET	33m36.04
10	Peter LORD	51	VSP	33m55.74

50-54 30MIN Breaststroke

Best TT	Paul WYATT		NCR	1900m
1	Brian WALSH	53	VDC	1500m
1	Russel FOWLER	51	WMV	1500m
3	Johan DREYER	51	WMH	1475m
4	Geoff GRAHAM	50	QGS	1375m
5	Peter LORD	51	VSP	1350m
6	Bob TREMAYNE	51	NET	1325m
7	John T ROBIJN	51	WMH	1200m
8	Roger MONTGOMERY	53	NWS	1125m
9	Hilary MORRISON	52	NWS	1075m
9	Kevin PRICE	50	NCT	1075m

50-54 45MIN Breaststroke

Best TT	Paul WYATT		NCR	2800m
1	Brian WALSH	53	VDC	2225m
2	Russel FOWLER	51	WMV	2200m
3	Peter GRACE	51	QBN	2100m
4	Geoff GRAHAM	50	QGS	2075m
5	Peter LORD	51	VSP	2025m
6	Hilary MORRISON	52	NWS	1625m
7	John EATON	52	NGR	1225m

50-54 60MIN Breaststroke

Best TT	Paul WYATT		NCR	3725m
1	Brian WALSH	53	VDC	2975m
2	Russel FOWLER	51	WMV	2900m
3	Urio BONACINA	51	NSH	2750m
4	Geoff GRAHAM	50	QGS	2725m
5	Peter GRACE	51	QBN	2625m
6	Peter LORD	51	VSP	2600m
7	Bob TREMAYNE	51	NET	2425m
8	Phil MANDER	51	WWF	2325m
9	Hilary MORRISON	52	NWS	2200m

50-54 50m Butterfly

Best TT	Peter JACKSON		NWG	30.00
1	John PARRY	54	NWG	31.42
2	Paul WYATT	52	NCR	31.49
3	Tony FISHER	50	NNS	32.09
4	Bronte N EDWARDS	52	SAM	32.25
5	David MACPHIE	53	VNL	33.36
6	Chris SHAPLAND	51	QPN	33.40
7	David PETHER	51	WMV	33.57
8	John MARSHALL	54	QBN	33.78
9	Patrick DEVINE	51	VMV	34.02
10	Gwyn WILLIAMS	53	WMV	34.24

50-54 100m Butterfly

Best TT	Peter GILMOUR		NRY	1m09.42
1	Paul WYATT	52	NCR	1m13.62
2	Noel BROADWAY	50	VBC	1m14.94
3	David WILLIAMS	50	VPD	1m24.32
4	David MACPHIE	53	VNL	1m24.81
5	Stan PEARSON	50	QCD	1m30.47
6	Jay NEVILLE	52	QMM	1m32.44
7	Bruce HYDE	52	WCM	1m34.11
8	James BOLGER	51	WAB	1m37.51
9	Wayne WOOLER	54	QRH	1m39.57
10	Richard SARGENT	51	QBB	1m42.86

50-54 200m Butterfly

Best TT	Peter GILMOUR		NRY	2m36.95
1	Jay NEVILLE	52	QMM	3m16.25
2	Wilson GAMBLE	54	NWG	3m29.60
3	Brian WALSH	53	VDC	3m37.62
4	Allan HARRIS	50	NWS	3m41.02
5	Stan PEARSON	50	QCD	3m46.75
6	Bill COOK	52	NET	3m53.35
7	Colin MCCRAITH	53	VHM	4m07.24
8	Richard SARGENT	51	QBB	4m09.32
9	Roger MONTGOMERY	53	NWS	5m19.66
10	Hilary MORRISON	52	NWS	5m57.39

50-54 400m Butterfly

Best TT	Paul WYATT		NCR	6m08.64
1	Jay NEVILLE	52	QMM	7m06.75
2	Brian WALSH	53	VDC	7m28.11
3	Allan HARRIS	50	NWS	7m42.96
4	Johan DREYER	51	WMH	7m47.67
5	Max WANNELL	53	WCR	8m31.03
6	Peter GRACE	51	QBN	8m32.07
7	Kevin PRICE	50	NCT	9m13.49
8	Colin MCCRAITH	53	VHM	9m22.09
9	Hilary MORRISON	52	NWS	11m28.29
10	Roger MONTGOMERY	53	NWS	11m56.45

50-54 800m Butterfly

Best TT	Peter GILMOUR		NRY	12m45.94
1	Brian WALSH	53	VDC	16m34.42
2	Peter GRACE	51	QBN	18m25.28
3	Kevin PRICE	50	NCT	19m23.34
4	Roger MONTGOMERY	53	NWS	30m11.89

50-54 100m Ind. Medley

Best TT	Patrick DEVINE		VMV	1m10.58
1	Patrick DEVINE	51	VMV	1m10.58
2	Chris SHAPLAND	51	QPN	1m12.25
3	Paul WYATT	52	NCR	1m12.72
4	Ian FERGUS	53	WCM	1m14.10
5	Russell PHEGAN	51	NRY	1m15.69
6	Ross WILCOCK	50	NET	1m16.32
7	Charles HAHN	52	NCR	1m18.74
8	Victor PAUL	54	WCM	1m18.86
9	Trevor SKINNER	50	VMV	1m20.56
10	Paul ATKINSON	54	QJJ	1m21.71

1998 NATIONAL TOP TEN - MALE SHORT COURSE

50-54 200m Ind. Medley

Best TT	Paul WYATT		NCR	2m38.21
1	Patrick DEVINE	51	VMV	2m38.63
2	Paul WYATT	52	NCR	2m41.17
3	Kris LUBER	53	VSS	3m08.65
4	David PETHER	51	WMV	3m09.62
5	John HOOD	50	SMR	3m10.44
6	Alastair WILL	53	SAM	3m12.81
7	Russel FOWLER	51	WMV	3m13.36
8	Brian HUNT	54	WMV	3m16.50
9	Geoffrey CASHMAN	53	SAT	3m17.82
10	Stan PEARSON	50	QCD	3m21.65

50-54 400m Ind. Medley

Best TT	Paul WYATT		NCR	5m36.77
1	Russel FOWLER	51	WMV	7m09.02
2	Peter GRACE	51	QBN	7m11.95
3	Allan HARRIS	50	NWS	7m28.38
4	Richard SARGENT	51	QBB	7m32.18
5	Geoff GRAHAM	50	QGS	7m36.35
6	Brian WALSH	53	VDC	7m37.83
7	Kevin PRICE	50	NCT	8m21.93
8	Thomas HADWELL	50	NGL	8m24.14
9	Bob TREMAYNE	51	NET	8m42.57
10	Phil MANDER	51	WWF	8m50.50

50-54 800m Ind. Medley

Best TT	Paul WYATT		NCR	12m05.06
1	Russel FOWLER	51	WMV	14m56.08
2	Peter GRACE	51	QBN	15m04.71
3	Allan HARRIS	50	NWS	15m31.73
4	Brian WALSH	53	VDC	15m40.78
5	Richard SARGENT	51	QBB	15m48.22
6	Kevin PRICE	50	NCT	17m38.04
7	Phil MANDER	51	WWF	19m23.12
8	Roger MONTGOMERY	53	NWS	20m47.90
9	Hilary MORRISON	52	NWS	22m17.23
10	John EATON	52	NGR	30m05.39

****
*****
**

55-59 50m Freestyle

Best TT	Tony STRAHAN		VDC	27.35
1	Tony STRAHAN	56	VDC	27.35
2	Ian INGRAM	55	ACN	28.88
3	Bill HARRIS	57	NML	29.56
4	John PAGDEN	57	NWG	29.95
5	Gary STUTSEL	59	NTR	30.25
6	Michael GRAY	59	SAM	30.91
7	John THOMAS	59	QLG	30.98
8	Maurice JUNK	59	WSM	31.26
9	Bob FORD	59	NML	31.27
10	Michael SLOAN	56	VDC	31.29

55-59 100m Freestyle

Best TT	Tony STRAHAN		VDC	1m01.13
1	Tony STRAHAN	56	VDC	1m01.13
2	Bill HARRIS	57	NML	1m05.60
3	John PAGDEN	57	NWG	1m08.09
4	Maurice JUNK	59	WSM	1m08.43
5	John MORRISON	55	QPN	1m09.44
6	Bob FORD	59	NML	1m09.82
7	Terry O'BRIEN	56	VYR	1m10.25
8	John THOMAS	59	QLG	1m10.47
9	Mal INNES	57	TTL	1m10.76
10	David ROSS	57	NWG	1m11.09

55-59 200m Freestyle

Best TT	Tony STRAHAN		VDC	2m15.30
1	Tony STRAHAN	56	VDC	2m15.30
2	Bill HARRIS	57	NML	2m26.74
3	Bob FORD	59	NML	2m31.22
4	David ROSS	57	NWG	2m36.94
5	Mal INNES	57	TTL	2m37.28
6	Ian INGRAM	55	ACN	2m40.25
7	John MORRISON	55	QPN	2m43.24
8	Maurice JUNK	59	WSM	2m44.43
9	G. CARPENTER	57	NPM	2m47.67
10	Russell CLARKE	58	SAM	2m50.10

55-59 400m Freestyle

Best TT	Robert BARRY		NLS	5m19.36
1	John MORRISON	55	QPN	5m19.67
2	Ian INGRAM	55	ACN	5m33.16
3	Mal INNES	57	TTL	5m34.63
4	Bill HARRIS	57	NML	5m42.27
5	Tony STRAHAN	56	VDC	5m46.27
6	Tom O'CONNOR	56	VBC	5m46.56
7	Peter FORSTER	56	QTW	5m54.62
8	Gary MARKER	58	QTV	6m09.79
9	Brian DAVIS	57	VMV	6m20.00
10	Michael MOLONEY	59	VPP	6m21.63

55-59 800m Freestyle

Best TT	John CRISP		QMM	11m16.20
1	John MORRISON	55	QPN	11m22.71
2	Tom O'CONNOR	56	VBC	11m29.46
3	Tony STRAHAN	56	VDC	11m33.42
4	Bill HARRIS	57	NML	12m17.36
5	Michael MOLONEY	59	VPP	12m49.37
6	Bill HEBER	58	NET	12m55.51
7	Gary STUTSEL	59	NTR	13m04.07
8	Geoff ROBINSON	58	QMK	13m11.73

1998 NATIONAL TOP TEN - MALE SHORT COURSE

55-59 800m Freestyle Continued

9	Brian DAVIS	57	VMV	13m13.39
10	Mike SNOAD	55	ATN	13m18.97

55-59 1500m Freestyle

Best TT	John CRISP		QMM	21m09.95
1	Tony STRAHAN	56	VDC	21m29.45
2	John MORRISON	55	QPN	21m41.41
3	Mal INNES	57	TTL	22m38.36
4	Bill HARRIS	57	NML	23m13.02
5	Brian DAVIS	57	VMV	24m43.40
6	Gary STUTSEL	59	NTR	25m50.12
7	Mike SNOAD	55	ATN	25m50.27
8	Bob WADE	59	QLG	25m50.43
9	Ken BREWSTER	55	QLG	26m03.82
10	Rob LUCAS	55	QMK	26m31.60

55-59 3000m Freestyle

Best TT	Robert MOORE		NTM	44m46.00
1	Bill HARRIS	57	NML	46m18.19
2	Brian LETCHER	58	NET	66m29.66
3	Ronald PRIOR	58	NCT	72m06.04

55-59 5000m Freestyle

Best TT	John HAWTHORNE		NHN	81m15.20
1	Brian LETCHER	58	NET	114m12.00

55-59 30MIN Freestyle

Best TT	Robert MOORE		NTM	2000m
	John PUGH		TLC	
1	Bill HARRIS	57	NML	1950m
2	Bill HEBER	58	NET	1700m
3	Rob LUCAS	55	QMK	1600m
3	Ken BREWSTER	55	QLG	1600m
3	Bob WADE	59	QLG	1600m
6	Bill HILL	57	QBN	1575m
7	Alan PASK	56	VDC	1525m
8	E. GANFIELD	58	WBB	1450m
9	Leslie FREELAND	56	SAT	1425m
9	Bill PERRY	59	NWS	1425m

55-59 45MIN Freestyle

Best TT	John PUGH		TLC	2975m
1	Bill HARRIS	57	NML	2925m
2	Bill HEBER	58	NET	2500m
3	Rob LUCAS	55	QMK	2350m
4	Alan PASK	56	VDC	2225m
5	Errol GOODE	55	QSC	2000m
6	Brian LETCHER	58	NET	1975m
7	Doug HOGAN	55	QGS	1925m
8	Ronald PRIOR	58	NCT	1900m
9	Peter BAGULEY	57	QAJ	1825m
10	Joe JONES	59	QTW	1575m

55-59 60MIN Freestyle

Best TT	Bill HARRIS		NML	3925m
1	Bill HARRIS	57	NML	3925m
2	Rodney HORSFIELD	55	VKM	3750m
3	Bill HEBER	58	NET	3150m
4	Rob LUCAS	55	QMK	3125m
5	Brian LETCHER	58	NET	2775m
6	Doug HOGAN	55	QGS	2550m

55-59 60MIN Freestyle Continued

7	Ronald PRIOR	58	NCT	2450m
7	Joe JONES	59	QTW	2450m
9	Peter BAGULEY	57	QAJ	2350m

55-59 50m Backstroke

Best TT	Tony STRAHAN		VDC	34.96
1	Tony STRAHAN	56	VDC	34.96
2	John PAGDEN	57	NWG	38.09
3	Gary NICHOLLS	58	NCR	38.47
4	Michael GRAY	59	SAM	39.72
5	Gary STUTSEL	59	NTR	40.87
6	Manfred KRAUT	57	WSM	41.64
7	G. CARPENTER	57	NPM	41.69
8	Peter MURRAY	55	NNS	42.66
9	Michael SLOAN	56	VDC	42.87
10	Eric EDGEWORTH	57	QIP	43.19

55-59 100m Backstroke

Best TT	Robert BARRY		NLS	1m16.83
1	Gary NICHOLLS	58	NCR	1m23.94
2	Gary STUTSEL	59	NTR	1m39.86
3	Peter MURRAY	55	NNS	1m41.06
4	Maurice AMBROSOLI	57	QHB	1m43.93
5	R. MAZZUCCHELLI	58	WMV	1m44.00
6	Phillip FORD	57	ACN	1m44.56
7	John MACDONALD	56	WOP	1m45.97
8	Lou DARVENIZA	55	QTV	1m53.85
9	Rob KNIGHT	56	QTV	1m55.26
10	E. GANFIELD	58	WBB	1m55.62

55-59 200m Backstroke

Best TT	Robert BARRY		NLS	2m46.40
1	Gary NICHOLLS	58	NCR	3m05.81
2	Gary STUTSEL	59	NTR	3m21.76
3	Phillip FORD	57	ACN	3m36.71
4	Darryl HAWKES	59	SMR	3m37.80
5	Maurice AMBROSOLI	57	QHB	3m44.88
6	R. MAZZUCCHELLI	58	WMV	3m48.24
7	Peter MURRAY	55	NNS	3m58.76
8	Peter DOMBROSKI	56	NCH	4m03.71
9	John MATTHEW	59	NNC	4m06.58
10	E. GANFIELD	58	WBB	4m08.91

55-59 400m Backstroke

Best TT	Robert BARRY		NLS	5m56.87
1	Mal INNES	57	TTL	7m09.30
2	Gary STUTSEL	59	NTR	7m14.43
3	Phillip FORD	57	ACN	7m20.89
4	Rob KELLY	57	QCN	7m22.39
5	Bob WADE	59	QLG	7m23.60
6	Peter FORSTER	56	QTW	7m29.95
7	R. MAZZUCCHELLI	58	WMV	7m49.82
8	Maurice AMBROSOLI	57	QHB	7m56.09
9	Bill HEBER	58	NET	7m57.99
10	Paul O'GORMAN	56	QTW	8m30.06

55-59 800m Backstroke

Best TT	John PUGH		TLC	13m33.81
1	Gary STUTSEL	59	NTR	14m47.92
2	Rob KELLY	57	QCN	15m02.09
3	Bob WADE	59	QLG	15m50.63

55-59 800m Backstroke Continued

4	Bill HEBER	58	NET	16m20.28
5	Rob LUCAS	55	QMK	16m48.86
6	Geoff ROBINSON	58	QMK	17m29.53
7	Alan PASK	56	VDC	18m02.67
8	E. GANFIELD	58	WBB	18m22.53
9	Doug HOGAN	55	QGS	19m01.04
10	Brian LETCHER	58	NET	19m51.38

55-59 1500m Backstroke

Best TT	Russell SMITH		NCR	27m33.72
1	Gary STUTSEL	59	NTR	30m01.28
2	Bill HEBER	58	NET	30m56.28
3	Rob LUCAS	55	QMK	32m13.14
4	Geoff ROBINSON	58	QMK	33m38.05
5	E. GANFIELD	58	WBB	34m58.55
6	Brian LETCHER	58	NET	35m49.10
7	Alan PASK	56	VDC	36m16.90
8	Ronald PRIOR	58	NCT	39m10.71
9	Bill PERRY	59	NWS	41m08.61
10	Don MARTIN	58	QGM	41m26.76

55-59 30MIN Backstroke

Best TT	Gary STUTSEL		NTR	1550m
1	Gary STUTSEL	59	NTR	1550m
2	Bill HEBER	58	NET	1450m
3	Rob LUCAS	55	QMK	1400m
4	Geoff ROBINSON	58	QMK	1350m
5	Alan PASK	56	VDC	1275m
6	E. GANFIELD	58	WBB	1250m
7	Brian LETCHER	58	NET	1225m
8	Doug HOGAN	55	QGS	1175m
9	Ronald PRIOR	58	NCT	1150m
10	Bill PERRY	59	NWS	1100m

55-59 45MIN Backstroke

Best TT	Peter FORSTER		QTW	2200m
1	Bill HEBER	58	NET	2075m
2	Rob LUCAS	55	QMK	2025m
2	Geoff ROBINSON	58	QMK	2025m
4	Alan PASK	56	VDC	1850m
5	Ronald PRIOR	58	NCT	1725m
6	Brian LETCHER	58	NET	1700m
7	Doug HOGAN	55	QGS	1675m
8	Bill PERRY	59	NWS	1625m

55-59 60MIN Backstroke

Best TT	Russell SMITH		NCR	3150m
1	Bill HEBER	58	NET	2750m
1	Rob LUCAS	55	QMK	2750m
3	Geoff ROBINSON	58	QMK	2650m
4	E. GANFIELD	58	WBB	2550m
5	Brian LETCHER	58	NET	2350m
5	Doug HOGAN	55	QGS	2350m
7	Ronald PRIOR	58	NCT	2325m
8	Bill PERRY	59	NWS	2175m

55-59 50m Breaststroke

Best TT	Ian INGRAM		ACN	35.43
1	Ian INGRAM	55	ACN	35.43
2	Michael MOLONEY	59	VPP	38.15
3	Gary STUTSEL	59	NTR	38.24

55-59 50m Breaststroke Continued

4	Bill HARRIS	57	NML	39.53
5	Maurice JUNK	59	WSM	40.69
6	Leslie TYRRELL	56	NLP	40.97
7	Peter FORSTER	56	QTW	41.61
8	Gary NICHOLLS	58	NCR	41.89
9	Allan SUSKIN	56	SAT	42.25
10	James REYNOLDS	58	NRY	42.33

55-59 100m Breaststroke

Best TT	Michael MOLONEY		VPP	1m19.68
1	Ian INGRAM	55	ACN	1m21.39
2	Michael MOLONEY	59	VPP	1m24.85
3	Gary STUTSEL	59	NTR	1m27.66
4	Leslie TYRRELL	56	NLP	1m30.92
5	John MORRISON	55	QPN	1m31.38
6	David ROSS	57	NWG	1m32.61
7	Alan SHARPE	59	QBN	1m33.02
8	Robert KIRKBRIDE	55	NOF	1m34.77
9	Peter FORSTER	56	QTW	1m34.91
10	Doug BENNETT	57	QWS	1m35.48

55-59 200m Breaststroke

Best TT	Michael MOLONEY		VPP	2m49.98
1	Ian INGRAM	55	ACN	3m00.09
2	Michael MOLONEY	59	VPP	3m07.00
3	Gary STUTSEL	59	NTR	3m21.81
4	Peter FORSTER	56	QTW	3m30.05
5	Doug BENNETT	57	QWS	3m31.66
6	Alan SHARPE	59	QBN	3m34.87
7	Eddie HUNTER	58	VFR	3m35.76
8	James REYNOLDS	58	NRY	3m38.53
9	Bill HILL	57	QBN	3m43.58
10	Juergen BERK	59	VNL	3m57.73

55-59 400m Breaststroke

Best TT	Michael MOLONEY		VPP	6m21.63
1	Michael MOLONEY	59	VPP	6m21.63
2	Ian INGRAM	55	ACN	6m39.68
3	Gary STUTSEL	59	NTR	7m10.61
4	Peter FORSTER	56	QTW	7m21.85
5	Doug BENNETT	57	QWS	7m22.92
6	Rob LUCAS	55	QMK	7m40.42
7	James REYNOLDS	58	NRY	7m51.14
8	Bill HILL	57	QBN	7m55.80
9	Alan SHARPE	59	QBN	7m57.77
10	Bill HEBER	58	NET	8m47.31

55-59 800m Breaststroke

Best TT	Michael MOLONEY		VPP	12m49.37
1	Michael MOLONEY	59	VPP	12m49.37
2	Ian INGRAM	55	ACN	13m32.85
3	Peter FORSTER	56	QTW	14m55.65
4	Doug BENNETT	57	QWS	15m05.31
5	Gary STUTSEL	59	NTR	15m18.09
6	Rob LUCAS	55	QMK	15m47.64
7	Alan SHARPE	59	QBN	16m36.02
8	Bill HILL	57	QBN	16m38.01
9	Bill HEBER	58	NET	17m48.10
10	Doug HOGAN	55	QGS	18m17.36

1998 NATIONAL TOP TEN - MALE SHORT COURSE

55-59 1500m Breaststroke

Best TT	Ian INGRAM		ACN	25m41.65
1	Ian INGRAM	55	ACN	25m41.65
2	Peter FORSTER	56	QTW	28m07.41
3	Doug BENNETT	57	QWS	29m21.47
4	Gary STUTSEL	59	NTR	29m25.26
5	Rob LUCAS	55	QMK	29m57.39
6	Alan SHARPE	59	QBN	31m50.99
7	Bill HEBER	58	NET	33m51.74
8	Geoff ROBINSON	58	QMK	35m40.39
9	E. GANFIELD	58	WBB	40m02.97
10	Bill PERRY	59	NWS	40m42.73

55-59 30MIN Breaststroke

Best TT	Peter FORSTER		QTW	1525m
1	Rob LUCAS	55	QMK	1500m
2	Bill HEBER	58	NET	1250m
3	Geoff ROBINSON	58	QMK	1225m
4	Bill PERRY	59	NWS	1125m
5	E. GANFIELD	58	WBB	1100m
6	Alan PASK	56	VDC	1075m
6	Doug HOGAN	55	QGS	1075m
8	Brian LETCHER	58	NET	1025m
9	Alf DUPONT	57	WMV	950m
10	Joe JONES	59	QTW	800m

55-59 45MIN Breaststroke

Best TT	Brian BINGHAM		WAB	2300m
1	Rob LUCAS	55	QMK	2100m
2	Bill HEBER	58	NET	1875m
3	Doug HOGAN	55	QGS	1725m
4	Brian LETCHER	58	NET	1700m

55-59 60MIN Breaststroke

Best TT	Peter FORSTER		QTW	3000m
1	Bill HILL	57	QBN	2600m
2	Bill HEBER	58	NET	2425m
3	Doug HOGAN	55	QGS	2250m
4	E. GANFIELD	58	WBB	2225m
5	Bill PERRY	59	NWS	2175m
6	Brian LETCHER	58	NET	2050m
7	Joe JONES	59	QTW	1550m

55-59 50m Butterfly

Best TT	Peter JACKSON		NWG	31.91
1	Mal INNES	57	TTL	34.26
2	Maurice JUNK	59	WSM	35.43
3	Ian INGRAM	55	ACN	35.57
4	Richard GREGORY	55	NWG	35.71
5	Bob FORD	59	NML	36.02
6	Leslie TYRRELL	56	NLP	36.44
7	John PAGDEN	57	NWG	36.56
8	John MORRISON	55	QPN	36.67
9	Ken BREWSTER	55	QLG	36.69
10	Herbert ORENSTEIN	56	VPP	36.76

55-59 100m Butterfly

Best TT	Peter JACKSON		NWG	1m17.52
1	Mal INNES	57	TTL	1m21.96
2	Tom O'CONNOR	56	VBC	1m23.21
3	Herbert ORENSTEIN	56	VPP	1m29.09
4	Brian DAVIS	57	VMV	1m30.37

55-59 100m Butterfly Continued

5	Gary STUTSEL	59	NTR	1m30.73
6	Laurie HEALY	57	VPP	1m32.42
7	Rob KNIGHT	56	QTV	1m33.91
8	Darryl HAWKES	59	SMR	1m50.25
9	Eric EDGEWORTH	57	QIP	1m51.83
10	Lou DARVENIZA	55	QTV	1m52.36

55-59 200m Butterfly

Best TT	Mal INNES		TTL	3m01.94
1	Mal INNES	57	TTL	3m01.94
2	Tom O'CONNOR	56	VBC	3m14.47
3	Brian DAVIS	57	VMV	3m25.51
4	Herbert ORENSTEIN	56	VPP	3m34.88
5	Peter FORSTER	56	QTW	3m40.84
6	Rob KNIGHT	56	QTV	3m47.10
7	Ken BREWSTER	55	QLG	4m09.81
8	Bill PERRY	59	NWS	4m45.58
9	Brian LETCHER	58	NET	7m02.33

55-59 400m Butterfly

Best TT	Mal INNES		TTL	7m13.00
1	Gary STUTSEL	59	NTR	7m39.14
2	Rob LUCAS	55	QMK	8m08.43
3	Peter FORSTER	56	QTW	8m26.68
4	Ken BREWSTER	55	QLG	8m26.82
5	Bill HEBER	58	NET	9m10.41
6	Bill PERRY	59	NWS	11m37.61
7	Brian LETCHER	58	NET	13m33.46

55-59 800m Butterfly

Best TT	Mal INNES		TTL	14m09.70
1	Gary STUTSEL	59	NTR	16m06.17
2	Peter FORSTER	56	QTW	16m17.33
3	Rob LUCAS	55	QMK	16m58.38
4	Bill HEBER	58	NET	18m14.82
5	Bill PERRY	59	NWS	24m57.69
6	Brian LETCHER	58	NET	29m12.86

55-59 100m Ind. Medley

Best TT	Robert BARRY		NLS	1m14.57
1	Gary STUTSEL	59	NTR	1m20.75
2	Maurice JUNK	59	WSM	1m22.03
3	Gary NICHOLLS	58	NCR	1m22.35
4	Bill HARRIS	57	NML	1m23.14
5	John MORRISON	55	QPN	1m23.42
6	David ROSS	57	NWG	1m24.66
7	Allan SUSKIN	56	SAT	1m25.52
8	Doug BENNETT	57	QWS	1m27.76
9	Peter FORSTER	56	QTW	1m28.50
10	Ken BREWSTER	55	QLG	1m29.21

55-59 200m Ind. Medley

Best TT	Dieter LOELIGER		SAM	2m50.83
1	Gary STUTSEL	59	NTR	3m10.63
2	Ken BREWSTER	55	QLG	3m30.52
3	Rob LUCAS	55	QMK	3m30.75
4	Gary MARKER	58	QTV	3m47.54
5	Rob KNIGHT	56	QTV	3m54.30
6	John WENDT	57	NHL	3m56.32
7	Ronald PRIOR	58	NCT	4m01.06
8	David LAWS	57	WCR	4m02.88

55-59 200m Ind. Medley Continued

9	Richard HEHIR	56	NPM	4m14.14
10	Lou DARVENIZA	55	QTV	4m16.47

55-59 400m Ind. Medley

Best TT	Robert BARRY		NLS	6m22.52
1	Gary STUTSEL	59	NTR	7m00.27
2	Doug BENNETT	57	QWS	7m09.16
3	Rob LUCAS	55	QMK	7m32.05
4	Bill HEBER	58	NET	7m48.63
5	James REYNOLDS	58	NRY	7m59.98
6	Geoff ROBINSON	58	QMK	8m44.38
7	David LAWS	57	WCR	8m50.00
8	Doug HOGAN	55	QGS	8m59.28
9	Ronald PRIOR	58	NCT	9m10.48
10	Bill PERRY	59	NWS	9m18.72

55-59 800m Ind. Medley

Best TT	Gary STUTSEL		NTR	14m25.80
1	Gary STUTSEL	59	NTR	14m55.10
2	Rob LUCAS	55	QMK	15m42.10
3	Bill HEBER	58	NET	16m18.89
4	Geoff ROBINSON	58	QMK	18m05.80
5	Bill PERRY	59	NWS	20m26.54
6	Brian LETCHER	58	NET	22m01.86

****
*****
**

60-64 50m Freestyle

Best TT	John MCDIARMID		QSC	29.07
1	Chris BELL	61	QTV	30.87
2	Roy DREW	64	SNO	30.88
3	Harry BAHREND	61	VPP	31.88
4	John PUGH	60	TLC	32.00
5	P. CHRISTOPHERSON	60	QYP	32.27
6	Peter JACKSON	60	NWG	32.88
7	Edward MARTIN	60	NLS	33.03
8	Ivan WINGATE	60	SAT	33.35
9	John MCQUEEN	60	NGS	33.63
10	John CRISP	63	QMM	33.74

60-64 100m Freestyle

Best TT	Bob BARRY		NLS	1m05.87
1	Roy DREW	64	SNO	1m09.41
2	John PUGH	60	TLC	1m10.90
3	Brian HUTCHINGS	63	NET	1m11.27
4	Peter JACKSON	60	NWG	1m14.41
5	Colin STANFORD	60	NCB	1m16.42
6	John MCQUEEN	60	NGS	1m16.65
7	William CAMBRIDGE	61	NSW	1m17.59
8	Colin CLIFF	63	NRT	1m18.49
9	Malcolm WILLIAMS	60	VDC	1m18.92
10	Chris BELL	61	QTV	1m19.90

60-64 200m Freestyle

Best TT	Robert BARRY		NLS	2m27.39
1	Chris BELL	61	QTV	2m32.13
2	John CRISP	63	QMM	2m36.20
3	John PUGH	60	TLC	2m38.94
4	Peter JACKSON	60	NWG	2m47.71
5	Noel RYAN	60	VWB	2m50.35
6	Malcolm WILLIAMS	60	VDC	2m50.42
7	Colin STANFORD	60	NCB	2m54.07
8	Colin CLIFF	63	NRT	2m55.70
9	Ron EDWARDS	63	WBB	2m58.22
10	Stanley GILLIARD	60	VRW	2m58.30

60-64 400m Freestyle

Best TT	Robert BARRY		NLS	5m22.79
1	John PUGH	60	TLC	5m39.45
2	John CRISP	63	QMM	5m44.94
3	Chris BELL	61	QTV	6m00.01
4	Ivan WINGATE	60	SAT	6m05.30
5	Colin CLIFF	63	NRT	6m10.84
6	Noel RYAN	60	VWB	6m15.23
7	William CAMBRIDGE	61	NSW	6m22.95
8	Ron EDWARDS	63	WBB	6m24.08
9	Derek MANDY	60	VDC	6m24.20
10	Peter LONG	60	NWG	6m31.08

60-64 800m Freestyle

Best TT	Richard HARTLEY		WCR	11m15.20
1	John PUGH	60	TLC	11m44.10
2	Noel RYAN	60	VWB	12m41.13
3	Colin CLIFF	63	NRT	12m54.51
4	Ivan WINGATE	60	SAT	13m09.86
5	Ron EDWARDS	63	WBB	13m14.68
6	Peter LONG	60	NWG	13m17.21
7	Terry MCKIE	63	WMV	13m45.63
8	Stanley GILLIARD	60	VRW	13m48.27

1998 NATIONAL TOP TEN - MALE SHORT COURSE

60-64 800m Freestyle Continued

9	Derek MANDY	60	VDC	13m50.04
10	Noel CRAIG	62	QSC	14m01.24

60-64 1500m Freestyle

Best TT	John PUGH		TLC	21m48.89
1	John PUGH	60	TLC	21m48.89
2	John CRISP	63	QMM	21m56.70
3	Colin CLIFF	63	NRT	24m23.00
4	Peter LONG	60	NWG	25m53.38
5	Noel CRAIG	62	QSC	26m11.59
6	Derek MANDY	60	VDC	26m29.83
7	Terry MCKIE	63	WMV	27m00.89
8	Kenneth ALLEN	64	WMV	29m54.43
9	Alan MACNAUGHTON	60	WWF	29m59.45
10	Roy MILLIST	62	VDC	30m24.66

60-64 3000m Freestyle

Best TT	Richard HARTLEY		WCR	45m37.58
1	Colin CLIFF	63	NRT	51m18.39
2	Kenneth ALLEN	64	WMV	61m12.94
3	Michael DOOLEY	63	QBN	85m29.83

60-64 5000m Freestyle

Best TT	Colin CLIFF		NRT	85m10.63
1	Colin CLIFF	63	NRT	87m05.43
2	Michael DOOLEY	63	QBN	158m53.84

60-64 30MIN Freestyle

Best TT	John PUGH		TLC	1975m
1	John PUGH	60	TLC	1975m
2	Ivan WINGATE	60	SAT	1750m
2	Colin CLIFF	63	NRT	1750m
4	Derek MANDY	60	VDC	1675m
4	Ron EDWARDS	63	WBB	1675m
6	Terry MCKIE	63	WMV	1650m
7	Alan MACNAUGHTON	60	WWF	1500m
7	Kenneth ALLEN	64	WMV	1500m
9	Roy MILLIST	62	VDC	1475m
10	C. FIELDING	62	VSA	1400m

60-64 45MIN Freestyle

Best TT	John PUGH		TLC	2950m
1	John PUGH	60	TLC	2950m
2	Colin CLIFF	63	NRT	2625m
3	Ivan WINGATE	60	SAT	2600m
4	Gordon FERGUSON	60	NET	2250m
4	Alan MACNAUGHTON	60	WWF	2250m
4	Kenneth ALLEN	64	WMV	2250m
7	Malcolm HEATH	63	NWS	2175m
8	C. FIELDING	62	VSA	2000m
8	Tony HARKER	61	NNS	2000m
10	Peter GEDDES	61	QBN	1975m

60-64 60MIN Freestyle

Best TT	Richard HARTLEY		WCR	3950m
1	John PUGH	60	TLC	3700m
2	Colin CLIFF	63	NRT	3500m
3	Ivan WINGATE	60	SAT	3425m
4	Terry MCKIE	63	WMV	3075m
5	Alan MACNAUGHTON	60	WWF	2975m
6	Kenneth ALLEN	64	WMV	2900m

60-64 60MIN Freestyle Continued

7	C. FIELDING	62	VSA	2650m
7	Tony HARKER	61	NNS	2650m
9	Michael DOOLEY	63	QBN	2425m
10	Paul VARADI	61	WWF	2325m

60-64 50m Backstroke

Best TT	Robert BARRY		NLS	36.77
1	John PUGH	60	TLC	39.64
2	Chris BELL	61	QTV	41.70
3	Harry BAHREND	61	VPP	42.46
4	John MCQUEEN	60	NGS	42.84
5	Brian DEANE	60	QMM	43.22
6	Tony GOODWIN	61	NML	43.28
7	Edward MARTIN	60	NLS	43.42
8	Robert HAYTER	60	NNS	43.59
9	John MARRIOTT	63	VMO	43.69
10	Geoff MCKENZIE	62	QSC	44.04

60-64 100m Backstroke

Best TT	Robert BARRY		NLS	1m17.50
1	Chris BELL	61	QTV	1m29.91
2	John PUGH	60	TLC	1m32.53
3	Barrie EVES	62	WCM	1m35.15
4	Geoff MCKENZIE	62	QSC	1m38.82
5	Danny SMITH	62	VNL	1m42.11
6	Geoffrey PADDICK	60	WOP	1m44.91
7	Graham TASSELL	60	QBB	1m45.59
8	Colin STANFORD	60	NCB	1m45.68
9	Peter LONG	60	NWG	1m45.95
10	Tony HARKER	61	NNS	1m47.15

60-64 200m Backstroke

Best TT	Robert BARRY		NLS	2m48.78
1	Chris BELL	61	QTV	3m03.02
2	Brian DEANE	60	QMM	3m22.59
3	Geoff MCKENZIE	62	QSC	3m34.48
4	Brian HUTCHINGS	63	NET	3m38.71
5	Derek MANDY	60	VDC	3m40.57
6	Colin CLIFF	63	NRT	3m45.34
7	Peter LONG	60	NWG	3m49.03
8	John MARRIOTT	63	VMO	3m49.97
9	Robert HAYTER	60	NNS	3m52.56
10	Peter FISHER	61	THB	3m56.39

60-64 400m Backstroke

Best TT	Robert BARRY		NLS	6m05.37
1	John PUGH	60	TLC	7m01.84
2	Geoff MCKENZIE	62	QSC	7m11.69
3	Derek MANDY	60	VDC	7m25.40
4	Raymond BURRIDGE	62	NGR	7m57.32
5	John TURLEY	60	VDC	8m00.46
6	Tony HARKER	61	NNS	8m28.38
7	Terry MCKIE	63	WMV	8m39.12
8	Barry MILLS	63	QTT	8m42.38
9	Brian GARVEY	61	VDC	9m06.59
10	Barry JARVIS	60	NCT	9m19.51

60-64 800m Backstroke

Best TT	Chris BELL		QTV	13m23.88
1	Chris BELL	61	QTV	14m00.80
2	John PUGH	60	TLC	14m52.06

60-64 800m Backstroke Continued

3	Geoff MCKENZIE	62	QSC	15m03.53
4	John TURLEY	60	VDC	16m27.33
5	Terry MCKIE	63	WMV	17m36.71
6	Tony HARKER	61	NNS	17m51.09
7	Brian GARVEY	61	VDC	18m19.80
8	David MAGNUSSON	62	NLC	18m28.54
9	Kenneth ALLEN	64	WMV	19m08.86
10	Alan MACNAUGHTON	60	WWF	19m15.36

60-64 1500m Backstroke

Best TT	John PUGH		TLC	28m19.81
1	John PUGH	60	TLC	28m19.81
2	Geoff MCKENZIE	62	QSC	28m24.29
3	Terry MCKIE	63	WMV	33m43.28
4	Brian GARVEY	61	VDC	34m29.35
5	Tony HARKER	61	NNS	35m20.96
6	Michael DOOLEY	63	QBN	37m38.08
7	Kenneth ALLEN	64	WMV	37m48.16
8	Malcolm HEATH	63	NWS	39m30.06

60-64 30MIN Backstroke

Best TT	John BROWN		VSS	1375m
	John TURLEY		VDC	
1	John TURLEY	60	VDC	1375m
2	Tony HARKER	61	NNS	1350m
2	Kenneth ALLEN	64	WMV	1350m
4	Terry MCKIE	63	WMV	1325m
5	Brian GARVEY	61	VDC	1300m
6	Michael DOOLEY	63	QBN	1150m
7	Barry JARVIS	60	NCT	1075m
7	Malcolm HEATH	63	NWS	1075m
9	Gordon FERGUSON	60	NET	1050m

60-64 45MIN Backstroke

Best TT	Terry MCKIE		WMV	2075m
1	Terry MCKIE	63	WMV	1975m
2	Tony HARKER	61	NNS	1900m
3	Kenneth ALLEN	64	WMV	1800m
4	Michael DOOLEY	63	QBN	1750m
5	Malcolm HEATH	63	NWS	1575m

60-64 60MIN Backstroke

Best TT	Malcolm STEVENS		QTW	3000m
1	Terry MCKIE	63	WMV	2600m
2	Tony HARKER	61	NNS	2475m
3	Kenneth ALLEN	64	WMV	2400m
4	Michael DOOLEY	63	QBN	2375m
5	Malcolm HEATH	63	NWS	2200m

60-64 50m Breaststroke

Best TT	Tony GOODWIN		NML	38.72
1	Tony GOODWIN	61	NML	38.72
2	Harry BAHREND	61	VPP	40.70
3	Malcolm WILLIAMS	60	VDC	41.64
4	Adrian NEWBERRY	64	QGS	43.18
5	Noel RYAN	60	VWB	43.62
6	John PUGH	60	TLC	43.71
7	Ivan WINGATE	60	SAT	43.91
8	Roy SWAN	61	NCR	44.40
9	Bruce SEEWITZ	63	VKF	45.29
10	Brian DEANE	60	QMM	45.53

60-64 100m Breaststroke

Best TT	Dieter LOELIGER		SAM	1m24.46
1	Tony GOODWIN	61	NML	1m24.98
2	Harry BAHREND	61	VPP	1m30.23
3	Peter JACKSON	60	NWG	1m38.16
4	Ivan WINGATE	60	SAT	1m38.72
5	Adrian NEWBERRY	64	QGS	1m38.82
6	John NOORT	63	QGS	1m49.07
7	Terry MCKIE	63	WMV	1m49.12
8	John PAGETT	62	STT	1m49.28
8	Roy SWAN	61	NCR	1m49.28
10	Chris BELL	61	QTV	1m53.22

60-64 200m Breaststroke

Best TT	Tony GOODWIN		NML	3m07.99
1	Tony GOODWIN	61	NML	3m07.99
2	Peter JACKSON	60	NWG	3m28.41
3	Ivan WINGATE	60	SAT	3m33.84
4	John PAGETT	62	STT	3m48.81
5	Brian GARVEY	61	VDC	4m04.98
6	Ron EDWARDS	63	WBB	4m10.75
7	Tony HARKER	61	NNS	4m13.75
8	Phillip BAIRD	64	NCF	4m18.74
9	John KINNAIRD	63	VFR	4m24.18
10	John TURLEY	60	VDC	4m30.33

60-64 400m Breaststroke

Best TT	Tony GOODWIN		NML	6m49.47
1	Tony GOODWIN	61	NML	6m49.47
2	Ivan WINGATE	60	SAT	7m33.95
3	Ron EDWARDS	63	WBB	8m38.66
4	John TURLEY	60	VDC	9m06.17
5	Raymond BURRIDGE	62	NGR	9m07.28
6	Alan MACNAUGHTON	60	WWF	9m12.02
7	Kenneth ALLEN	64	WMV	9m13.39
8	David MAGNUSSON	62	NLC	9m16.22
9	Tony HARKER	61	NNS	9m19.76
10	Paul VARADI	61	WWF	9m29.38

60-64 800m Breaststroke

Best TT	Tony GOODWIN		NML	13m53.83
1	Tony GOODWIN	61	NML	13m53.83
2	Ivan WINGATE	60	SAT	15m21.44
3	Kenneth ALLEN	64	WMV	18m36.20
4	Alan MACNAUGHTON	60	WWF	18m36.83
5	David MAGNUSSON	62	NLC	18m49.56
6	John TURLEY	60	VDC	19m07.82
7	Paul VARADI	61	WWF	19m12.33
8	Tony HARKER	61	NNS	19m47.04
9	Barry JARVIS	60	NCT	21m41.36
10	Malcolm HEATH	63	NWS	22m12.28

60-64 1500m Breaststroke

Best TT	Tony GOODWIN		NML	26m53.38
1	Tony GOODWIN	61	NML	26m53.38
2	John NOORT	63	QGS	31m44.80
3	Terry MCKIE	63	WMV	33m05.95
4	John TURLEY	60	VDC	36m32.23
5	Kenneth ALLEN	64	WMV	36m33.94
6	Alan MACNAUGHTON	60	WWF	37m53.00
7	Tony HARKER	61	NNS	39m07.50
8	Malcolm HEATH	63	NWS	40m35.96

60-64 1500m Breaststroke Continued

9	Maxwell SAYER	61	NLC	45m33.25
10	Michael DOOLEY	63	QBN	57m31.34

60-64 30MIN Breaststroke

Best TT	David HAYNES		QTT	1425m
1	Terry MCKIE	63	WMV	1350m
2	John TURLEY	60	VDC	1225m
2	Alan MACNAUGHTON	60	WWF	1225m
2	Kenneth ALLEN	64	WMV	1225m
5	Paul VARADI	61	WWF	1200m
6	Tony HARKER	61	NNS	1150m
7	Alan DAVIS	63	VSP	1050m
8	Maxwell SAYER	61	NLC	975m
9	Gordon FERGUSON	60	NET	850m
10	Michael DOOLEY	63	QBN	675m

60-64 45MIN Breaststroke

Best TT	Terry MCKIE		WMV	2050m
1	Terry MCKIE	63	WMV	2000m
2	Alan MACNAUGHTON	60	WWF	1825m
3	Tony HARKER	61	NNS	1725m
4	Malcolm HEATH	63	NWS	1550m
5	Maxwell SAYER	61	NLC	1475m
6	Michael DOOLEY	63	QBN	1225m

60-64 60MIN Breaststroke

Best TT	Derrick SPENCER		SRY	2725m
1	Terry MCKIE	63	WMV	2700m
2	Alan MACNAUGHTON	60	WWF	2400m
3	Malcolm HEATH	63	NWS	2200m
4	Michael DOOLEY	63	QBN	1375m

60-64 50m Butterfly

Best TT	Jim WILLIAMS		NTM	34.87
1	John CRISP	63	QMM	35.21
2	John PUGH	60	TLC	36.36
3	Tony GOODWIN	61	NML	36.98
4	George CEVALLOS	61	ACN	37.76
5	Chris BELL -	61	QTV	38.14
6	Roy DREW	64	SNO	38.17
7	Edward MARTIN	60	NLS	41.29
8	John MCQUEEN	60	NGS	43.29
9	Roy SWAN	61	NCR	43.49
10	John DEVEREAUX	61	WML	44.79

60-64 100m Butterfly

Best TT	John CRISP		QMM	1m21.02
1	Tony GOODWIN	61	NML	1m24.60
2	John PUGH	60	TLC	1m26.48
3	Chris BELL	61	QTV	1m37.68
4	Terry MCKIE	63	WMV	1m50.77
5	Brian GARVEY	61	VDC	1m51.65
6	Bruce HOCKING	61	VNL	1m54.67
7	Malcolm HEATH	63	NWS	2m05.44
8	Tony HARKER	61	NNS	2m09.43
9	Gordon FERGUSON	60	NET	2m10.25
10	Trevor ANDERSON	60	QTV	2m28.08

60-64 200m Butterfly

Best TT	Dieter LOELIGER		SAM	3m15.68
1	Ivan WINGATE	60	SAT	3m28.44
2	Brian GARVEY	61	VDC	4m14.93
3	Malcolm HEATH	63	NWS	4m49.70
4	Tony HARKER	61	NNS	5m08.53

60-64 400m Butterfly

Best TT	Don COUPE		VGP	7m57.68
1	Malcolm HEATH	63	NWS	12m00.71

60-64 800m Butterfly

Best TT	R. ROGERS		VSS	20m49.00
1	Malcolm HEATH	63	NWS	26m10.00

60-64 100m Ind. Medley

Best TT	Dieter LOELIGER		SAM	1m19.22
1	Chris BELL	61	QTV	1m22.27
2	Harry BAHREND	61	VPP	1m23.94
3	Tony GOODWIN	61	NML	1m24.63
4	Ivan WINGATE	60	SAT	1m25.47
5	John PUGH	60	TLC	1m25.81
6	Robert STEWART	61	NWS	1m31.74
7	Adrian NEWBERRY	64	QGS	1m32.46
8	Malcolm WILLIAMS	60	VDC	1m34.82
9	Barrie EVES	62	WCM	1m36.95
10	Robert HAYTER	60	NNS	1m37.20

60-64 200m Ind. Medley

Best TT	Dieter LOELIGER		SAM	2m52.26
1	Chris BELL	61	QTV	3m01.06
2	John PUGH	60	TLC	3m09.11
3	Ivan WINGATE	60	SAT	3m11.97
4	Tony GOODWIN	61	NML	3m15.16
5	Brian DEANE	60	QMM	3m33.52
6	Terry MCKIE	63	WMV	3m44.54
7	Brian GARVEY	61	VDC	3m49.95
8	Raymond BURRIDGE	62	NGR	3m58.97
9	Tony HARKER	61	NNS	4m13.81

60-64 400m Ind. Medley

Best TT	Dieter LOELIGER		SAM	6m15.50
1	John PUGH	60	TLC	6m47.40
2	Brian DEANE	60	QMM	7m45.04
3	Brian GARVEY	61	VDC	7m57.99
4	Terry MCKIE	63	WMV	8m04.81
5	Raymond BURRIDGE	62	NGR	8m16.50
6	Tony HARKER	61	NNS	8m48.55
7	Malcolm HEATH	63	NWS	9m32.48
8	Paul VARADI	61	WWF	10m36.74

60-64 800m Ind. Medley

Best TT	Chris BELL		QTV	14m00.80
1	Chris BELL	61	QTV	14m00.80
2	Brian GARVEY	61	VDC	16m41.61
3	Tony HARKER	61	NNS	19m16.73
4	Malcolm HEATH	63	NWS	20m12.02

****

*****

**

1998 NATIONAL TOP TEN - MALE SHORT COURSE

65-69 50m Freestyle

Best TT	Bob BARRY		NLS	31.00
1	Jim WILSON	65	NCB	31.92
2	Allan DUFTY	69	NET	34.30
3	David LAWLER	69	NML	34.47
4	Mick HALL	65	NGL	34.48
5	Tony STANTON	68	WAB	34.88
6	Evan JONES	66	WOP	35.77
7	George MAINA	69	QTT	36.15
8	Joseph THOMSON	66	WRK	36.52
9	John GARDE	66	QSM	36.76
10	Hank MARKUS	67	QMM	36.92

65-69 100m Freestyle

Best TT	Bob BARRY		NLS	1m06.60
1	Bob BARRY	67	NLS	1m10.90
2	Jim WILSON	65	NCB	1m15.97
3	David LAWLER	69	NML	1m17.54
4	Tony STANTON	68	WAB	1m18.80
5	John GARDE	66	QSM	1m21.69
6	Allan DUFTY	69	NET	1m21.75
7	George MAINA	69	QTT	1m23.22
8	Noel PETERS	67	NWG	1m25.78
9	Eugen BIZJAK	66	TLC	1m26.49
10	Joe GILBERT	69	QSC	1m27.95

65-69 200m Freestyle

Best TT	Bob BARRY		NLS	2m35.50
1	Bob BARRY	67	NLS	2m35.50
2	David LAWLER	69	NML	2m56.52
3	Donald TIERNEY	69	NCB	2m57.31
4	Evan JONES	66	WOP	3m00.22
5	Jim WILSON	65	NCB	3m01.39
6	Tony STANTON	68	WAB	3m06.63
7	George MAINA	69	QTT	3m13.58
8	Eugen BIZJAK	66	TLC	3m14.26
9	John WARD	66	WML	3m16.08
10	Kenneth KRAMER	66	NCH	3m17.25

65-69 400m Freestyle

Best TT	Bob BARRY		NLS	5m38.52
1	George MAINA	69	QTT	6m31.23
2	Tony STANTON	68	WAB	6m36.76
3	Eugen BIZJAK	66	TLC	6m55.01
4	G. LLEWELLYN	65	ACN	6m58.24
5	Peter LOVE	67	VFR	7m08.36
6	Geoff LANDER	65	QSC	7m28.17
7	Bevil PURNELL	68	ACN	7m36.97
8	Fred ELSOM	68	NET	7m43.90
9	David EDWARDS	66	NML	7m52.78
10	Bob MCCAUSLAND	69	QMK	7m55.25

65-69 800m Freestyle

Best TT	Kevin VICKERY		NET	12m13.44
1	George MAINA	69	QTT	13m14.07
2	Tony STANTON	68	WAB	13m50.43
3	G. LLEWELLYN	65	ACN	14m36.73
4	Peter LOVE	67	VFR	14m46.14
5	Patrick CALVIN	65	QWS	15m08.56
6	Eugen BIZJAK	66	TLC	15m11.32
7	Geoff LANDER	65	QSC	15m17.34
8	Joe GILBERT	69	QSC	15m19.08

65-69 800m Freestyle Continued

9	Bob MCCAUSLAND	69	QMK	15m42.90
10	Fred ELSOM	68	NET	15m43.19

65-69 1500m Freestyle

Best TT	Tony STANTON		WAB	24m56.90
1	George MAINA	69	QTT	26m31.30
2	Peter LOVE	67	VFR	27m52.65
3	G. LLEWELLYN	65	ACN	28m12.37
4	Geoff LANDER	65	QSC	29m16.70
5	Fred ELSOM	68	NET	30m46.88
6	Bob MCCAUSLAND	69	QMK	30m53.03
7	Eugen BIZJAK	66	TLC	30m56.92
8	Bevil PURNELL	68	ACN	31m48.18
9	Terry SUMMERS	69	QBN	35m19.95
10	Bryan GRAFF	68	QRH	37m30.52

65-69 3000m Freestyle

Best TT	Rodney BUTTON		NHN	51m53.98
1	G. LLEWELLYN	65	ACN	58m53.99
2	Geoff LANDER	65	QSC	60m57.58
3	Bevil PURNELL	68	ACN	67m50.15

65-69 5000m Freestyle

Best TT	Tony STANTON		WAB	90m10.07
1	G. LLEWELLYN	65	ACN	102m38.38
2	Geoff LANDER	65	QSC	105m40.40

65-69 30MIN Freestyle

Best TT	Tony STANTON		WAB	1775m
1	G. LLEWELLYN	65	ACN	1550m
2	Geoff LANDER	65	QSC	1500m
3	Gordon MEDCALF	69	WML	1450m
3	Fred ELSOM	68	NET	1450m
5	Bob MCCAUSLAND	69	QMK	1425m
6	Bevil PURNELL	68	ACN	1400m
6	William MALCOLM	66	VNL	1400m
8	Eugen BIZJAK	66	TLC	1325m
9	Jack CAIRNS	69	ACN	1300m
10	Terry SUMMERS	69	QBN	1275m

65-69 45MIN Freestyle

Best TT	Stan JACOBS		QSM	2600m
1	G. LLEWELLYN	65	ACN	2300m
2	Geoff LANDER	65	QSC	2250m
3	Fred ELSOM	68	NET	2150m
4	Eugen BIZJAK	66	TLC	2125m
5	Bevil PURNELL	68	ACN	2025m
6	Bryan GRAFF	68	QRH	1750m
7	John HILTON	67	NET	1500m

65-69 60MIN Freestyle

Best TT	Royce JACKSON		QTT	3425m
	Tony STANTON		WAB	
1	G. LLEWELLYN	65	ACN	3050m
2	Geoff LANDER	65	QSC	2975m
3	Eugen BIZJAK	66	TLC	2900m
4	Fred ELSOM	68	NET	2800m
5	Bob MCCAUSLAND	69	QMK	2750m
6	Bevil PURNELL	68	ACN	2675m
7	John HILTON	67	NET	1925m

1998 NATIONAL TOP TEN - MALE SHORT COURSE

65-69 50m Backstroke

Best TT	Bob BARRY		NLS	37.49
1	Bob BARRY	67	NLS	38.53
2	Evan JONES	66	WOP	43.09
3	Mick HALL	65	NGL	43.51
4	Allan DUFTY	69	NET	44.63
5	Bob FELDMAN	69	WAB	45.28
6	John WARD	66	WML	45.62
7	Barry BARKER	66	NML	45.85
8	Gus SCHUSSLER	66	WAB	46.47
9	David LAWLER	69	NML	46.87
10	Jonathan FOWLER	66	NRY	47.34

65-69 100m Backstroke

Best TT	Bob BARRY		NLS	1m20.53
1	Bob BARRY	67	NLS	1m24.11
2	Mick HALL	65	NGL	1m38.85
3	Evan JONES	66	WOP	1m41.10
4	Geoff LANDER	65	QSC	1m41.14
5	Gus SCHUSSLER	66	WAB	1m41.80
6	Barry BARKER	66	NML	1m42.68
7	David LAWLER	69	NML	1m45.03
8	John WARD	66	WML	1m49.17
9	Bob FELDMAN	69	WAB	1m50.25
10	Joe GILBERT	69	QSC	1m56.80

65-69 200m Backstroke

Best TT	Bob BARRY		NLS	2m50.75
1	Bob BARRY	67	NLS	3m00.62
2	Dieter LOELIGER	65	SAM	3m08.38
3	Mick HALL	65	NGL	3m45.81
4	Gus SCHUSSLER	66	WAB	3m50.95
5	Barry BARKER	66	NML	3m52.16
6	Arno KLINGENBERG	67	NML	3m57.11
7	Fred ELSOM	68	NET	3m58.55
8	Joe GILBERT	69	QSC	4m03.14
9	Jim MCCRAE	69	QTV	4m08.90
10	Bevil PURNELL	68	ACN	4m17.75

65-69 400m Backstroke

Best TT	Bob BARRY		NLS	6m39.93
1	Bob BARRY	67	NLS	6m39.93
2	Gus SCHUSSLER	66	WAB	7m49.76
3	Joe GILBERT	69	QSC	8m22.92
4	George MAINA	69	QTT	8m31.62
5	Jack CAIRNS	69	ACN	8m50.58
6	Bevil PURNELL	68	ACN	9m00.13
7	Fred ELSOM	68	NET	9m00.91
8	Bob FELDMAN	69	WAB	9m10.40
9	Tony STANTON	68	WAB	9m13.24
10	David FORSYTH	66	QMK	9m16.86

65-69 800m Backstroke

Best TT	Bob BARRY		NLS	13m26.38
1	Bob BARRY	67	NLS	13m26.38
2	Gus SCHUSSLER	66	WAB	16m34.25
3	Fred ELSOM	68	NET	17m56.36
4	Jack CAIRNS	69	ACN	18m05.92
5	Bevil PURNELL	68	ACN	18m48.99
6	David FORSYTH	66	QMK	19m26.66
7	Eugen BIZJAK	66	TLC	19m27.62
8	Gerry WAUGH	69	TTL	20m07.17

65-69 800m Backstroke Continued

9	David ABRAHAMS	68	NGR	20m48.91
10	Bob MCCAUSLAND	69	QMK	21m00.71

65-69 1500m Backstroke

Best TT	Bob BARRY		NLS	25m16.21
1	Bob BARRY	67	NLS	25m16.21
2	Jack CAIRNS	69	ACN	35m45.78
3	Gordon MEDCALF	69	WML	35m51.83
4	Bevil PURNELL	68	ACN	36m22.27
5	Fred ELSOM	68	NET	37m17.24
6	Bob MCCAUSLAND	69	QMK	40m28.47
7	Bert HEALY	65	QTT	41m41.83
8	John HILTON	67	NET	47m17.99

65-69 30MIN Backstroke

Best TT	Malcolm STEVENS		QTW	1525m
1	Fred ELSOM	68	NET	1275m
2	Jack CAIRNS	69	ACN	1250m
3	Bevil PURNELL	68	ACN	1225m
3	David FORSYTH	66	QMK	1225m
5	Bob MCCAUSLAND	69	QMK	1050m
6	John HILTON	67	NET	1025m
7	G. LLEWELLYN	65	ACN	1000m
7	Bert HEALY	65	QTT	1000m

65-69 45MIN Backstroke

Best TT	Malcolm STEVENS		QTW	2200m
1	Fred ELSOM	68	NET	1900m
2	Jack CAIRNS	69	ACN	1875m
3	Bevil PURNELL	68	ACN	1775m
4	Bob MCCAUSLAND	69	QMK	1525m
5	John HILTON	67	NET	1475m
6	Bert HEALY	65	QTT	1425m

65-69 60MIN Backstroke

Best TT	Malcolm STEVENS		QTW	3025m
1	Fred ELSOM	68	NET	2425m
2	Bevil PURNELL	68	ACN	2325m
3	Bob MCCAUSLAND	69	QMK	2100m
4	John HILTON	67	NET	1875m

65-69 50m Breaststroke

Best TT	Patrick GALVIN		QWS	40.74
1	Patrick GALVIN	65	QWS	40.74
2	Dieter LOELIGER	65	SAM	40.99
3	Allan DUFTY	69	NET	42.40
4	Gus SCHUSSLER	66	WAB	43.58
5	Jonathon DAVIES	67	SMR	44.29
6	Fred ELSOM	68	NET	44.65
7	Don COUPE	69	VGP	45.43
8	Brian NORRIS	66	QGS	47.04
9	John GARDE	66	QSM	47.53
10	Jim WILSON	65	NCB	47.65

65-69 100m Breaststroke

Best TT	Dieter LOELIGER		SAM	1m28.68
1	Dieter LOELIGER	65	SAM	1m28.68
2	Patrick GALVIN	65	QWS	1m32.44
3	Gus SCHUSSLER	66	WAB	1m36.13
4	Allan DUFTY	69	NET	1m38.84
5	Jonathon DAVIES	67	SMR	1m41.12

65-69 100m Breaststroke Continued

6	Brian NORRIS	66	QGS	1m46.52
7	Arno KLINGENBERG	67	NML	1m50.68
8	Bevil PURNELL	68	ACN	1m57.09
9	John MAARSSEN	65	WGO	1m57.21
10	David EDWARDS	66	NML	1m58.76

65-69 200m Breaststroke

Best TT	Dieter LOELIGER		SAM	3m15.73
1	Dieter LOELIGER	65	SAM	3m15.73
2	Gus SCHUSSLER	66	WAB	3m29.90
3	Patrick GALVIN	65	QWS	3m31.03
4	William MALCOLM	66	VNL	4m07.02
5	Bevil PURNELL	68	ACN	4m08.07
6	David EDWARDS	66	NML	4m11.59
7	Albert LAURENDET	66	NCS	4m14.66
8	John BROWN	67	VSS	4m21.76
9	Tony STANTON	68	WAB	4m23.10
10	Graham HANNON	69	NWG	4m24.03

65-69 400m Breaststroke

Best TT	Gus SCHUSSLER		WAB	7m25.95
1	Patrick GALVIN	65	QWS	7m29.99
2	Gus SCHUSSLER	66	WAB	7m34.49
3	Allan DUFTY	69	NET	7m59.62
4	David EDWARDS	66	NML	9m04.99
5	Bevil PURNELL	68	ACN	9m08.09
6	William MALCOLM	66	VNL	9m23.65
7	Charles BALDWIN	69	VNA	9m29.42
8	Fred ELSOM	68	NET	9m37.91
9	Albert LAURENDET	66	NCS	10m03.97
10	Bob MCCAUSLAND	69	QMK	10m13.28

65-69 800m Breaststroke

Best TT	Gus SCHUSSLER		WAB	15m18.27
1	Gus SCHUSSLER	66	WAB	15m58.34
2	David HAYNES	65	QTT	16m19.94
3	David EDWARDS	66	NML	18m37.92
4	Bevil PURNELL	68	ACN	18m38.90
5	Charles BALDWIN	69	VNA	19m20.04
6	Fred ELSOM	68	NET	19m52.68
7	Bob MCCAUSLAND	69	QMK	20m24.01
8	Derek EDWARDS	69	NML	21m06.04
9	Jack CAIRNS	69	ACN	22m52.06
10	David FORSYTH	66	QMK	25m43.49

65-69 1500m Breaststroke

Best TT	Patrick GALVIN		QWS	29m56.90
1	Patrick GALVIN	65	QWS	29m56.90
2	David EDWARDS	66	NML	35m35.09
3	Bevil PURNELL	68	ACN	36m04.51
4	Charles BALDWIN	69	VNA	36m33.17
5	Fred ELSOM	68	NET	37m51.94
6	Hank MARKUS	67	QMM	38m50.01

65-69 30MIN Breaststroke

Best TT	Don COUPE		VGP	1425m
1	David EDWARDS	66	NML	1275m
2	Bevil PURNELL	68	ACN	1250m
3	Derek EDWARDS	69	NML	1150m
3	Bob MCCAUSLAND	69	QMK	1150m
5	Fred ELSOM	68	NET	1125m

65-69 30MIN Breaststroke Continued

6	Gerry WAUGH	69	TTL	1050m
7	Reg NORRIS	66	NCT	850m
7	Bert HEALY	65	QTT	850m
9	John HILTON	67	NET	825m
9	Douglas ELLIS	66	WMV	825m

65-69 45MIN Breaststroke

Best TT	John BROWN		VSS	1875m
1	Bevil PURNELL	68	ACN	1825m
2	Fred ELSOM	68	NET	1700m
3	Bert HEALY	65	QTT	1325m
4	John HILTON	67	NET	1225m

65-69 60MIN Breaststroke

Best TT	Bob MCCABE		VNL	2750m
1	Bevil PURNELL	68	ACN	2450m
2	Fred ELSOM	68	NET	2250m

65-69 50m Butterfly

Best TT	Allan DUFTY		NET	37.59
1	Allan DUFTY	69	NET	38.64
2	Dieter LOELIGER	65	SAM	38.91
3	Patrick GALVIN	65	QWS	40.59
4	Noel PETERS	67	NWG	44.77
5	Carlos ASSUMPCAO	66	SAM	45.84
6	John HANCOCK	65	WOP	47.69
7	Fred ELSOM	68	NET	47.88
8	Hank MARKUS	67	QMM	48.05
9	Joe GILBERT	69	QSC	48.36
10	Donald TIERNEY	69	NCB	50.27

65-69 100m Butterfly

Best TT	Don COUPE		VGP	1m35.18
1	Allan DUFTY	69	NET	1m39.17
2	Fred ELSOM	68	NET	1m59.39
3	Carlos ASSUMPCAO	66	SAM	2m01.31
4	Tony STANTON	68	WAB	2m01.57
5	Bevil PURNELL	68	ACN	2m19.06
6	David EDWARDS	66	NML	2m19.73
7	Jim MCCRAE	69	QTV	2m27.04

65-69 200m Butterfly

Best TT	Allan DUFTY		NET	3m51.91
1	Allan DUFTY	69	NET	3m51.91
2	Carlos ASSUMPCAO	66	SAM	4m30.12
3	Tony STANTON	68	WAB	4m54.73

65-69 400m Butterfly

Best TT	Bob MCCABE		VNL	8m09.15
1	Fred ELSOM	68	NET	10m21.76
2	Bob MCCAUSLAND	69	QMK	14m02.71

65-69 800m Butterfly

Best TT	Bob MCCABE		VNL	17m14.23
1	Fred ELSOM	68	NET	22m33.83
2	Bob MCCAUSLAND	69	QMK	28m23.29

1998 NATIONAL TOP TEN - MALE SHORT COURSE

65-69 100m Ind. Medley

Best TT	Bob BARRY		NLS	1m21.19
1	Dieter LOELIGER	65	SAM	1m22.30
2	Patrick GALVIN	65	QWS	1m30.27
3	Fred ELSOM	68	NET	1m38.82
4	Mick HALL	65	NGL	1m40.12
5	Donald TIERNEY	69	NCB	1m42.93
6	Brian NORRIS	66	QGS	1m43.44
7	Noel PETERS	67	NWG	1m44.33
8	Don COUPE	69	VGP	1m44.77
9	Joe GILBERT	69	QSC	1m45.65
10	Gus SCHUSSLER	66	WAB	1m46.17

65-69 200m Ind. Medley

Best TT	Bob BARRY		NLS	2m58.74
1	Fred ELSOM	68	NET	4m00.28
2	Carlos ASSUMPCAO	66	SAM	4m06.97
3	Bevil PURNELL	68	ACN	4m13.54
4	Thomas RYAN	66	NWG	5m10.31
5	Jack CAIRNS	69	ACN	5m12.52

65-69 400m Ind. Medley

Best TT	Kevin VICKERY		NET	7m32.53
1	David HAYNES	65	QTT	8m25.23
2	Fred ELSOM	68	NET	8m44.63
3	David EDWARDS	66	NML	9m01.90
4	Bevil PURNELL	68	ACN	9m06.75
5	David FORSYTH	66	QMK	10m27.18
6	Bob MCCAUSLAND	69	QMK	10m29.95

65-69 800m Ind. Medley

Best TT	Kevin VICKERY		NET	15m46.89
1	David HAYNES	65	QTT	18m03.37
2	Fred ELSOM	68	NET	18m44.65

****
*****
**

70-74 50m Freestyle

Best TT	Denis JOY		NWG	32.54
1	John COLES	72	STT	34.68
2	Derrek ADAMS	71	VBA	35.41
3	Robert HAMILTON	70	NPM	35.55
4	Richard HARTLEY	72	WCR	35.87
5	John ASHLEY	70	QMM	36.30
6	Royce JACKSON	74	QTT	38.50
7	Edward DONOVAN	71	VNL	38.52
7	Perc EDWARDS	73	WCM	38.52
9	Norm CLARK	72	WOP	39.80
10	George STEWART	73	NWS	39.83

70-74 100m Freestyle

Best TT	Kevin VICKERY		NET	1m13.42
1	Richard HARTLEY	72	WCR	1m20.48
2	Royce JACKSON	74	QTT	1m22.97
3	John ASHLEY	70	QMM	1m25.51
4	John COLES	72	STT	1m26.44
5	Robert HAMILTON	70	NPM	1m27.34
6	Edward DONOVAN	71	VNL	1m31.09
7	Leslie NELSON	70	NCB	1m34.51
8	Bill LAMBE	73	WSM	1m37.12
9	Jim NIMMO	74	QCN	1m37.86
10	Raymond MARSHALL	72	NHL	1m38.77

70-74 200m Freestyle

Best TT	Kevin VICKERY		NET	2m47.14
1	Richard HARTLEY	72	WCR	2m53.26
2	Royce JACKSON	74	QTT	3m06.22
3	John ETHERIDGE	70	QGC	3m23.40
4	John WHYTE	70	WOP	3m25.05
5	Edward DONOVAN	71	VNL	3m31.67
6	Jim NIMMO	74	QCN	3m35.31
7	Eric MCLEOD	72	WBM	3m39.78
8	Leslie NELSON	70	NCB	3m40.70
9	Raymond MARSHALL	72	NHL	3m45.74
10	Norm CLARK	72	WOP	3m51.45

70-74 400m Freestyle

Best TT	Kevin VICKERY		NET	5m55.12
1	Rodney BAKER	70	WMH	6m27.50
2	Royce JACKSON	74	QTT	6m35.47
3	Stan JACOBS	70	QSM	6m56.41
4	Malcolm STEVENS	71	QTW	7m06.93
5	Edward DONOVAN	71	VNL	7m37.92
6	George STEWART	73	NWS	8m10.51
7	Ken ONIONS	73	QGS	8m31.00
8	Ronald HOPKINS	72	NWS	8m36.24
9	Keith WAKE	70	NWG	8m55.12
10	Les YOUNG	72	THB	9m14.52

70-74 800m Freestyle

Best TT	Royce JACKSON		QTT	13m25.98
1	Royce JACKSON	74	QTT	13m53.12
2	Edward DONOVAN	71	VNL	15m18.24
3	Peter BOURJAU	71	THB	15m43.74
4	Ronald HOPKINS	72	NWS	17m12.97
5	George STEWART	73	NWS	17m41.22
6	Ken ONIONS	73	QGS	18m20.50
7	Kenneth CHRISTIE	70	NSG	19m28.10
8	Norman FARGHER	70	VSA	21m19.42

70-74 800m Freestyle Continued

9	Charles KEVIN	71	QSC	22m20.11

70-74 1500m Freestyle

Best TT	Royce JACKSON		QTT	25m59.42
1	Royce JACKSON	74	QTT	26m57.88
2	Tom BARTEN	71	QTT	31m02.59
3	George STEWART	73	NWS	34m27.55
4	Ken ONIONS	73	QGS	34m41.60
5	Kenneth CHRISTIE	70	NSC	36m52.62
6	Norman FARGHER	70	VSA	40m20.72
7	Charles KEVIN	71	QSC	44m09.97

70-74 3000m Freestyle

Best TT	Terence KELLY		NML	56m02.73
1	George STEWART	73	NWS	72m29.00

70-74 5000m Freestyle

Best TT	Royce JACKSON		QTT	97m57.00

70-74 30MIN Freestyle

Best TT	Kevin VICKERY		NET	1725m
1	George STEWART	73	NWS	1300m
2	Ken ONIONS	73	QGS	1225m
3	Norman FARGHER	70	VSA	1075m
4	Charles KEVIN	71	QSC	1025m
4	Austin BAPTIST	72	QSC	1025m

70-74 45MIN Freestyle

Best TT	Kevin VICKERY		NET	2550m
1	George STEWART	73	NWS	1975m
2	Ken ONIONS	73	QGS	1900m
3	Norman FARGHER	70	VSA	1650m
4	Charles KEVIN	71	QSC	1500m

70-74 60MIN Freestyle

Best TT	Kevin VICKERY		NET	3325m
1	George STEWART	73	NWS	2525m
2	Norman FARGHER	70	VSA	2175m

70-74 50m Backstroke

Best TT	Robert HAMILTON		NPM	41.47
1	Robert HAMILTON	70	NPM	41.47
2	John COLES	72	STT	46.95
3	Leslie NELSON	70	NCB	49.84
4	John ASHLEY	70	QMM	51.63
5	Richard HARTLEY	72	WCR	52.32
6	Derek HARKUP	70	WRK	53.06
7	Edward DONOVAN	71	VNL	53.53
7	George STEWART	73	NWS	53.53
9	Derrek ADAMS	71	VBA	53.69
10	Bill LAMBE	73	WSM	53.77

70-74 100m Backstroke

Best TT	Godfrey WILLIAMS		WIW	1m35.63
1	Derek HARKUP	70	WRK	1m56.59
2	Leslie NELSON	70	NCB	1m58.78
3	David MORTLOCK	71	ATN	1m59.98
4	John SHERIDAN	73	NWG	2m00.78
5	Peter BOURJAU	71	THB	2m07.48
6	Donald REDPATH	71	SAT	2m12.46
7	Russell PHILPOT	72	NET	2m13.66

70-74 100m Backstroke Continued

8	George STEWART	73	NWS	2m14.65
9	John NOTLEY	71	NLC	2m15.28
10	Robert HARDWICK	73	WCR	2m18.61

70-74 200m Backstroke

Best TT	Kevin VICKERY		NET	3m25.83
1	Robert HAMILTON	70	NPM	3m56.76
2	George STEWART	73	NWS	4m13.40
3	Donald REDPATH	71	SAT	4m40.99
4	Peter BOURJAU	71	THB	4m42.27
5	Ronald HOPKINS	72	NWS	4m46.10
6	John NOTLEY	71	NLC	4m51.62
7	Michael NOBLE	73	WOP	4m55.00
8	Charles KEVIN	71	QSC	5m03.70
9	Ken KNOX	74	VBC	5m10.72
10	Austin BAPTIST	72	QSC	5m10.93

70-74 400m Backstroke

Best TT	Malcolm STEVENS		QTW	7m33.16
1	Malcolm STEVENS	71	QTW	7m33.16
2	Royce JACKSON	74	QTT	9m20.40
3	George STEWART	73	NWS	9m24.94
4	Ronald HOPKINS	72	NWS	9m30.16
5	Peter BOURJAU	71	THB	9m45.30
6	Charles KEVIN	71	QSC	10m06.77
7	Austin BAPTIST	72	QSC	10m35.82
8	Donald REDPATH	71	SAT	10m56.90
9	Les YOUNG	72	THB	11m54.64
10	Athol EISZELE	72	THB	12m10.68

70-74 800m Backstroke

Best TT	Malcolm STEVENS		QTW	16m07.96
1	Malcolm STEVENS	71	QTW	16m07.96
2	George STEWART	73	NWS	18m59.46
3	Ronald HOPKINS	72	NWS	19m02.65
4	Charles KEVIN	71	QSC	21m16.87
5	Austin BAPTIST	72	QSC	21m43.14

70-74 1500m Backstroke

Best TT	Kevin VICKERY		NET	31m43.85
1	George STEWART	73	NWS	35m46.88
2	Charles KEVIN	71	QSC	40m43.62
3	Austin BAPTIST	72	QSC	42m26.17

70-74 45MIN Backstroke

Best TT	Kevin VICKERY		NET	2075m
1	Charles KEVIN	71	QSC	1650m
2	Austin BAPTIST	72	QSC	1575m

70-74 60MIN Backstroke

Best TT	Malcolm STEVENS		QTW	2725m
1	Austin BAPTIST	72	QSC	2125m
2	Charles KEVIN	71	QSC	2100m

70-74 50m Breaststroke

Best TT	Fred JOHNSON		WML	41.20
1	Derrek ADAMS	71	VBA	45.62
2	Leslie NELSON	70	NCB	47.61
3	Ted TANSLEY	73	VBC	47.76
4	David MORTLOCK	71	ATN	50.42
5	Peter BOURJAU	71	THB	50.72

70-74 50m Breaststroke Continued

6	Bob APPLETON	74	QSF	53.28
7	Bill LAMBE	73	WSM	53.81
8	Raymond MARSHALL	72	NHL	55.15
9	Gordon HARRISON	71	WWF	55.47
10	Max GILLESPIE	70	QSM	56.59

70-74 100m Breaststroke

Best TT	Bob MCCABE		VNL	1m41.91
1	Derrek ADAMS	71	VBA	1m43.88
2	Ted TANSLEY	73	VBC	1m47.34
3	Leslie NELSON	70	NCB	1m54.38
4	John D EVANS	70	WFR	1m55.81
5	Eric MCLEOD	72	WBM	2m05.83
6	Bill LAMBE	73	WSM	2m10.79
7	John WHYTE	70	WOP	2m11.38
8	Keith WAKE	70	NWG	2m11.95
9	Raymond MARSHALL	72	NHL	2m15.22
10	Norm CLARK	72	WOP	2m17.26

70-74 200m Breaststroke

Best TT	Kevin VICKERY		NET	3m46.49
1	Leslie NELSON	70	NCB	4m04.40
2	Ted TANSLEY	73	VBC	4m12.09
3	John SHERIDAN	73	NWG	4m38.85
4	Raymond MARSHALL	72	NHL	4m44.03
5	Keith WAKE	70	NWG	4m47.52
6	Charles KEVIN	71	QSC	5m02.19
7	Tom BARTEN	71	QTT	5m04.38
8	George STEWART	73	NWS	5m14.51
9	Hans WEHRENS	70	VKC	5m17.26
10	Charles COWLAND	73	WGO	5m22.79

70-74 400m Breaststroke

Best TT	Tom BARTEN		QTT	8m10.16
1	Tom BARTEN	71	QTT	8m10.16
2	Nev SPENCER	73	QGS	9m22.08
3	Malcolm STEVENS	71	QTW	9m30.54
4	Peter BOURJAU	71	THB	9m33.26
5	Charles KEVIN	71	QSC	10m18.04
6	Tom CARTWRIGHT	70	NET	10m20.74
7	Gordon HARRISON	71	WWF	10m33.74
8	Royce JACKSON	74	QTT	10m38.23
9	George STEWART	73	NWS	10m43.99
10	Charles COWLAND	73	WGO	10m51.71

70-74 800m Breaststroke

Best TT	David MORTLOCK		ATN	18m12.04
1	Ronnie ELGAR	73	QCN	19m34.84
2	Malcolm STEVENS	71	QTW	19m38.72
3	George STEWART	73	NWS	21m50.17
4	Charles KEVIN	71	QSC	21m50.68
5	Norman FARGHER	70	VSA	25m57.48

70-74 1500m Breaststroke

Best TT	Kevin VICKERY		NET	36m53.11
1	George STEWART	73	NWS	41m00.79
2	Charles KEVIN	71	QSC	43m00.05

70-74 30MIN Breaststroke

Best TT	George STEWART		NWS	1275m
1	Charles KEVIN	71	QSC	1075m
2	Tom CARTWRIGHT	70	NET	1025m
3	Norman FARGHER	70	VSA	925m

70-74 45MIN Breaststroke

Best TT	Nev SPENCER		QGS	1800m
1	George STEWART	73	NWS	1650m
2	Charles KEVIN	71	QSC	1525m

70-74 60MIN Breaststroke

Best TT	Darley INGLETON		VVS	2300m
1	Charles KEVIN	71	QSC	2050m

70-74 50m Butterfly

Best TT	Rodney BUTTON		NHN	41.80
1	George STEWART	73	NWS	47.64
2	Donald REDPATH	71	SAT	51.66
3	Hans WEHRENS	70	VKC	52.93
4	Eric MCLEOD	72	WBM	56.52
5	John SHERIDAN	73	NWG	56.91
6	Derek HARKUP	70	WRK	57.26
7	Edward DONOVAN	71	VNL	1m01.54
8	John NOTLEY	71	NLC	1m03.59
9	Charles KEVIN	71	QSC	1m07.21
10	David PULLEN	71	NRY	1m12.22

70-74 100m Butterfly

Best TT	Leslie CAMPBELL		NHN	1m41.04
1	George STEWART	73	NWS	2m05.18
2	John SHERIDAN	73	NWG	2m09.04
3	Perc EDWARDS	73	WCM	2m33.77
4	Charles KEVIN	71	QSC	2m47.97

70-74 200m Butterfly

Best TT	Kevin VICKERY		NET	4m03.23
1	George STEWART	73	NWS	5m24.94
2	Charles KEVIN	71	QSC	6m11.56

70-74 400m Butterfly

Best TT	Bob MCCABE		VVN	9m35.80
1	George STEWART	73	NWS	11m22.60
2	Charles KEVIN	71	QSC	13m00.21

70-74 800m Butterfly

Best TT	George STEWART		NWS	21m08.29
1	George STEWART	73	NWS	24m05.51
2	Charles KEVIN	71	QSC	26m53.38

70-74 100m Ind. Medley

Best TT	Kevin VICKERY		NET	1m32.52
1	George STEWART	73	NWS	1m52.20
2	Edward DONOVAN	71	VNL	1m52.38
3	Leslie NELSON	70	NCB	1m54.45
4	John SHERIDAN	73	NWG	1m57.68
5	Perc EDWARDS	73	WCM	1m58.32
6	Nev SPENCER	73	QGS	1m58.34
7	Derek HARKUP	70	WRK	2m01.79
8	Ronnie ELGAR	73	QCN	2m01.89
9	Jim NIMMO	74	QCN	2m03.80
10	Donald REDPATH	71	SAT	2m08.43

1998 NATIONAL TOP TEN - MALE SHORT COURSE

70-74 200m Ind. Medley

Best TT	Kevin VICKERY		NET	3m37.88
1	Edward DONOVAN	71	VNL	4m15.90
2	George STEWART	73	NWS	4m31.00
3	Raymond MARSHALL	72	NHL	4m53.44
4	Les YOUNG	72	THB	5m10.29

70-74 400m Ind. Medley

Best TT	Malcolm STEVENS		QTW	7m08.77
1	Malcolm STEVENS	71	QTW	8m20.66
2	Royce JACKSON	74	QTT	9m08.09
3	George STEWART	73	NWS	9m36.44
4	Charles KEVIN	71	QSC	10m54.18
5	Les YOUNG	72	THB	11m07.58
6	Athol EISZELE	72	THB	12m36.62

70-74 800m Ind. Medley

Best TT	Les BULLEN		NWG	16m46.16
1	Malcolm STEVENS	71	QTW	17m57.06
2	George STEWART	73	NWS	21m48.83
3	Charles KEVIN	71	QSC	23m00.91

****
*****
**

75-79 50m Freestyle

Best TT	Kevin VICKERY		NET	36.20
1	Kevin VICKERY	75	NET	36.20
2	Steve WILKES	75	QBN	36.43
3	Edward GEARY	77	SMR	40.38
4	Terry KELLY	77	NML	40.89
5	Stuart SOMERVILLE	77	NML	41.75
6	Robert MCCABE	78	VNL	45.64
7	Raymond STEVENS	77	NSG	45.90
8	Joachim EIFLER	75	WMV	46.53
9	Sid KRASEY	78	VNL	47.72
10	Edwin SKELTON	76	QHB	47.85

75-79 100m Freestyle

Best TT	Kevin VICKERY		NET	1m19.75
1	Kevin VICKERY	75	NET	1m19.75
2	Steve WILKES	75	QBN	1m25.56
3	Terry KELLY	77	NML	1m33.20
4	Ron COOPER	75	WSM	1m49.31
5	Joachim EIFLER	75	WMV	1m53.33
6	Edwin SKELTON	76	QHB	1m58.75
7	Raymond STEVENS	77	NSG	2m04.62
8	Otto SCHUMACHER	77	QJJ	2m08.09
9	Pat O'SULLIVAN	79	QTT	2m24.31
10	Doug JOB	79	THB	2m26.83

75-79 200m Freestyle

Best TT	Kevin VICKERY		NET	3m07.74
1	Kevin VICKERY	75	NET	3m07.74
2	Steve WILKES	75	QBN	3m17.25
3	Terry KELLY	77	NML	3m34.05
4	Ron COOPER	75	WSM	4m00.86
5	Robert MCCABE	78	VNL	4m09.31
6	Raymond STEVENS	77	NSG	4m35.36
7	Edwin SKELTON	76	QHB	4m43.22
8	Doug JOB	79	THB	5m27.98
9	Pat O'SULLIVAN	79	QTT	5m51.08

75-79 400m Freestyle

Best TT	Kevin VICKERY		NET	6m32.46
1	Kevin VICKERY	75	NET	6m32.46
2	Steve WILKES	75	QBN	6m40.63
3	Terry KELLY	77	NML	7m09.54
4	Edwin SKELTON	76	QHB	9m50.71
5	Pat O'SULLIVAN	79	QTT	10m23.88
6	Doug JOB	79	THB	11m05.08
7	Don NEIGHBOUR	75	NET	12m35.73

75-79 800m Freestyle

Best TT	Kevin VICKERY		NET	13m25.16
1	Kevin VICKERY	75	NET	13m25.16
2	Steve WILKES	75	QBN	13m51.13
3	Terry KELLY	77	NML	15m17.11
4	Pat O'SULLIVAN	79	QTT	21m51.16
5	Don NEIGHBOUR	75	NET	28m14.55

75-79 1500m Freestyle

Best TT	Steve WILKES		QBN	26m59.66
1	Steve WILKES	75	QBN	26m59.66
2	Terry KELLY	77	NML	28m28.72
3	Alex TALL	75	QSM	37m20.52
4	Pat O'SULLIVAN	79	QTT	44m14.27

75-79 3000m Freestyle

Best TT	Terry KELLY		NML	56m26.34

75-79 5000m Freestyle

Best TT	Russell DUNN		QTT	110m03.10

75-79 30MIN Freestyle

Best TT	Steve WILKES		QBN	1675m
1	Steve WILKES	75	QBN	1675m
2	Don NEIGHBOUR	75	NET	925m

75-79 45MIN Freestyle

Best TT	Terry KELLY		NML	2400m
1	Don NEIGHBOUR	75	NET	1175m

75-79 60MIN Freestyle

Best TT	Terry KELLY		NML	3175m

75-79 50m Backstroke

Best TT	Jamie JENKINS		NML	46.16
1	Kevin VICKERY	75	NET	47.52
2	Steve WILKES	75	QBN	49.91
3	Edward GEARY	77	SMR	51.60
4	Ron COOPER	75	WSM	53.82
5	Sid KRASEY	78	VNL	54.21
6	Raymond STEVENS	77	NSG	57.00
7	Ronald RUCK	76	VRW	59.30
8	Joachim EIFLER	75	WMV	1m04.70
9	John GWILLIM	77	NWG	1m05.42
10	Otto SCHUMACHER	77	QJJ	1m06.74

75-79 100m Backstroke

Best TT	Jamie JENKINS		NML	1m40.91
1	Kevin VICKERY	75	NET	1m42.75
2	Edward GEARY	77	SMR	1m53.66
3	Sid KRASEY	78	VNL	2m02.15
4	Ronald RUCK	76	VRW	2m15.26
5	Mark WALKER	79	QTT	2m26.71
6	Otto SCHUMACHER	77	QJJ	2m35.31
7	John GWILLIM	77	NWG	2m36.27
8	Pat O'SULLIVAN	79	QTT	3m08.85
9	Harry MOFFETT	76	NWG	3m14.17
10	Morton BAGLEY	79	NNS	3m50.78

75-79 200m Backstroke

Best TT	Jamie JENKINS		NML	3m37.77
1	Sid KRASEY	78	VNL	4m39.85
2	Ronald RUCK	76	VRW	5m00.26
3	Pat O'SULLIVAN	79	QTT	6m02.14
4	Harry MOFFETT	76	NWG	6m51.16

75-79 400m Backstroke

Best TT	Russell DUNN		QTT	8m24.21
1	John SCARR	76	QTT	9m55.96
2	Mark WALKER	79	QTT	10m39.65
3	Harry MOFFETT	76	NWG	13m51.32
4	Morton BAGLEY	79	NNS	15m29.65

75-79 800m Backstroke

Best TT	John SCARR		QTT	17m46.55
1	Mark WALKER	79	QTT	21m14.07

75-79 1500m Backstroke

Best TT	John SCARR		QTT	34m22.81
1	Mark WALKER	79	QTT	41m09.38

75-79 30MIN Backstroke

Best TT	Darley INGLETON		VSS	1225m

75-79 45MIN Backstroke

Best TT	Darley INGLETON		VSS	1800m

75-79 60MIN Backstroke

Best TT	Darley INGLETON		VSS	2425m

75-79 50m Breaststroke

Best TT	Sid KRASEY		VNL	47.91
1	Sid KRASEY	78	VNL	48.94
2	Stuart SOMERVILLE	77	NML	49.83
3	Kevin VICKERY	75	NET	52.21
4	Dennis JACKSON	76	QHB	54.39
5	Joachim EIFLER	75	WMV	59.17
6	Robert MCCABE	78	VNL	59.90
7	Edward GEARY	77	SMR	59.97
8	Raymond STEVENS	77	NSG	1m02.41
9	John GWILLIM	77	NWG	1m07.04
10	Edwin SKELTON	76	QHB	1m13.45

75-79 100m Breaststroke

Best TT	Robert MCCABE		VNL	1m09.93
1	Robert MCCABE	78	VNL	1m09.93
2	Stuart SOMERVILLE	77	NML	1m56.65
3	Dennis JACKSON	76	QHB	2m09.22
4	Joachim EIFLER	75	WMV	2m17.10
5	Darley INGLETON	78	VSS	2m46.14
6	Doug JOB	79	THB	3m04.25
7	Stanley COLLINS	78	VKX	3m33.96

75-79 200m Breaststroke

Best TT	Robert MCCABE		VNL	4m14.60
1	Robert MCCABE	78	VNL	4m44.54
2	Stuart SOMERVILLE	77	NML	4m45.95
3	Darley INGLETON	78	VSS	5m36.91

75-79 400m Breaststroke

Best TT	Dennis JACKSON		QHB	9m24.33
1	Don NEIGHBOUR	75	NET	15m36.54

75-79 800m Breaststroke

Best TT	Robert MCCABE		VNL	19m41.73
1	Don NEIGHBOUR	75	NET	33m10.73

75-79 1500m Breaststroke

Best TT	Robert MCCABE		VNL	37m18.70
1	Dennis JACKSON	76	QHB	38m43.37

75-79 30MIN Breaststroke

Best TT	Robert MCCABE		VNL	1200m
	Bill WORRALL		QTT	
1	Don NEIGHBOUR	75	NET	750m

75-79 45MIN Breaststroke

Best TT	Darley INGLETON		VSS	1775m
1	Don NEIGHBOUR	75	NET	1175m

75-79 60MIN Breaststroke

Best TT	Darley INGLETON		VSS	2325m

75-79 50m Butterfly

Best TT	Stuart SOMERVILLE		NML	46.70
1	Stuart SOMERVILLE	77	NML	46.70
2	Kevin VICKERY	75	NET	52.20
3	Dennis JACKSON	76	QHB	55.67
4	Robert MCCABE	78	VNL	57.31
5	Terry KELLY	77	NML	1m01.36
6	Raymond STEVENS	77	NSG	1m02.49
7	Ron COOPER	75	WSM	1m05.84
8	Darley INGLETON	78	VSS	1m17.23

75-79 100m Butterfly

Best TT	Kevin VICKERY		NET	2m00.63
1	Kevin VICKERY	75	NET	2m00.63
2	Dennis JACKSON	76	QHB	2m11.34
3	Terry KELLY	77	NML	2m32.96
4	Darley INGLETON	78	VSS	2m41.51

75-79 200m Butterfly

Best TT	Robert MCCABE		VNL	4m54.57
1	Kevin VICKERY	75	NET	4m56.66
2	Dennis JACKSON	76	QHB	5m10.90
3	Darley INGLETON	78	VSS	5m52.00

75-79 400m Butterfly

Best TT	Darley INGLETON		VSS	10m23.47

75-79 800m Butterfly

Best TT	Darley INGLETON		VSS	21m08.86

75-79 100m Ind. Medley

Best TT	Kevin VICKERY		NET	1m41.84
1	Kevin VICKERY	75	NET	1m41.84
2	Dennis JACKSON	76	QHB	1m58.35
3	Ron COOPER	75	WSM	2m04.56
4	Terry KELLY	77	NML	2m06.72
5	Robert MCCABE	78	VNL	2m10.44
6	Raymond STEVENS	77	NSG	2m12.25
7	Joachim EIFLER	75	WMV	2m19.88
8	Darley INGLETON	78	VSS	2m36.40
9	Pat O'SULLIVAN	79	QTT	3m33.66

75-79 200m Ind. Medley

Best TT	Edward GEARY		SMR	4m04.22
1	Darley INGLETON	78	VSS	5m28.56

75-79 400m Ind. Medley

Best TT	John SCARR		QTT	9m05.55
1	Darley INGLETON	78	VSS	10m55.64

75-79 800m Ind. Medley

Best TT	Darley INGLETON		VSS	19m42.02
1	Darley INGLETON	78	VSS	22m47.10

****
*****
**

80-84 50m Freestyle

Best TT	Arthur THOMAS		QTT	39.57
1	Arthur THOMAS	81	QTT	39.57
2	Alfred ALVAREZ	82	NPM	41.79
3	John WINTERS	81	NML	46.94
4	Hedley CRISP	82	NML	48.57
5	Tom REES	80	VNL	50.67
6	Russell DUNN	81	QTT	53.27
7	Arthur EVANS	84	QSC	1m00.74
8	Joe SAVAGE	84	SAM	1m05.44
9	Malcolm PARKER	84	VNL	1m32.67

80-84 100m Freestyle

Best TT	Frank LOUGH		NML	1m34.80
1	Arthur THOMAS	81	QTT	1m38.69
2	Alfred ALVAREZ	82	NPM	1m42.43
3	Russell DUNN	81	QTT	1m46.41
4	Hedley CRISP	82	NML	2m01.78
5	Tom REES	80	VNL	2m03.05
6	Arthur EVANS	84	QSC	2m11.49
7	John WINTERS	81	NML	2m19.12
8	Joe SAVAGE	84	SAM	2m43.94

80-84 200m Freestyle

Best TT	Russell DUNN		QTT	3m33.58
1	Tom REES	80	VNL	4m29.38
2	Hedley CRISP	82	NML	4m47.16
3	Arthur EVANS	84	QSC	4m51.99

80-84 400m Freestyle

Best TT	Frank LOUGH		NML	7m05.20
1	Russell DUNN	81	QTT	8m11.82
2	Arthur THOMAS	81	QTT	8m46.37
3	Arthur EVANS	84	QSC	10m15.13
4	Tom REES	80	VNL	10m15.35
5	Jack MATHIESON	81	NSH	12m45.60

80-84 800m Freestyle

Best TT	Russell DUNN		QTW	16m29.26
1	Russell DUNN	81	QTW	16m29.26
2	Tom REES	80	VNL	22m12.46
3	Jack MATHIESON	81	NSH	27m56.01

80-84 1500m Freestyle

Best TT	Russell DUNN		QTW	31m02.59
1	Russell DUNN	81	QTW	31m02.59
2	Jack MATHIESON	81	NSH	50m30.61

80-84 3000m Freestyle

Best TT	Allen BURGOYNE		QCN	85m20.40

80-84 30MIN Freestyle

Best TT	Tom REES		VNL	1075m
1	Tom REES	80	VNL	1075m

80-84 45MIN Freestyle

Best TT	Allen BURGOYNE		QCN	1500m

80-84 60MIN Freestyle

Best TT	Allen BURGOYNE		QCN	2150m
1	Jack MATHIESON	81	NSH	1550m

1998 NATIONAL TOP TEN - MALE SHORT COURSE

80-84 50m Backstroke

Best TT	Arthur THOMAS		QTT	49.12
1	Arthur THOMAS	81	QTT	49.12
2	John WINTERS	81	NML	1m08.31
3	Jack MATHIESON	81	NSH	1m09.73
4	Tom REES	80	VNL	1m14.49
5	Joe SAVAGE	84	SAM	1m25.84
6	Hedley CRISP	82	NML	1m33.66
7	Malcolm PARKER	84	VNL	1m49.28

80-84 100m Backstroke

Best TT	Frank LOUGH		NML	1m56.00
1	Arthur THOMAS	81	QTT	2m08.28
2	John WINTERS	81	NML	2m49.15
3	Jack MATHIESON	81	NSH	2m50.30
4	Joe SAVAGE	84	SAM	3m11.56

80-84 200m Backstroke

Best TT	Cecil BOND		NGS	4m14.90
1	Jack MATHIESON	81	NSH	6m00.37
2	John WINTERS	81	NML	6m29.36
3	Joe SAVAGE	84	SAM	6m53.47

80-84 400m Backstroke

Best TT	Arthur THOMAS		QTT	9m11.16
1	Arthur THOMAS	81	QTT	9m11.16
2	Russell DUNN	81	QTT	10m45.74
3	Harry REDPATH	80	QSM	11m06.77
4	Jack MATHIESON	81	NSH	13m28.67

80-84 800m Backstroke

Best TT	Cecil BOND		NET	19m33.59
1	Harry REDPATH	80	QSM	22m41.58
2	Jack MATHIESON	81	NSH	26m46.84

80-84 1500m Backstroke

Best TT	Harry REDPATH		QSM	43m33.78
1	Harry REDPATH	80	QSM	43m33.78
2	Jack MATHIESON	81	NSH	50m30.81

80-84 30MIN Backstroke

Best TT	Allen BURGOYNE		QCN	900m

80-84 45MIN Backstroke

Best TT	Allen BURGOYNE		QCN	1325m

80-84 50m Breaststroke

Best TT	Arthur EVANS		QSC	53.08
1	Alfred ALVAREZ	82	NPM	1m04.21
2	Jack MATHIESON	81	NSH	1m04.74
3	Tom REES	80	VNL	1m07.51
4	Arthur EVANS	84	QSC	1m18.31
5	Hedley CRISP	82	NML	1m25.78

80-84 100m Breaststroke

Best TT	Arthur EVANS		QSC	2m14.66
1	Jack MATHIESON	81	NSH	2m29.81
2	Arthur EVANS	84	QSC	2m43.59

80-84 200m Breaststroke

Best TT	Arthur EVANS		QSC	4m53.18
1	Jack MATHIESON	81	NSH	5m27.73

80-84 200m Breaststroke Continued

2	Arthur EVANS	84	QSC	5m45.39

80-84 400m Breaststroke

Best TT	Arthur EVANS		QSC	10m11.28
1	Jack MATHIESON	81	NSH	11m36.71
2	Arthur EVANS	84	QSC	11m56.10

80-84 800m Breaststroke

Best TT	Arthur EVANS		QSC	21m05.11

80-84 1500m Breaststroke

Best TT	Arthur EVANS		QSC	41m02.00
1	Jack MATHIESON	81	NSH	51m40.09

80-84 30MIN Breaststroke

Best TT	Arthur EVANS		QSC	1125m

80-84 45MIN Breaststroke

Best TT	Arthur EVANS		QSC	1650m

80-84 60MIN Breaststroke

Best TT	Allen BURGOYNE		QCN	1900m

80-84 50m Butterfly

Best TT	Tom REES		VNL	55.94
1	Tom REES	80	VNL	55.94
2	Alfred ALVAREZ	82	NPM	1m06.59

80-84 100m Butterfly

Best TT	Alfred ALVAREZ		NPM	2m33.41
1	Alfred ALVAREZ	82	NPM	2m41.53

80-84 200m Butterfly

Best TT	Frank GRIFFITHS		QGS	5m35.06
1	Alfred ALVAREZ	82	NPM	6m10.12

80-84 100m Ind. Medley

Best TT	Frank GRIFFITHS		NET	2m03.69
1	Alfred ALVAREZ	82	NPM	2m04.50

80-84 200m Ind. Medley

Best TT	Alfred ALVAREZ		NPM	4m27.09
1	Alfred ALVAREZ	82	NPM	4m58.53

****
*****
**

85-89 50m Freestyle
Best TT Frank GRIFFITHS QGS 41.92
1 Alex CLARKE 85 QTW 1m07.81

85-89 100m Freestyle
Best TT Alfredo CHERCHI NTR 1m53.34

85-89 200m Freestyle
Best TT Alfredo CHERCHI NTR 4m08.78

85-89 400m Freestyle
Best TT Alfredo CHERCHI NTR 9m37.29
1 Alex CLARKE 85 QTW 11m19.51

85-89 800m Freestyle
Best TT Alfredo CHERCHI NTR 22m06.18

85-89 1500m Freestyle
Best TT Alfredo CHERCHI NTR 42m24.57

85-89 30MIN Freestyle
Best TT Allen BURGOYNE QCN 1025m

85-89 45MIN Freestyle
Best TT Allen BURGOYNE QCN 1150m

85-89 60MIN Freestyle
Best TT Alfredo CHERCHI NTR 2025m

85-89 50m Backstroke
Best TT Frank GRIFFITHS QGS 1m00.12
1 Alex CLARKE 85 QTW 1m14.08

85-89 100m Backstroke
Best TT Alfredo CHERCHI NTR 2m42.22

85-89 200m Backstroke
Best TT Alfredo CHERCHI NTR 5m28.60

85-89 400m Backstroke
Best TT Allen BURGOYNE QCN 15m23.42

85-89 800m Backstroke
Best TT Allen BURGOYNE QCN 31m31.09

85-89 50m Breaststroke
Best TT Frank GRIFFITHS QGS 1m03.98

85-89 100m Breaststroke
Best TT Allen BURGOYNE QCN 2m53.63

85-89 200m Breaststroke
Best TT Frank GRIFFITHS QGS 4m58.98

85-89 400m Breaststroke
Best TT Allen BURGOYNE QCN 14m25.13

85-89 1500m Breaststroke
Best TT Allen BURGOYNE QCN 63m06.42

85-89 50m Butterfly
Best TT Frank GRIFFITHS QGS 1m04.19

85-89 100m Ind. Medley
Best TT Frank GRIFFITHS QGS 2m06.37

****
*****
**

1998 NATIONAL TOP TEN - MALE SHORT COURSE

90-94 50m Freestyle

Best TT	Laurie SPARRIUS		QSC	50.57
1	Alfredo CHERCHI	91	NTR	58.09

90-94 100m Freestyle

Best TT	Alfredo CHERCHI		NTR	2m06.10
1	Alfredo CHERCHI	91	NTR	2m10.23

90-94 200m Freestyle

Best TT	Alfredo CHERCHI		NTR	4m45.38
1	Alfredo CHERCHI	91	NTR	4m56.56

90-94 50m Backstroke

Best TT	Alfredo CHERCHI		NTR	1m17.25
1	Alfredo CHERCHI	91	NTR	1m17.25

90-94 100m Backstroke

Best TT	Alfredo CHERCHI		NTR	2m47.47
1	Alfredo CHERCHI	91	NTR	3m01.47

90-94 200m Backstroke

Best TT	Alfredo CHERCHI		NTR	5m54.40
1	Alfredo CHERCHI	91	NTR	6m26.54

90-94 50m Breaststroke

Best TT	Jim WALKER		QSM	1m50.85
1	Jim WALKER	90	QSM	1m50.85

****
*****
**

1998 NATIONAL TOP TEN - MALE LONG COURSE

20-24 50m Freestyle

Best TT	Angus WADDELL		QBN	24.59
1	Edward DITTEL	24	NET	26.99
2	A. PHILLIPS	21	NHN	27.04
3	Ian SIMPSON	24	QTS	27.12
4	Jamie SMITH	20	NET	27.16
5	Wade ISARD	23	WMV	27.49
6	Dougal HARRIS	22	WSM	27.63
7	Gregg HARDIE	24	SAM	28.24
8	Steven CAREY	23	VRW	28.36
9	David LAMOND	20	NET	28.51
10	Peter DITTEL	20	NET	28.56

20-24 100m Freestyle

Best TT	Mark PHILLIPS		QTW	54.72
1	A. PHILLIPS	21	NHN	58.53
2	Edward DITTEL	24	NET	1m00.80
3	Dougal HARRIS	22	WSM	1m00.99
4	Ian SIMPSON	24	QTS	1m03.22
5	David LAMOND	20	NET	1m03.31
6	Peter DITTEL	20	NET	1m07.37
7	Steven CAREY	23	VRW	1m07.53
8	Danny LACK	23	QFH	1m08.62
9	Daniel KNEIPP	23	QAT	1m21.29
10	Peter GREGORY	24	NNS	1m24.96

20-24 200m Freestyle

Best TT	Grant ROBINSON		NET	2m01.06
1	Jamie SMITH	20	NET	2m10.13
2	Leslie MORTLOCK	21	NCR	2m42.42
3	Peter GREGORY	24	NNS	2m50.97
4	Andrew ALLASON	23	WCM	3m15.19
5	Tim SCANLAN	24	ACN	3m46.35
6	Peter DRURY	21	NSH	3m54.31
7	Brendan ROCHE	21	ACN	4m30.89

20-24 400m Freestyle

Best TT	Grant ROBINSON		NET	4m14.98
1	Jamie SMITH	20	NET	4m39.81
2	Dougal HARRIS	22	WSM	5m25.07
3	Peter GREGORY	24	NNS	5m44.90
4	Leslie MORTLOCK	21	NCR	5m46.43
5	Danny LACK	23	QFH	5m55.23
6	Todd GRAY	24	QAJ	6m01.56
7	Daniel KNEIPP	23	QAT	6m55.02
8	Peter DRURY	21	NSH	7m58.72
9	Tim SCANLAN	24	ACN	7m59.17
10	Stephen BRADBURY	21	QRH	9m07.62

20-24 800m Freestyle

Best TT	Joseph WALKER		NHN	9m55.00
1	Peter GREGORY	24	NNS	11m33.55
2	Todd GRAY	24	QAJ	12m38.18
3	Andrew BOWERMAN	24	TLC	15m47.53
4	Tim SCANLAN	24	ACN	16m39.68
5	Peter DRURY	21	NSH	17m03.05
6	Brendan ROCHE	21	ACN	18m28.23

20-24 1500m Freestyle

Best TT	Grant ROBINSON		NET	17m10.00
1	Peter GREGORY	24	NNS	22m08.63

20-24 3000m Freestyle

Best TT	Alan BROWN		NWS	43m32.23
1	Peter GREGORY	24	NNS	45m19.90

20-24 5000m Freestyle

Best TT	Alan BROWN		NWS	73m27.80

20-24 30MIN Freestyle

Best TT	Grant ROBINSON		NET	2650m
1	Peter GREGORY	24	NNS	2000m

20-24 45MIN Freestyle

Best TT	Paul JONES		QHB	3100m
1	Peter GREGORY	24	NNS	2950m

20-24 60MIN Freestyle

Best TT	Alan BROWN		NWS	4100m

20-24 50m Backstroke

Best TT	Scott MARKICH		NHL	29.42
1	Edward DITTEL	24	NET	33.29
2	John WOOLFORD	22	NRY	34.72
3	Leslie MORTLOCK	21	NCR	35.71
4	Peter GREGORY	24	NNS	35.75
5	Peter DITTEL	20	NET	35.78
6	Todd GRAY	24	QAJ	36.16
7	Ian SIMPSON	24	QTS	37.62
8	Daniel KNEIPP	23	QAT	45.32
9	Stephen BRADBURY	21	QRH	50.58

20-24 100m Backstroke

Best TT	Scott MARKICH		NHL	1m02.84
1	John WOOLFORD	22	NRY	1m14.72
2	Wade ISARD	23	WMV	1m17.59
3	Leslie MORTLOCK	21	NCR	1m19.83
4	Glen WILKIN	23	WCM	1m20.53
5	Tim SCANLAN	24	ACN	2m13.21

20-24 200m Backstroke

Best TT	Scott MARKICH		NHL	2m16.88
1	A. PHILLIPS	21	NHN	2m28.65
2	Leslie MORTLOCK	21	NCR	2m51.71
3	Todd GRAY	24	QAJ	3m09.44

20-24 400m Backstroke

Best TT	Scott MARKICH		NHL	4m59.65

20-24 800m Backstroke

Best TT	Scott MARKICH		NHL	10m30.16

20-24 1500m Backstroke

Best TT	Scott MARKICH		NHL	19m53.53

20-24 60MIN Backstroke

Best TT	Alan BROWN		NWS	3450m
	Anthony PECK		WSS	

20-24 50m Breaststroke

Best TT	Mark LANE		WOP	32.32
1	Dougal HARRIS	22	WSM	37.16
2	Edward DITTEL	24	NET	37.50
3	Danny LACK	23	QFH	37.61

1998 NATIONAL TOP TEN - MALE LONG COURSE

20-24 50m Breaststroke Continued

4	David LAMOND	20	NET	38.28
5	Peter DITTEL	20	NET	39.20
6	Ian SIMPSON	24	QTS	39.57
7	A. PHILLIPS	21	NHN	40.28
8	Leslie MORTLOCK	21	NCR	40.63
9	Steven CAREY	23	VRW	43.47
10	Kazuhiko TAKENAKA	23	WPC	43.83

20-24 100m Breaststroke

Best TT	Mark LANE		WOP	1m11.88
1	Jamie SMITH	20	NET	1m22.28
2	Danny LACK	23	QEH	1m26.00
3	David LAMOND	20	NET	1m26.65
4	Ian SIMPSON	24	QTS	1m37.18
5	Ryan O'HALLORAN	23	QBB	1m50.07
6	Stephen BRADBURY	21	QRH	1m55.89
7	Andrew ALLASON	23	WCM	1m57.79
8	Tim SCANLAN	24	ACN	2m10.70
9	Brendan ROCHE	21	ACN	2m26.88

20-24 200m Breaststroke

Best TT	C. DAVIES		NAM	2m44.14
1	Todd GRAY	24	QAJ	3m10.73
2	Peter DITTEL	20	NET	3m33.52
3	Ryan O'HALLORAN	23	QBB	3m51.09
4	Stephen BRADBURY	21	QRH	4m03.09
5	Tim SCANLAN	24	ACN	4m31.99
6	Brendan ROCHE	21	ACN	5m08.81

20-24 400m Breaststroke

Best TT	Scott MARKICH		NHL	6m07.12
1	Ryan O'HALLORAN	23	QBB	8m05.90
2	Tim SCANLAN	24	ACN	9m16.75
3	Brendan ROCHE	21	ACN	10m06.04
4	Peter DRURY	21	NSH	11m46.80

20-24 800m Breaststroke

Best TT	Scott MARKICH		NHL	12m44.25
1	Todd GRAY	24	QAJ	13m53.12
2	Ryan O'HALLORAN	23	QBB	16m34.66

20-24 1500m Breaststroke

Best TT	Todd GRAY		QAJ	26m19.48
1	Todd GRAY	24	QAJ	26m19.48
2	Ryan O'HALLORAN	23	QBB	31m59.55

20-24 30MIN Breaststroke

Best TT	Ryan O'HALLORAN		QBB	1400m
1	Ryan O'HALLORAN	23	QBB	1400m

20-24 60MIN Breaststroke

Best TT	Ken PATRICK		WCM	3200m

20-24 50m Butterfly

Best TT	Angus WADDELL		QBN	26.58
1	Edward DITTEL	24	NET	30.28
2	Peter GREGORY	24	NNS	30.93
3	Dougal HARRIS	22	WSM	31.11
4	Ian SIMPSON	24	QTS	32.19
5	Leslie MORTLOCK	21	NCR	33.03
6	Peter DITTEL	20	NET	33.34

20-24 50m Butterfly Continued

7	Glen WILKIN	23	WCM	33.92
8	Gregg HARDIE	24	SAM	35.15

20-24 100m Butterfly

Best TT	Steve CLARK		QUW	1m00.06
1	Todd GRAY	24	QAJ	1m21.34

20-24 200m Butterfly

Best TT	Mark PHILLIPS		QTW	2m15.83

20-24 400m Butterfly

Best TT	Joseph WALKER		NHN	5m41.91

20-24 800m Butterfly

Best TT	Ken PATRICK		WCM	14m59.90

20-24 200m Ind. Medley

Best TT	Steve CLARK		QUW	2m17.80
1	David LAMOND	20	NET	2m46.48
2	Todd GRAY	24	QAJ	2m53.78
3	Glen WILKIN	23	WCM	3m03.94

20-24 400m Ind. Medley

Best TT	Steve CLARK		QUW	5m04.50
1	Todd GRAY	24	QAJ	6m20.88

20-24 800m Ind. Medley

Best TT	Scott MARKICH		NHL	11m12.10
1	Todd GRAY	24	QAJ	12m38.11

****

*****

**

1998 NATIONAL TOP TEN - MALE LONG COURSE

25-29 50m Freestyle

Best TT	Angus WADDELL		QPW	22.79
1	Blair MCQUADE	27	NWG	26.17
2	R. EDWARDS	28	QTW	26.21
3	Damien HELGESON	28	QGC	26.40
4	Christopher FORD	27	QTW	26.73
5	Dean HOPPER	28	NPM	26.80
6	Chris WRIGHT	26	QPN	27.41
7	Andrew JONES	25	QMK	27.81
8	Michael GALDAL	27	QGS	28.02
9	Matthew WRIGHT	29	QPN	28.05
10	H. VAN DE WATER	28	VNL	28.10

25-29 100m Freestyle

Best TT	Angus WADDELL		QPW	51.92
1	R. EDWARDS	28	QTW	59.16
2	Cameron ROBERTS	26	NNC	1m00.80
3	Dean HOPPER	28	NPM	1m02.03
4	Andrew JONES	25	QMK	1m02.09
5	Chris WRIGHT	26	QPN	1m03.28
6	Michael GALDAL	27	QGS	1m03.50
7	Gregory HALLEN	29	NDB	1m03.57
8	Gerard FIELD	26	WSU	1m03.79
9	Peter BROWN	25	NNC	1m03.90
10	Wesley PHILLIPS	27	WFR	1m03.97

25-29 200m Freestyle

Best TT	Gary BRINKMAN		QMM	1m59.72
1	Brent WALKER	27	THB	2m00.43
2	Damien HELGESON	28	QGC	2m15.84
3	Gregory HALLEN	29	NDB	2m19.89
4	Gavin DRAYTON	26	NRY	2m21.39
5	Anton LION	25	VPP	2m22.13
6	Christopher FORD	27	QTW	2m22.71
7	Simon ELLINGSEN	29	TTL	2m26.03
8	David FAIRCLOUGH	28	WSU	2m30.41
9	Dominic GILI	29	NWO	2m30.94
10	Tony FABRIS	29	WWC	2m32.39

25-29 400m Freestyle

Best TT	Brent WALKER		THB	4m19.09
1	Brent WALKER	27	THB	4m20.82
2	Gregory HALLEN	29	NDB	5m05.84
3	Simon ELLINGSEN	29	TTL	5m10.33
4	Martin DRAIN	28	NTM	5m19.41
5	Robert BURNS	26	VMV	5m28.90
6	Jason LINAKER	28	WBB	5m30.30
7	David FAIRCLOUGH	28	WSU	5m31.32
8	Alexei LYSENKO	25	TTL	5m40.08
9	Craig ALLATT	26	ACN	5m47.10
10	Stuart PEARSON	28	NGF	5m56.95

25-29 800m Freestyle

Best TT	Andrew GRAY		NNS	9m07.70
1	Brent WALKER	27	THB	9m29.69
2	Robert BURNS	26	VMV	11m11.49
3	David FAIRCLOUGH	28	WSU	11m36.83
4	Jason LINAKER	28	WBB	11m40.89
5	Craig ALLATT	26	ACN	11m50.22
6	Alexei LYSENKO	25	TTL	12m39.24
7	C. CHAPMAN	26	ACN	12m40.78
8	David MCLEAN	27	NWS	13m14.81

25-29 800m Freestyle Continued

9	Damian GOULD	29	QBN	13m23.02
10	Darren HANLEY	29	QPL	13m34.75

25-29 1500m Freestyle

Best TT	Brent WALKER		THB	17m25.92
1	Danny SOANES	29	WPC	20m21.64
2	Robert BURNS	26	VMV	21m16.78
3	Mark CHAMBERS	29	QPN	21m57.83
4	Gregory HALLEN	29	NDB	22m06.00
5	Craig ALLATT	26	ACN	22m18.45
6	David FAIRCLOUGH	28	WSU	22m40.74
7	Andrew JONES	25	QMK	23m55.09
8	C. CHAPMAN	26	ACN	24m36.34
9	Darren HANLEY	29	QPL	24m50.83
10	Damian GOULD	29	QBN	25m21.22

25-29 3000m Freestyle

Best TT	T. HAINES		QMM	38m54.00
1	Gregory HALLEN	29	NDB	44m51.00
2	David FAIRCLOUGH	28	WSU	47m04.61
3	Craig ALLATT	26	ACN	48m39.51

25-29 5000m Freestyle

Best TT	Vladimir FODOR		QSM	59m33.37
1	Gregory HALLEN	29	NDB	76m12.00

25-29 30MIN Freestyle

Best TT	David LESLIE		QSC	2200m
	Joseph WALKER		NHN	
1	Robert BURNS	26	VMV	2050m
2	Gregory HALLEN	29	NDB	2000m
3	David FAIRCLOUGH	28	WSU	1975m
4	Craig ALLATT	26	ACN	1850m
5	C. CHAPMAN	26	ACN	1775m
6	Damian GOULD	29	QBN	1750m
7	Darren SMITH	28	VWB	1675m
8	Ivan MACCIOCCA	28	VDC	1650m
9	Malcolm PATTERSON	27	CDW	1625m
10	James CIANTAR	27	WML	1425m

25-29 45MIN Freestyle

Best TT	Joseph WALKER		NHN	3300m
1	Gregory HALLEN	29	NDB	3000m
2	Craig ALLATT	26	ACN	2800m

25-29 60MIN Freestyle

Best TT	Vladimir FODOR		QSM	4575m
1	Gregory HALLEN	29	NDB	3950m
2	David FAIRCLOUGH	28	WSU	3775m
3	Craig ALLATT	26	ACN	3650m
4	Andrew JONES	25	QMK	3575m
5	Ashley WILLIAMS	28	VPP	3125m

25-29 50m Backstroke

Best TT	Brent WALKER		THB	29.03
1	Blair MCQUADE	27	NWG	31.03
2	Matthew WRIGHT	29	QPN	31.88
3	Scott HARDIE	25	SAM	34.82
4	Darren WHETTON	29	VSP	35.29
5	Danny SOANES	29	WPC	35.34
6	Gerard FIELD	26	WSU	35.74

1998 NATIONAL TOP TEN - MALE LONG COURSE

25-29 50m Backstroke Continued

7	Chris HENDERSON	26	NRY	36.07
8	Michael GALDAL	27	QGS	36.38
9	Peter LUGER	28	WFR	36.64
10	Rene HARDENBOL	27	WGO	36.69

25-29 100m Backstroke

Best TT	Brent WALKER		THB	1m01.41
1	Brent WALKER	27	THB	1m01.41
2	Matthew WRIGHT	29	QPN	1m13.51
3	Danny SOANES	29	WPC	1m14.97
4	Scott HARDIE	25	SAM	1m17.57
5	Darren WHETTON	29	VSP	1m18.85
6	Chris HENDERSON	26	NRY	1m20.77
7	Peter LUGER	28	WFR	1m21.87
8	Mark CHAMBERS	29	QPN	1m31.73
9	C. CHAPMAN	26	ACN	1m33.91
10	Craig ALLATT	26	ACN	1m47.99

25-29 200m Backstroke

Best TT	R. DILL-MACKY		NRY	2m13.69
1	Brent WALKER	27	THB	2m18.42
2	Matthew WRIGHT	29	QPN	2m39.41
3	James EGAN	29	NNS	2m43.33
4	Alexei LYSENKO	25	TTL	2m51.12
5	Darren WHETTON	29	VSP	2m54.16
6	Chris HENDERSON	26	NRY	3m02.22
7	Scott HARDIE	25	SAM	3m03.19
8	Craig ALLATT	26	ACN	3m37.36
9	C. CHAPMAN	26	ACN	3m46.99

25-29 400m Backstroke

Best TT	R. DILL-MACKY		NWG	4m55.62
1	Darren WHETTON	29	VSP	6m33.84
2	Craig ALLATT	26	ACN	7m19.89
3	Malcolm PATTERSON	27	CDW	7m22.48
4	C. CHAPMAN	26	ACN	7m49.25
5	Simon A EDWARDS	27	WBY	10m03.60

25-29 800m Backstroke

Best TT	Mark ERICKSON		QSC	11m57.20
1	Alexei LYSENKO	25	TTL	13m10.86
2	Darren WHETTON	29	VSP	13m47.02
3	Malcolm PATTERSON	27	CDW	15m14.78
4	Simon A EDWARDS	27	WBY	24m38.60

25-29 1500m Backstroke

Best TT	Danny SOANES		WPC	22m36.65
1	Danny SOANES	29	WPC	22m36.65
2	R. EDWARDS	28	QTW	23m44.79
3	Darren WHETTON	29	VSP	26m13.10

25-29 30MIN Backstroke

Best TT	Alan BROWN		NWS	1700m

25-29 45MIN Backstroke

Best TT	Alan BROWN		NWS	2550m

25-29 60MIN Backstroke

Best TT	David HOLT		WCM	3500m

25-29 50m Breaststroke

Best TT	Guy FARROW		VMV	30.63
1	Matthew WRIGHT	29	QPN	30.77
2	Andrew JONES	25	QMK	32.47
3	Cameron ROBERTS	26	NNC	34.34
4	Christopher FORD	27	QTW	34.67
5	Daryl BILNEY	26	VBL	34.91
6	Alex TAURANY	25	NGR	35.28
7	Darren WHETTON	29	VSP	35.58
8	Garry MORTLOCK	25	NCR	35.62
9	Gavin ROWELL	29	SAM	35.93
10	Christian LUTZ	25	WSM	36.20

25-29 100m Breaststroke

Best TT	Matthew WRIGHT		QPN	1m07.69
1	Matthew WRIGHT	29	QPN	1m07.69
2	R. EDWARDS	28	QTW	1m15.30
3	Cameron ROBERTS	26	NNC	1m17.27
4	Christian LUTZ	25	WSM	1m20.79
5	Daryl BILNEY	26	VBL	1m21.20
6	Garry MORTLOCK	25	NCR	1m22.06
7	Gavin ROWELL	29	SAM	1m22.49
8	Martin DRAIN	28	NTM	1m24.83
9	Shayne DEUTZMAN	25	TLC	1m24.95
10	Jonathan PUGH	25	TLC	1m26.28

25-29 200m Breaststroke

Best TT	Michael MOLONEY		VMO	2m24.99
1	Matthew WRIGHT	29	QPN	2m29.45
2	R. EDWARDS	28	QTW	2m47.81
3	Garry MORTLOCK	25	NCR	3m00.58
4	Martin DRAIN	28	NTM	3m01.27
5	Christian LUTZ	25	WSM	3m02.39
6	Gavin ROWELL	29	SAM	3m03.20
7	Douglas SCHULER	26	QPL	3m09.25
8	Jonathan PUGH	25	TLC	3m25.70
9	Darren WHETTON	29	VSP	3m32.44
10	C. CHAPMAN	26	ACN	3m34.34

25-29 400m Breaststroke

Best TT	Michael MOLONEY		VMO	5m40.99
1	R. EDWARDS	28	QTW	6m05.83
2	Christian LUTZ	25	WSM	6m35.64
3	Anton LION	25	VPP	6m49.71
4	C. CHAPMAN	26	ACN	7m23.36
5	Darren WHETTON	29	VSP	7m29.32
6	Alexei LYSENKO	25	TTL	7m36.30
7	Malcolm PATTERSON	27	CDW	8m08.90
8	James CIANTAR	27	WML	8m11.18
9	Richard BERKELEY	27	ACN	10m38.95
10	Simon A EDWARDS	27	WBY	12m34.80

25-29 800m Breaststroke

Best TT	Mathew WRIGHT		QPN	12m01.22
1	Christian LUTZ	25	WSM	14m04.70
2	Darren WHETTON	29	VSP	15m15.60
3	C. CHAPMAN	26	ACN	15m21.40

25-29 1500m Breaststroke

Best TT	Matthew WRIGHT		QPN	22m14.01
1	Matthew WRIGHT	29	QPN	22m14.01
2	Christian LUTZ	25	WSM	26m46.18

25-29 1500m Breaststroke Continued

3	C. CHAPMAN	26	ACN	29m40.32
4	Malcolm PATTERSON	27	CDW	33m26.54

25-29 30MIN Breaststroke

Best TT	Michael MOLONEY		VMO	1800m
1	Christian LUTZ	25	WSM	1675m
2	Malcolm PATTERSON	27	CDW	1375m

25-29 45MIN Breaststroke

Best TT	Michael MOLONEY		VMO	2675m

25-29 60MIN Breaststroke

Best TT	Michael MOLONEY		VMO	3500m

25-29 50m Butterfly

Best TT	Angus WADDELL		QPW	25.25
1	Blair MCQUADE	27	NWG	29.03
2	Chris WRIGHT	26	QPN	29.06
3	Christopher FORD	27	QTW	29.38
4	Matthew WRIGHT	29	QPN	29.56
5	H. VAN DE WATER	28	VNL	30.16
6	Anton LION	25	VPP	30.33
7	Alex TAURANY	25	NGR	30.52
8	Christian LUTZ	25	WSM	30.69
9	Michael GALDAL	27	QGS	30.77
10	Shayne DEUTZMAN	25	TLC	31.31

25-29 100m Butterfly

Best TT	Mark MORGAN		NWG	57.98
1	Brent WALKER	27	THB	58.59
2	Damien HELGESON	28	QGC	1m03.59
3	Chris WRIGHT	26	QPN	1m09.71
4	Anton LION	25	VPP	1m10.70
5	Joseph WALKER	27	NHN	1m18.83
6	H. VAN DE WATER	28	VNL	1m19.07
7	Craig ALLATT	26	ACN	1m29.52
8	C. CHAPMAN	26	ACN	1m46.56
9	Richard BERKELEY	27	ACN	2m08.98

25-29 200m Butterfly

Best TT	Brent WALKER		THB	2m10.66
1	Brent WALKER	27	THB	2m10.66
2	Joseph WALKER	27	NHN	2m43.21
3	Damien HELGESON	28	QGC	2m58.40
4	C. CHAPMAN	26	ACN	3m59.34
5	Alexei LYSENKO	25	TTL	4m24.58

25-29 400m Butterfly

Best TT	Scott MARKICH		NHL	5m50.32
1	Christian LUTZ	25	WSM	7m12.47

25-29 800m Butterfly

Best TT	Mark ERICKSON		QSC	13m30.11
1	Christian LUTZ	25	WSM	16m02.27

25-29 200m Ind. Medley

Best TT	Scott MARKICH		NHL	2m19.59
1	Matthew WRIGHT	29	QPN	2m27.36
2	James EGAN	29	NNS	2m38.73
3	Christopher FORD	27	QTW	2m39.03
4	Joseph WALKER	27	NHN	2m42.19

25-29 200m Ind. Medley Continued

5	Daryl BILNEY	26	VBL	2m43.99
6	Christian LUTZ	25	WSM	2m49.05
7	Danny SOANES	29	WPC	2m49.82
8	Alexei LYSENKO	25	TTL	2m51.89
9	Martin DRAIN	28	NTM	2m53.12
10	Douglas SCHULER	26	QPL	2m56.79

25-29 400m Ind. Medley

Best TT	Mark SMEDLEY		STT	4m56.94
1	James EGAN	29	NNS	5m50.97
2	Martin DRAIN	28	NTM	5m58.43
3	Alexei LYSENKO	25	TTL	6m08.79
4	Craig ALLATT	26	ACN	6m49.96
5	Malcolm PATTERSON	27	CDW	7m35.50
6	C. CHAPMAN	26	ACN	7m46.16
7	Simon A EDWARDS	27	WBY	8m45.78
8	Richard BERKELEY	27	ACN	9m54.98

25-29 800m Ind. Medley

Best TT	Peter RAINEY		VMV	10m18.74
1	C. CHAPMAN	26	ACN	16m17.41

****

*****

**

1998 NATIONAL TOP TEN - MALE LONG COURSE

30-34 50m Freestyle

Best TT	John MARSHALL		NWG	24.25
1	Alastair KELLAWAY	31	QMM	25.63
2	Peter RAINEY	33	VMV	26.20
3	Darren GUM	31	NRY	26.32
4	Paul BLOOD	30	QCD	26.41
5	Mark YOUD	33	TNN	26.46
6	David MCGRATH	32	NWO	26.62
7	Allan BOWMAN	31	QUW	26.83
8	Vassili EFIMOV	30	NWO	27.05
9	Hugh CONDON	31	VPP	27.20
10	David ORCHARD	31	QSM	27.55

30-34 100m Freestyle

Best TT	Mark MORGAN		NWG	54.51
1	Peter RAINEY	33	VMV	57.86
2	David MCGRATH	32	NWO	58.17
3	Paul BLOOD	30	QCD	59.20
4	Alastair KELLAWAY	31	QMM	59.72
5	Mark BLAKE	33	TOC	1m00.11
6	David ORCHARD	31	QSM	1m00.54
7	Allan BOWMAN	31	QUW	1m00.72
8	Michael MAGAZANIK	32	VPP	1m01.00
9	John MCLELLAND	33	THB	1m01.33
10	Anthony WEST	31	QTW	1m01.41

30-34 200m Freestyle

Best TT	Mark MORGAN		NWG	2m00.37
1	David MCGRATH	32	NWO	2m08.47
2	Mark BLAKE	33	TOC	2m14.18
3	Brendan O'ROURKE	32	QTV	2m14.97
4	Michael MAGAZANIK	32	VPP	2m17.04
5	Vassili EFIMOV	30	NWO	2m17.64
6	Anthony WEST	31	QTW	2m17.76
7	John MCLELLAND	33	THB	2m18.22
8	Roger BELMAR	33	NET	2m19.43
9	David ORCHARD	31	QSM	2m19.99
10	Vince MCMULLAN	30	SNO	2m20.69

30-34 400m Freestyle

Best TT	Darren TURNER		NLS	4m21.40
1	Brendan O'ROURKE	32	QTV	4m42.04
2	David MCGRATH	32	NWO	4m45.78
3	Mark BLAKE	33	TOC	4m53.61
4	Peter NIERE	33	VMV	4m55.95
5	Roger BELMAR	33	NET	4m58.50
6	John MCLELLAND	33	THB	5m03.27
7	Vassili EFIMOV	30	NWO	5m05.84
8	Leighton GRANTER	34	NML	5m07.69
9	Anthony WEST	31	QTW	5m09.27
10	Tim GREEN	30	NML	5m10.58

30-34 800m Freestyle

Best TT	Russell FLETCHER		VPP	9m02.17
1	Darren TURNER	32	NLS	9m07.30
2	Brendan O'ROURKE	32	QTV	9m25.89
3	Peter NIERE	33	VMV	10m33.78
4	Robert WALSH	34	QMM	10m56.40
5	Alastair KELLAWAY	31	QMM	11m34.96
6	Matthew RICKER	30	NNS	11m40.13
7	Steve RAYNES	34	WPC	11m40.65
8	Graeme BROWN	34	QPL	11m41.74

30-34 800m Freestyle Continued

9	Mick SMITH	34	WSM	11m51.27
10	Alan BROWN	31	NWS	12m13.66

30-34 1500m Freestyle

Best TT	Darren TURNER		NLS	17m15.08
1	Darren TURNER	32	NLS	17m15.08
2	Peter NIERE	33	VMV	20m40.57
3	Matthew RICKER	30	NNS	22m02.52
4	Steve RAYNES	34	WPC	22m09.10
5	Robert WALSH	34	QMM	22m10.51
6	Mick SMITH	34	WSM	22m34.11
7	Alastair KELLAWAY	31	QMM	22m46.50
8	Graeme BROWN	34	QPL	23m22.44
9	Peter CHARLTON	33	NSG	23m56.92
10	Alan BROWN	31	NWS	24m03.48

30-34 3000m Freestyle

Best TT	Peter NIERE		VMV	40m34.99
1	Peter NIERE	33	VMV	42m12.60
2	Matthew RICKER	30	NNS	45m22.89
3	Alan BROWN	31	NWS	49m58.11
4	Benjamin TAYLOR	30	NWS	50m14.22
5	T. KRISTOFFERSEN	32	WSU	53m19.17
6	Keef HICKEY	34	WSU	57m38.93
7	Jason CRAIG	30	NGR	58m47.61
8	Andrew SMITH	34	SAT	59m27.99

30-34 5000m Freestyle

Best TT	Peter REABURN		QMM	69m35.00

30-34 30MIN Freestyle

Best TT	Peter NIERE		VMV	2225m
1	Peter NIERE	33	VMV	2175m
2	Matthew RICKER	30	NNS	2000m
3	Mick SMITH	34	WSM	1975m
4	Wayne BARR	31	SAO	1900m
4	Peter MARSH	34	QSM	1900m
6	Alan BROWN	31	NWS	1850m
7	Ross CUNNINGHAM	34	NLS	1750m
8	Peter MCKEE	32	QIP	1675m
8	Keef HICKEY	34	WSU	1675m
8	T. KRISTOFFERSEN	32	WSU	1675m

30-34 45MIN Freestyle

Best TT	Peter NIERE		VMV	3300m
1	Peter NIERE	33	VMV	3175m
2	Matthew RICKER	30	NNS	2950m
3	Alan BROWN	31	NWS	2700m
4	T. KRISTOFFERSEN	32	WSU	2575m
5	Benjamin TAYLOR	30	NWS	2400m
6	Henry EVANS	33	QSC	2350m
7	Phillip GOODRIDGE	30	WWF	2300m
8	Andrew SMITH	34	SAT	2200m
9	Thomas MCGUIRE	34	WIW	1850m

30-34 60MIN Freestyle

Best TT	Russell FLETCHER		VPP	4825m
1	Peter NIERE	33	VMV	4200m
2	Benjamin TAYLOR	30	NWS	3550m
3	T. KRISTOFFERSEN	32	WSU	3375m
4	Steven COWIN	31	WIW	3250m

30-34 60MIN Freestyle Continued

5	Keef HICKEY	34	WSU	3125m
6	Jason CRAIG	30	NGR	3050m
7	Andrew SMITH	34	SAT	3000m
7	Phillip GOODRIDGE	30	WWF	3000m
9	Henry EVANS	33	QSC	2950m
10	Thomas MCGUIRE	34	WIW	2425m

30-34 50m Backstroke

Best TT	Russell FLETCHER		VPP	28.67
1	David ORCHARD	31	QSM	32.21
2	Paul BLOOD	30	QCD	32.70
3	Daniel WALLACE	31	VMV	32.86
4	Sean COULSON	30	NWO	33.13
5	Jamie COLE	31	NWO	33.92
5	Benjamin TAYLOR	30	NWS	33.92
7	Darren GUM	31	NRY	34.31
8	Vassili EFIMOV	30	NWO	34.50
9	Wade DODSON	31	WCM	34.64
10	David MCGRATH	32	NWO	34.77

30-34 100m Backstroke

Best TT	Daniel WALLACE		VMV	1m02.63
1	David ORCHARD	31	QSM	1m09.62
2	Daniel WALLACE	31	VMV	1m12.19
3	Vassili EFIMOV	30	NWO	1m13.28
4	Jamie COLE	31	NWO	1m14.81
5	Graeme BROWN	34	QPL	1m19.79
6	Ian INSLEY	32	QHA	1m26.22
7	Peter NIERE	33	VMV	1m28.45
8	John MARTIN	31	VSN	1m28.60
9	Adam PARKER	33	WSM	1m31.69
10	Peter DUFFY	33	QRT	1m32.02

30-34 200m Backstroke

Best TT	R. DILL-MACKY		NWG	2m15.32
1	David ORCHARD	31	QSM	2m30.74
2	Anthony WEST	31	QTW	2m37.22
3	Daniel WALLACE	31	VMV	2m38.74
4	Vassili EFIMOV	30	NWO	2m43.32
5	Ron ZIESSLER	34	VSN	2m45.71
6	Peter NIERE	33	VMV	2m47.18
7	Jamie COLE	31	NWO	2m47.22
8	Sean COULSON	30	NWO	2m47.49
9	Doug MCKINSTRY	34	QCN	2m52.62
10	Glen BRISCOE	32	QIS	2m53.22

30-34 400m Backstroke

Best TT	David ORCHARD		QSM	5m30.44
1	Peter NIERE	33	VMV	5m58.38
2	Glen BRISCOE	32	QIS	6m08.20
3	Graeme BROWN	34	QPL	6m18.41
4	Wayne BARR	31	SAO	6m34.15
5	Benjamin TAYLOR	30	NWS	6m41.26
6	Simon MC CORMACK	32	SAT	6m54.99
7	Alan BROWN	31	NWS	7m04.84
8	Ian INSLEY	32	QHA	7m19.83
9	Peter BROWN	33	WSM	7m30.78
10	Henry EVANS	33	QSC	7m45.85

30-34 800m Backstroke

Best TT	William POWER		VMV	11m41.16
1	Peter NIERE	33	VMV	12m26.59
2	Benjamin TAYLOR	30	NWS	14m13.12
3	Simon MC CORMACK	32	SAT	14m26.99
4	Alan BROWN	31	NWS	14m40.80
5	Ross CUNNINGHAM	34	NLS	15m35.00
6	Henry EVANS	33	QSC	16m20.67
7	T. KRISTOFFERSEN	32	WSU	16m36.58

30-34 1500m Backstroke

Best TT	Keith EVERLEY		SAM	22m36.05
1	Peter NIERE	33	VMV	23m23.22
2	Glen BRISCOE	32	QIS	25m47.26
3	Benjamin TAYLOR	30	NWS	26m40.50
4	Ross CUNNINGHAM	34	NLS	30m12.61
5	Henry EVANS	33	QSC	30m51.77
6	T. KRISTOFFERSEN	32	WSU	32m12.27

30-34 30MIN Backstroke

Best TT	Peter NIERE		VMV	1925m
1	Peter NIERE	33	VMV	1925m
2	Ross CUNNINGHAM	34	NLS	1550m
2	Benjamin TAYLOR	30	NWS	1550m
4	Henry EVANS	33	QSC	1450m
5	T. KRISTOFFERSEN	32	WSU	1350m

30-34 45MIN Backstroke

Best TT	Peter NIERE		VMV	2825m
1	Peter NIERE	33	VMV	2825m
2	Henry EVANS	33	QSC	1950m

30-34 60MIN Backstroke

Best TT	Mark HIBBS		QMN	3750m
1	Peter NIERE	33	VMV	3700m
2	Ross CUNNINGHAM	34	NLS	3050m
3	Henry EVANS	33	QSC	2575m

30-34 50m Breaststroke

Best TT	Mark ERICKSON		QWY	32.15
1	Paul BLOOD	30	QCD	32.73
2	Peter HUNT	32	VPP	34.16
3	Stephen WRIGHT	34	NTR	34.75
4	Peter MARSH	34	QSM	34.83
5	Cameron DOLE	31	VEN	35.37
6	Michael MAGAZANIK	32	VPP	35.70
7	Darren GUM	31	NRY	36.23
8	Michael LYTEN	31	QIS	36.25
9	John MUIR	32	WCM	36.83
10	Benjamin TAYLOR	30	NWS	36.89

30-34 100m Breaststroke

Best TT	Daryl BARNES		VHH	1m13.00
1	Paul BLOOD	30	QCD	1m14.21
2	Peter MARSH	34	QSM	1m16.52
3	Anthony WEST	31	QTW	1m18.74
4	Michael LYTEN	31	QIS	1m19.16
5	Cameron DOLE	31	VEN	1m19.46
6	David ORCHARD	31	QSM	1m21.02
7	Masaaki MACHIDA	34	VBC	1m23.60
8	Joel FANDINO	32	VNL	1m26.33
9	Andrew SMITH	34	SAT	1m26.49

1998 NATIONAL TOP TEN - MALE LONG COURSE

30-34 100m Breaststroke Continued

10	Darren GUM	31	NRY	1m26.77

30-34 200m Breaststroke

Best TT	Paul LEMMON		NET	2m39.54
1	Peter MARSH	34	QSM	2m50.09
2	Cameron DOLE	31	VEM	2m55.10
3	Masaaki MACHIDA	34	VBC	3m02.78
4	Joel FANDINO	32	VNL	3m10.02
5	Steven HYDE	32	QIS	3m13.13
6	Wayne BARR	31	SAO	3m15.84
7	Scott REEVES	32	NLP	3m18.15
8	Matthew RICKER	30	NNS	3m20.16
9	Benjamin TAYLOR	30	NWS	3m20.56
10	Andrew SMITH	34	SAT	3m20.95

30-34 400m Breaststroke

Best TT	C. WINDLEY		VSS	5m56.87
1	Peter MARSH	34	QSM	6m05.73
2	Michael LYTEN	31	QIS	6m18.23
3	Matthew RICKER	30	NNS	6m55.73
4	Wayne BARR	31	SAO	7m01.96
5	Benjamin TAYLOR	30	NWS	7m18.79
6	Andrew SMITH	34	SAT	7m25.99
7	Keef HICKEY	34	WSU	7m35.87
8	Peter NIERE	33	VMV	7m37.42
9	T. KRISTOFFERSEN	32	WSU	7m45.02
10	Peter MCKEE	32	QIP	7m46.16

30-34 800m Breaststroke

Best TT	C. WINDLEY		VSS	12m23.74
1	Wayne BARR	31	SAO	13m59.32
2	Benjamin TAYLOR	30	NWS	14m14.65
3	Andrew SMITH	34	SAT	15m39.95
4	Peter MCKEE	32	QIP	15m50.10
5	Damien LAVELLE	30	WSM	16m24.47
6	Alan BROWN	31	NWS	16m31.07
7	Keef HICKEY	34	WSU	16m42.16
8	Peter BROWN	33	WSM	16m47.76
9	Garth FILSELL	33	QNS	17m08.27
10	Ross CUNNINGHAM	34	NLS	17m56.56

30-34 1500m Breaststroke

Best TT	Peter MARSH		QSM	24m46.31
1	Peter MARSH	34	QSM	24m46.31
2	Steve RAYNES	34	WPC	30m44.19
3	Keith BARNARD	31	QBN	31m07.30
4	Garth FILSELL	33	QNS	32m02.53
5	Peter BROWN	33	WSM	32m09.83
6	Keef HICKEY	34	WSU	32m30.95
7	Ross CUNNINGHAM	34	NLS	33m53.78
8	Jason CRAIG	30	NGR	37m20.91

30-34 30MIN Breaststroke

Best TT	Keef HICKEY		WSU	1675m
1	Keef HICKEY	34	WSU	1675m
2	Peter MARSH	34	QSM	1600m
3	Peter MCKEE	32	QIP	1475m
4	Keith BARNARD	31	QBN	1425m
5	Damien LAVELLE	30	WSM	1400m
6	Peter BROWN	33	WSM	1375m
7	Ross CUNNINGHAM	34	NLS	1300m

30-34 45MIN Breaststroke

Best TT	Graeme SUTTON		VMV	2650m
1	Jason CRAIG	30	NGR	1750m

30-34 60MIN Breaststroke

Best TT	Richard JOHNSON		WCM	3100m
	Ashley SEAWRIGHT		QMM	
1	Alan BROWN	31	NWS	2800m

30-34 50m Butterfly

Best TT	Mark MORGAN		NWG	26.48
1	Allan BOWMAN	31	QUW	27.28
2	Paul BLOOD	30	QCD	27.77
3	Alastair KELLAWAY	31	QMM	28.11
4	Peter RAINEY	33	VMV	28.38
5	Tatsu EZAWA	34	SAM	28.87
6	David MCGRATH	32	NWO	28.96
7	David ORCHARD	31	QSM	29.82
8	Anthony WEST	31	QTW	29.85
9	John MCLELLAND	33	THB	29.95
10	Robert WALSH	34	QMM	30.31

30-34 100m Butterfly

Best TT	Mark MORGAN		NWG	58.74
1	Allan BOWMAN	31	QUW	1m00.30
2	Peter RAINEY	33	VMV	1m02.83
3	David MCGRATH	32	NWO	1m05.83
4	David ORCHARD	31	QSM	1m07.19
5	Anthony WEST	31	QTW	1m08.09
6	Leighton GRANTER	34	NML	1m08.38
7	Brendan O'ROURKE	32	QTV	1m08.72
8	Vassili EFIMOV	30	NWO	1m09.56
9	Jay STEPHENSON	32	WML	1m12.63
10	Wade DODSON	31	WCM	1m14.72

30-34 200m Butterfly

Best TT	Timothy BONESS		VPP	2m17.78
1	Leighton GRANTER	34	NML	2m36.78
2	David MCGRATH	32	NWO	2m46.60
3	Alan BROWN	31	NWS	3m31.95
4	Andrew SMITH	34	SAT	3m34.95
5	Garth FILSELL	33	QNS	3m55.90
6	Damien LAVELLE	30	WSM	4m21.52

30-34 400m Butterfly

Best TT	Peter HOUWEN		WSM	6m23.79
1	Alan BROWN	31	NWS	7m50.40

30-34 800m Butterfly

Best TT	Peter DUFFY		QRT	13m42.65
1	Alan BROWN	31	NWS	15m55.40

30-34 200m Ind. Medley

Best TT	Paul LEMMON		NET	2m19.58
1	David ORCHARD	31	QSM	2m29.87
2	Paul BLOOD	30	QCD	2m33.13
3	Vassili EFIMOV	30	NWO	2m35.08
4	Anthony WEST	31	QTW	2m36.48
5	Peter RAINEY	33	VMV	2m38.16
6	Ron ZIESSLER	34	VSN	2m39.33
7	John MCLELLAND	33	THB	2m41.47
8	Matthew RICKER	30	NNS	2m45.09

30-34 200m Ind. Medley Continued

9	Brendan O'ROURKE	32	QTV	2m45.58
10	Peter NIERE	33	VMV	2m48.00

30-34 400m Ind. Medley

Best TT	Paul LEMMON		NET	4m56.73
1	David ORCHARD	31	QSM	5m26.22
2	Peter RAINEY	33	VMV	5m26.61
3	Matthew RICKER	30	NNS	6m06.40
4	Doug MCKINSTRY	34	QCN	6m16.09
5	Masaaki MACHIDA	34	VBC	6m18.50
6	Peter NIERE	33	VMV	6m19.76
7	Wayne BARR	31	SAO	6m31.18
8	Scott EDWARDS	32	QSM	7m00.56
9	Alan BROWN	31	NWS	7m02.20
10	Andrew SMITH	34	SAT	7m26.53

30-34 800m Ind. Medley

Best TT	Kent TAYLOR		SMR	11m59.44
1	Alan BROWN	31	NWS	15m22.81
2	Ross CUNNINGHAM	34	NLS	16m07.98
3	Andrew SMITH	34	SAT	16m32.41
4	Damien LAVELLE	30	WSM	17m03.19
5	Jason CRAIG	30	NGR	17m24.06

****

*****

**

35-39 50m Freestyle

Best TT	Neil ROGERS		NUN	25.39
1	Stuart MEARES	37	NWG	26.28
2	Rick SAWICKI	38	NWO	26.51
3	Rob SPENCER	35	QBN	26.81
4	David MACKAY	38	QGC	26.82
5	Dawson HOWARD	39	VFR	27.03
6	David HOLT	36	WCM	27.24
7	Douglas STRIKE	39	WGT	27.31
8	Ronald MASSAAR	38	NSA	27.56
9	John KATAL	36	VBA	27.57
10	Kevin PORTER	35	NNS	27.70

35-39 100m Freestyle

Best TT	Gary HENRY		QMM	55.08
1	Rick SAWICKI	38	NWO	58.15
2	Stuart MEARES	37	NWG	59.09
3	David RUSSELL	35	VPP	59.40
4	David HOLT	36	WCM	59.48
5	Glenn BROCKHURST	37	QSF	1m00.30
6	Kevin PORTER	35	NNS	1m00.44
7	Peter WALKER	39	TAC	1m00.77
8	Stephen COOK	37	QMM	1m01.19
9	Stephen JUNK	38	WIW	1m01.52
10	Peter MELLOR	38	QVG	1m01.90

35-39 200m Freestyle

Best TT	Andrew HUNTER		QMM	2m03.53
1	Russell FLETCHER	39	VPP	2m10.81
2	David HOLT	36	WCM	2m13.08
3	Anthony RODDA	36	VEM	2m13.93
4	Glenn BROCKHURST	37	QSF	2m18.16
5	Peter HYNES	38	QML	2m19.58
6	Peter WILLIAMSON	35	VPP	2m19.87
7	Ian KNIGHT	37	VPP	2m20.07
8	Bryan GREEN	36	QCN	2m20.69
9	Kevin PORTER	35	NNS	2m22.11
10	Shane GORE	35	VPP	2m22.33

35-39 400m Freestyle

Best TT	Russell FLETCHER		VPP	4m25.94
1	Russell FLETCHER	39	VPP	4m35.55
2	Craig JONES	35	SAT	4m48.99
3	David HOLT	36	WCM	4m51.74
4	Ian KNIGHT	37	VPP	4m52.81
5	Kevin PORTER	35	NNS	4m52.95
6	Stephen JUNK	38	WIW	4m54.37
7	Murray ALLEN	37	QIP	4m55.62
8	Timothy BRADY	37	QPR	4m59.45
9	Bruce PARRY	36	QMM	4m59.64
10	Rob SPENCER	35	QBN	5m01.34

35-39 800m Freestyle

Best TT	Russell FLETCHER		VPP	9m12.01
1	Russell FLETCHER	39	VPP	9m34.42
2	Craig JONES	35	SAT	9m41.99
3	Jeff HARDY	39	QSC	10m15.03
4	Bruce PARRY	36	QMM	10m35.51
5	Douglas STRIKE	39	WGT	10m51.72
6	Clinton SMITH	36	SAT	10m52.99
7	Bryan GREEN	36	QCN	10m54.59
8	Kevin PORTER	35	NNS	11m22.70

1998 NATIONAL TOP TEN - MALE LONG COURSE

35-39 800m Freestyle Continued

9	Alistair BALL	39	SAO	11m28.06
10	Michael MILLARD	38	WSM	11m34.18

35-39 1500m Freestyle

Best TT	Russell FLETCHER		VPP	17m42.63
1	Craig JONES	35	SAT	18m12.99
2	Jeff HARDY	39	QSC	19m19.42
3	Murray ALLEN	37	QIP	20m19.16
4	Clinton SMITH	36	SAT	20m45.94
5	Bryan GREEN	36	QCN	21m13.02
6	Kevin PORTER	35	NNS	21m19.93
7	Steven PERCIVAL	38	THB	21m23.76
8	Michael MILLARD	38	WSM	22m01.22
9	Timothy BRADY	37	QPR	22m22.84
10	Alistair BALL	39	SAO	22m22.89

35-39 3000m Freestyle

Best TT	Russell FLETCHER		VPP	36m44.99
1	Craig JONES	35	SAT	37m45.99
2	Jeff HARDY	39	QSC	38m53.79
3	Kevin PORTER	35	NNS	42m41.62
4	Michael MILLARD	38	WSM	48m01.55
5	Julian KEYS	37	WSU	48m23.20
6	Antony MEE	38	WGT	52m14.00
7	Peter NOWLAN	37	QMK	53m39.12
8	Gary ROBINSON	37	WSM	55m45.54
9	Mark O'SULLIVAN	38	VWB	60m45.71
10	Keith JHOWRY	35	CDW	73m08.37

35-39 5000m Freestyle

Best TT	Jeff HARDY		QSC	66m35.47
1	Jeff HARDY	39	QSC	66m35.47
2	Douglas STRIKE	39	WGT	77m02.00
3	Peter NOWLAN	37	QMK	96m33.98
4	Keith JHOWRY	35	CDW	121m01.59

35-39 30MIN Freestyle

Best TT	Russell FLETCHER		VPP	2425m
1	Craig JONES	35	SAT	2400m
2	Jeff HARDY	39	QSC	2300m
3	Clinton SMITH	36	SAT	2100m
3	Kevin PORTER	35	NNS	2100m
5	Douglas STRIKE	39	WGT	2025m
5	Bryan GREEN	36	QCN	2025m
7	Alistair BALL	39	SAO	2000m
8	Michael MILLARD	38	WSM	1925m
8	Bob QUIRK	36	QCN	1925m
8	Colin PLANT	39	WCR	1925m

35-39 45MIN Freestyle

Best TT	Russell FLETCHER		VPP	3600m
1	Craig JONES	35	SAT	3500m
2	Jeff HARDY	39	QSC	3450m
3	Douglas STRIKE	39	WGT	2950m
4	Michael MILLARD	38	WSM	2900m
5	Julian KEYS	37	WSU	2775m
6	Terrence SPROULE	39	WSM	2725m
7	Mark O'SULLIVAN	38	VWB	2675m
8	Colin PLANT	39	WCR	2650m
9	Jelle LAHNSTEIN	37	SAO	2600m
9	Antony MEE	38	WGT	2600m

35-39 60MIN Freestyle

Best TT	Russell FLETCHER		VPP	4875m
1	Russell FLETCHER	39	VPP	4675m
2	Craig JONES	35	SAT	4650m
3	Jeff HARDY	39	QSC	4550m
4	Anthony RODDA	36	VEM	4500m
5	Douglas STRIKE	39	WGT	3925m
6	Alistair BALL	39	SAO	3875m
7	Andrew MCLELLAN	38	VPP	3750m
7	Michael MILLARD	38	WSM	3750m
9	Colin PLANT	39	WCR	3600m
10	Robert GILLARD	35	WML	3500m

35-39 50m Backstroke

Best TT	Brad COOPER		QPW	28.46
1	David RUSSELL	35	VPP	31.53
2	Rick SAWICKI	38	NWO	32.03
3	Rob SPENCER	35	QBN	32.52
4	Ronald MASSAAR	38	NSA	32.88
5	Rob MCBROOM	38	QBC	33.58
6	Peter COX	37	QGM	33.60
7	Bruce PARRY	36	QMM	34.13
8	Harold GUSDORF	35	VNL	34.31
9	David MACKAY	38	QGC	34.36
10	Jelle LAHNSTEIN	37	SAO	34.38

35-39 100m Backstroke

Best TT	Brad COOPER		QPW	1m01.60
1	Rick SAWICKI	38	NWO	1m09.08
2	Bruce PARRY	36	QMM	1m12.86
3	Timothy BRADY	37	QPR	1m13.42
4	Max John KAVANAGH	38	SAM	1m14.84
5	Rob MCBROOM	38	QBC	1m15.04
6	Russell FLETCHER	39	VPP	1m17.17
7	Ronald LUXTON	39	QMB	1m17.61
8	David MACKAY	38	QGC	1m17.85
9	Bernie ODE	38	QBN	1m18.15
10	Alan PRODGER	38	WSM	1m20.14

35-39 200m Backstroke

Best TT	Kim TERRELL		ATN	2m18.64
1	Timothy BRADY	37	QPR	2m35.27
2	Bruce PARRY	36	QMM	2m37.22
3	Russell FLETCHER	39	VPP	2m39.90
4	Max John KAVANAGH	38	SAM	2m45.09
5	Rob MCBROOM	38	QBC	2m45.72
6	Kevin PORTER	35	NNS	2m51.27
7	Peter MELLOR	38	QVG	2m53.56
8	Bernie ODE	38	QBN	2m54.48
9	Iain DUNCAN	37	QSC	2m57.96
10	Peter COX	37	QGM	3m05.77

35-39 400m Backstroke

Best TT	Ron LUCAS		THB	4m58.23
1	Russell FLETCHER	39	VPP	5m22.02
2	Bruce PARRY	36	QMM	5m31.97
3	Kevin PORTER	35	NNS	5m45.70
4	Rob MCBROOM	38	QBC	6m00.47
5	Iain DUNCAN	37	QSC	6m19.37
6	Jelle LAHNSTEIN	37	SAO	6m21.90
7	David BARNES	39	QVG	6m28.98
8	Jeff HARDY	39	QSC	6m40.77

1998 NATIONAL TOP TEN - MALE LONG COURSE

35-39 400m Backstroke Continued

9	Alistair BALL	39	SAO	6m41.34
10	Antony MEE	38	WGT	6m45.39

35-39 800m Backstroke

Best TT	Russell FLETCHER		VPP	11m09.51
1	Russell FLETCHER	39	VPP	11m09.51
2	Jelle LAHNSTEIN	37	SAO	13m07.82
3	Iain DUNCAN	37	QSC	13m23.38
4	Bernie ODE	38	QBN	13m36.99
5	Alistair BALL	39	SAO	13m44.23
6	Antony MEE	38	WGT	13m45.56
7	Michael MILLARD	38	WSM	14m23.20
8	Julian KEYS	37	WSU	14m24.57
9	Andrew CARTER	37	QSC	15m06.06
10	Allan HUNTER	36	SAO	15m50.92

35-39 1500m Backstroke

Best TT	Russell FLETCHER		VPP	21m13.59
1	Russell FLETCHER	39	VPP	21m13.59
2	Bruce PARRY	36	QMM	21m54.49
3	Rob MCBROOM	38	QBC	24m05.21
4	Iain DUNCAN	37	QSC	25m20.57
5	Jelle LAHNSTEIN	37	SAO	25m38.22
6	Alistair BALL	39	SAO	26m16.90
7	Bernie ODE	38	QBN	27m00.63
8	Antony MEE	38	WGT	27m00.97
9	Michael MILLARD	38	WSM	27m57.16
10	George BACIC	38	QSM	28m22.17

35-39 30MIN Backstroke

Best TT	Stuart PULLEN		NWO	1850m
1	Jelle LAHNSTEIN	37	SAO	1750m
2	Bernie ODE	38	QBN	1675m
2	Iain DUNCAN	37	QSC	1675m
4	Alistair BALL	39	SAO	1600m
4	Michael MILLARD	38	WSM	1600m
4	Antony MEE	38	WGT	1600m
7	Colin PLANT	39	WCR	1550m
8	Allan HUNTER	36	SAO	1500m
9	C. LIVINGSTONE	37	NCT	1450m
10	Gary ROBINSON	37	WSM	1400m

35-39 45MIN Backstroke

Best TT	Stuart PULLEN		NWO	2700m
1	Jelle LAHNSTEIN	37	SAO	2575m
2	Murray ALLEN	37	QIP	2550m
3	Michael MILLARD	38	WSM	2325m
4	Colin PLANT	39	WCR	2275m
5	Allan HUNTER	36	SAO	2150m
6	Gary ROBINSON	37	WSM	2025m
7	Peter HAU	39	WML	1925m
7	Geoff RUHEN	37	WBY	1925m
9	James PELOSA	36	NCT	1600m

35-39 60MIN Backstroke

Best TT	Stuart PULLEN		NWO	3650m
1	Jelle LAHNSTEIN	37	SAO	3425m
2	Alistair BALL	39	SAO	3100m
2	Michael MILLARD	38	WSM	3100m
4	Colin PLANT	39	WCR	3050m
5	Allan HUNTER	36	SAO	2925m

35-39 60MIN Backstroke Continued

6	Andrew MCGLASHAN	36	QMK	2875m
7	Gary ROBINSON	37	WSM	2625m
8	Peter HAU	39	WML	2425m

35-39 50m Breaststroke

Best TT	Stephen COOK		QMM	30.85
1	Stephen COOK	37	QMM	31.10
2	Tony TOOHER	36	NWG	34.57
3	Rob SPENCER	35	QBN	34.70
4	Mark DEUNK	35	VSN	34.72
5	David MACKAY	38	QGC	35.63
6	John HUTCHINSON	38	VPP	35.66
7	Dawson HOWARD	39	VFR	36.48
8	Greg CHAPLIN	37	VNL	36.74
9	Mark SUTTON	37	SAM	36.85
10	Bernie ODE	38	QBN	36.92

35-39 100m Breaststroke

Best TT	Stephen COOK		QMM	1m09.57
1	Stephen COOK	37	QMM	1m09.57
2	Mark DEUNK	35	VSN	1m19.61
3	Stephen JUNK	38	WIW	1m19.91
4	John HUTCHINSON	38	VPP	1m20.36
4	Peter NOSKE	38	VPP	1m20.36
6	Tony TOOHER	36	NWG	1m20.90
7	Glenn BROCKHURST	37	QSF	1m21.61
8	Greg CHAPLIN	37	VNL	1m21.63
9	Mark SUTTON	37	SAM	1m24.21
10	Timothy BRADY	37	QPR	1m24.66

35-39 200m Breaststroke

Best TT	Stephen COOK		QMM	2m37.02
1	Stephen COOK	37	QMM	2m37.02
2	Tony TOOHER	36	NWG	2m57.31
3	Stephen JUNK	38	WIW	2m58.04
4	John HUTCHINSON	38	VPP	3m00.62
5	Greg CHAPLIN	37	VNL	3m04.02
6	Mark DEUNK	35	VSN	3m04.98
7	Mark SUTTON	37	SAM	3m05.04
8	Kevin PORTER	35	NNS	3m12.02
9	Christopher YATES	37	NKT	3m14.12
10	Bill WOODWORTH	35	TLC	3m16.94

35-39 400m Breaststroke

Best TT	Stephen COOK		QMM	5m53.34
1	Stephen COOK	37	QMM	5m53.34
2	Kevin PORTER	35	NNS	6m34.78
3	Jeff HARDY	39	QSC	6m52.91
4	Jelle LAHNSTEIN	37	SAO	7m02.19
5	Antony MEE	38	WGT	7m04.34
6	Bernie ODE	38	QBN	7m06.21
7	Douglas STRIKE	39	WGT	7m11.79
8	Alistair BALL	39	SAO	7m24.63
9	Gary ROBINSON	37	WSM	7m34.58
10	Andrew CARTER	37	QSC	7m38.96

35-39 800m Breaststroke

Best TT	Dale LOADER		NHL	12m38.78
1	Jelle LAHNSTEIN	37	SAO	14m28.84
2	Antony MEE	38	WGT	14m34.61
3	Alistair BALL	39	SAO	14m51.76

35-39 800m Breaststroke Continued

4	Bernie ODE	38	QBN	15m16.63
5	Gary ROBINSON	37	WSM	15m34.20
6	Michael MILLARD	38	WSM	15m40.38
7	Colin PLANT	39	WCR	15m51.10
8	Terrence SPROULE	39	WSM	15m52.91
9	C. LIVINGSTONE	37	NCT	16m17.11
10	David ASHTON	36	ATN	16m17.90

35-39 1500m Breaststroke

Best TT	Mark ERICKSON		QWY	23m41.80
1	Jelle LAHNSTEIN	37	SAO	27m51.05
2	Douglas STRIKE	39	WGT	28m50.74
3	Antony MEE	38	WGT	29m10.05
4	Alistair BALL	39	SAO	29m48.86
5	Gary ROBINSON	37	WSM	29m51.56
6	Michael MILLARD	38	WSM	29m53.02
7	C. LIVINGSTONE	37	NCT	30m47.67
8	Colin PLANT	39	WCR	30m56.99
9	Allan HUNTER	36	SAO	31m05.15
10	C. CATLOW	38	WSM	33m21.11

35-39 30MIN Breaststroke

Best TT	Jelle LAHNSTEIN		SAO	1600m
	Douglas STRIKE		WGT	
1	Jelle LAHNSTEIN	37	SAO	1600m
1	Murray ALLEN	37	QIP	1600m
1	Douglas STRIKE	39	WGT	1600m
4	Bernie ODE	38	QBN	1550m
4	Antony MEE	38	WGT	1550m
6	Alistair BALL	39	SAO	1500m
6	Michael MILLARD	38	WSM	1500m
6	Gary ROBINSON	37	WSM	1500m
9	Terrence SPROULE	39	WSM	1475m
10	Allan HUNTER	36	SAO	1450m

35-39 45MIN Breaststroke

Best TT	Iain DUNCAN		QSC	2400m
1	Iain DUNCAN	37	QSC	2400m
2	Jelle LAHNSTEIN	37	SAO	2375m
3	Colin PLANT	39	WCR	2175m
4	Allan HUNTER	36	SAO	2150m
4	Michael MILLARD	38	WSM	2150m
6	Gary ROBINSON	37	WSM	2125m
7	C. LIVINGSTONE	37	NCT	2100m
8	Peter HAU	39	WML	2075m
9	C. CATLOW	38	WSM	1925m
9	Geoff RUHEN	37	WBY	1925m

35-39 60MIN Breaststroke

Best TT	Jelle LAHNSTEIN		SAO	3175m
1	Jelle LAHNSTEIN	37	SAO	3175m
2	Michael MILLARD	38	WSM	2850m
3	Gary ROBINSON	37	WSM	2825m
4	Allan HUNTER	36	SAO	2800m
5	Colin PLANT	39	WCR	2775m
6	Robert GILLARD	35	WML	2750m
7	C. CATLOW	38	WSM	2675m
8	Peter HAU	39	WML	2575m

35-39 50m Butterfly

Best TT	Neil ROGERS		NUN	26.50
1	Rick SAWICKI	38	NWO	27.84
2	David RUSSELL	35	VPP	28.35
3	Murray ALLEN	37	QIP	28.55
4	Rob SPENCER	35	QBN	28.99
5	Shane GORE	35	VPP	29.24
6	Peter WILLIAMSON	35	VPP	29.28
7	Glenn BROCKHURST	37	QSF	29.62
8	Rick VAN DER ZANT	35	QYP	29.74
9	Peter WALKER	39	TAC	30.32
10	Ian KNIGHT	37	VPP	30.37

35-39 100m Butterfly

Best TT	Neil ROGERS		NUN	59.48
1	Rick SAWICKI	38	NWO	1m03.42
2	Murray ALLEN	37	QIP	1m04.43
3	Anthony RODDA	36	VEM	1m05.77
4	Glenn BROCKHURST	37	QSF	1m06.97
5	Stephen JUNK	38	WIW	1m07.47
6	Peter HYNES	38	QML	1m08.97
7	Simon HORAN	36	VMV	1m12.34
8	Douglas STRIKE	39	WGT	1m12.56
9	Stephen HABERLEY	37	NSA	1m15.07
10	Russell FLETCHER	39	VPP	1m15.15

35-39 200m Butterfly

Best TT	John CARMAN		QCN	2m22.48
1	Anthony RODDA	36	VEM	2m29.11
2	Peter HYNES	38	QML	2m38.06
3	Murray ALLEN	37	QIP	2m40.25
4	Russell FLETCHER	39	VPP	2m41.84
5	George BACIC	38	QSM	3m44.65
6	Michael MILLARD	38	WSM	3m49.57
7	Alex POPOVICH	36	QRH	3m49.62
8	Alex POPOVICH	36	CAS	4m08.41
9	C. LIVINGSTONE	37	NCT	4m22.03
10	Geoff RUHEN	37	WBY	4m34.33

35-39 400m Butterfly

Best TT	Grant SIMPSON		SAM	5m37.50
1	Murray ALLEN	37	QIP	5m45.06
2	Jelle LAHNSTEIN	37	SAO	7m03.85
3	George BACIC	38	QSM	8m02.26
4	Michael MILLARD	38	WSM	8m08.46
5	Antony MEE	38	WGT	8m20.80
6	C. LIVINGSTONE	37	NCT	8m56.44
7	Allan HUNTER	36	SAO	9m16.15

35-39 800m Butterfly

Best TT	Alan QUINNEY		QMK	13m22.64
1	Jelle LAHNSTEIN	37	SAO	14m58.68
2	Michael MILLARD	38	WSM	16m42.06
3	C. LIVINGSTONE	37	NCT	18m27.12

35-39 200m Ind. Medley

Best TT	Kim TERRELL		ATN	2m22.86
1	Stephen COOK	37	QMM	2m25.93
2	Russell FLETCHER	39	VPP	2m29.28
3	Stuart MEARES	37	NWG	2m30.36
4	David HOLT	36	WCM	2m33.81
5	Stephen JUNK	38	WIW	2m33.96

35-39 200m Ind. Medley Continued

6	Timothy BRADY	37	QPR	2m35.92
7	Bruce PARRY	36	QMM	2m37.14
8	Tony TOOHER	36	NWG	2m39.82
9	Peter NOSKE	38	VPP	2m40.51
10	Kevin PORTER	35	NNS	2m40.66

35-39 400m Ind. Medley

Best TT	Russell FLETCHER		VPP	5m06.81
1	Russell FLETCHER	39	VPP	5m18.38
2	Stephen COOK	37	QMM	5m23.83
3	Timothy BRADY	37	QPR	5m39.39
4	Peter HYNES	38	QML	6m06.63
5	Mike RAYBOULD	37	QLG	6m06.64
6	Douglas STRIKE	39	WGT	6m08.27
7	Michael MILLARD	38	WSM	6m14.02
8	Jelle LAHNSTEIN	37	SAO	6m21.56
9	Greg CHAPLIN	37	VNL	6m38.96
10	Alistair BALL	39	SAO	6m43.58

35-39 800m Ind. Medley

Best TT	Russell FLETCHER		VPP	11m23.06
1	Russell FLETCHER	39	VPP	11m23.06
2	Douglas STRIKE	39	WGT	13m51.74
3	Jelle LAHNSTEIN	37	SAO	14m04.56
4	Michael MILLARD	38	WSM	14m35.45
5	Colin PLANT	39	WCR	14m49.25
6	Antony MEE	38	WGT	14m49.95
7	Bernie ODE	38	QBN	15m25.94
8	C. LIVINGSTONE	37	NCT	16m13.18
9	Allan HUNTER	36	SAO	16m24.22
10	Geoff RUHEN	37	WBY	17m43.50

****
*****
**

40-44 50m Freestyle

Best TT	Ross CLARKE		QCN	25.75
1	John STACPOOLE	42	NSA	26.19
2	Rod PORTEOUS	40	QGS	27.39
3	Russell HENRY	41	QRC	27.97
4	Ross WALLIS	42	VRM	28.22
5	Greg O'NEILL	40	QAT	28.30
6	Darryl AYNSLEY	43	NHL	28.44
7	Bradley BANERD	40	VMV	28.45
8	David GIBSON	43	VHM	28.62
9	Roger MUSPRATT	41	QMM	28.66
10	Ian MORGAN	43	NHL	28.75

40-44 100m Freestyle

Best TT	Mark MORGAN		NWG	56.31
1	Rod PORTEOUS	40	QGS	59.90
2	Francis CHRISTIAN	41	VDC	1m00.01
3	Russell HENRY	41	QRC	1m01.62
4	Bradley BANERD	40	VMV	1m02.67
5	Roger MUSPRATT	41	QMM	1m03.83
6	Gregory NORTH	44	VPP	1m03.97
7	Chris DANDO	42	NML	1m04.19
8	Peter SCHUSTER	42	VFR	1m04.58
9	John COOPER	43	WSM	1m05.44
10	Ian MORGAN	43	NHL	1m05.53

40-44 200m Freestyle

Best TT	Gary HENRY		QSM	2m04.24
1	Francis CHRISTIAN	41	VDC	2m10.29
2	John STACPOOLE	42	NSA	2m16.76
3	Peter SCHUSTER	42	VFR	2m17.37
4	Rod PORTEOUS	40	QGS	2m20.12
5	Chris DANDO	42	NML	2m21.94
6	John COOPER	43	WSM	2m24.96
7	Warren SMITH	40	NDB	2m27.31
8	Rodney JONES	42	QTT	2m30.37
9	Stuart PULLEN	42	NWO	2m30.50
10	Shayne HAUSLER	43	VBL	2m30.52

40-44 400m Freestyle

Best TT	BRAD COOPER		QSP	4m21.94
1	Francis CHRISTIAN	41	VDC	4m37.36
2	Rod PORTEOUS	40	QGS	5m07.34
3	Chris DANDO	42	NML	5m11.20
4	Stuart PULLEN	42	NWO	5m13.91
5	Warren SMITH	40	NDB	5m14.89
6	John COOPER	43	WSM	5m16.96
7	Rodney JONES	42	QTT	5m20.96
8	John BARRETT	40	QRT	5m23.58
9	David UNWIN	42	QBC	5m24.69
10	Chris PALFREY	41	QTV	5m26.74

40-44 800m Freestyle

Best TT	Francis CHRISTIAN		VDC	9m42.83
1	Andrew HUNTER	42	QTT	10m00.44
2	John BARRETT	40	QRT	10m44.83
3	David UNWIN	42	QBC	10m45.71
4	Warren SMITH	40	NDB	11m02.85
5	Tony WOOD	40	VDC	11m04.31
6	Rodney JONES	42	QTT	11m28.98
7	David POPE	41	VNA	11m36.90
8	John COOPER	43	WSM	11m38.40

40-44 800m Freestyle Continued

9	Chris PALFREY	41	QTV	11m47.80
10	Peter HOUWEN	41	WSM	11m54.45

40-44 1500m Freestyle

Best TT	Francis CHRISTIAN		VDC	18m11.32
1	Andrew HUNTER	42	QTT	19m14.52
2	Tony WOOD	40	VDC	21m03.25
3	Warren SMITH	40	NDB	21m09.75
4	Rod PORTEOUS	40	QGS	21m20.74
5	Phillip PEGG	40	QWS	21m22.68
6	John COOPER	43	WSM	21m45.86
7	Mark FITZ-WALTER	43	QMM	21m59.08
8	Peter HOUWEN	41	WSM	22m18.96
9	Rodney JONES	42	QTT	22m40.25
10	David POPE	41	VNA	22m46.24

40-44 3000m Freestyle

Best TT	Peter EMERY		QSC	40m59.79
1	Warren SMITH	40	NDB	44m42.00
2	Peter HOUWEN	41	WSM	44m43.60
3	John COOPER	43	WSM	44m50.73
4	David POPE	41	VNA	46m50.13
5	Peter JELINEK	42	WBB	48m23.31
6	Robert LECKIE	41	WSM	49m29.07
7	Wayne WOODS	41	VMV	56m07.38
8	Allan MAIN	44	VWB	58m50.79
9	Kim NICHOLS	41	WSM	59m41.44
10	Mark PECH	42	VWB	60m28.52

40-44 5000m Freestyle

Best TT	Andrew HOLMES		WRK	66m15.44
1	Warren SMITH	40	NDB	75m37.00
2	Peter JELINEK	42	WBB	82m15.71

40-44 30MIN Freestyle

Best TT	David KING		NRY	2150m
	Stu FITCH		ACN	
1	John COOPER	43	WSM	2075m
2	Warren SMITH	40	NDB	2000m
2	Peter HOUWEN	41	WSM	2000m
4	David POPE	41	VNA	1950m
5	Douglas DAVIS	41	VWB	1925m
5	Ian WALSH	42	WGT	1925m
7	Robert LECKIE	41	WSM	1875m
8	Chris BATES	42	QMK	1825m
9	Gary BRYCE	44	NSH	1800m
9	Trevor APOLLONI	44	ACN	1800m

40-44 45MIN Freestyle

Best TT	David KING		NRY	3200m
1	Warren SMITH	40	NDB	3000m
1	John COOPER	43	WSM	3000m
1	Peter HOUWEN	41	WSM	3000m
4	David POPE	41	VNA	2875m
5	Robert LECKIE	41	WSM	2775m
6	Peter JELINEK	42	WBB	2700m
7	Douglas DAVIS	41	VWB	2625m
8	P. VON BERTOUCH	43	ACN	2475m
9	Steve SHENTON	43	QBN	2450m
10	Peter O'SULLIVAN	40	VWB	2425m

40-44 60MIN Freestyle

Best TT	Ron LUCAS		TSB	4900m
1	Warren SMITH	40	NDB	4000m
2	John COOPER	43	WSM	3975m
3	Peter HOUWEN	41	WSM	3875m
4	David POPE	41	VNA	3800m
5	Chris BATES	42	QMK	3700m
5	Peter JELINEK	42	WBB	3700m
7	Robert LECKIE	41	WSM	3600m
8	Nicholas NEWTON	44	VPP	3500m
9	P. VON BERTOUCH	43	ACN	3325m
10	Steve SHENTON	43	QBN	3275m

40-44 50m Backstroke

Best TT	BRAD COOPER		QSP	28.51
1	Neil WARREN	42	NSH	35.29
2	Geoffrey MURPHY	43	NTR	35.42
3	John COOPER	43	WSM	35.58
4	Peter GEDDES	44	NET	35.79
5	Robert F HOUWEN	40	WGT	36.23
6	Peter SCHUSTER	42	VFR	36.46
7	David SLOAN	40	NLS	36.48
8	Rory KING	42	QSM	36.68
9	Chris DANDO	42	NML	36.94
10	Warren PAYNE	42	VBL	36.97

40-44 100m Backstroke

Best TT	Roderick SEE		NRT	1m09.43
1	Peter GEDDES	44	NET	1m19.59
2	John COOPER	43	WSM	1m20.08
3	Geoffrey MURPHY	43	NTR	1m20.72
4	Warren PAYNE	42	VBL	1m21.30
5	Francis CHRISTIAN	41	VDC	1m21.94
6	John BARRETT	40	QRT	1m26.20
7	Geoffrey SCOTT	40	WOP	1m26.47
8	Rory KING	42	QSM	1m26.80
9	David SLOAN	40	NLS	1m27.36
10	Robert F HOUWEN	40	WGT	1m28.30

40-44 200m Backstroke

Best TT	John COVACEVICH		QCN	2m33.14
1	Francis CHRISTIAN	41	VDC	2m47.98
2	Stuart PULLEN	42	NWO	2m54.71
3	Peter GEDDES	44	NET	2m55.21
4	John COOPER	43	WSM	2m57.67
5	John BARRETT	40	QRT	2m59.90
6	Neil WARREN	42	NSH	3m00.81
7	Geoffrey MURPHY	43	NTR	3m03.21
8	Warren PAYNE	42	VBL	3m04.30
9	Rory KING	42	QSM	3m11.11
10	Anthony JOHNSON	44	QDU	3m12.20

40-44 400m Backstroke

Best TT	Barry SEYMOUR		NWG	5m40.99
1	Francis CHRISTIAN	41	VDC	5m42.16
2	John BARRETT	40	QRT	6m09.32
3	Rod PORTEOUS	40	QGS	6m33.56
4	Rory KING	42	QSM	6m55.78
5	Chris PALFREY	41	QTV	7m01.14
6	Alan QUINNEY	42	QMK	7m01.89
7	Geoffrey SCOTT	40	WOP	7m05.17
8	Mark FALKNER	40	QMM	7m17.21

1998 NATIONAL TOP TEN - MALE LONG COURSE

40-44 400m Backstroke Continued

9	Steve SHENTON	43	QBN	7m21.17
10	Rodney JONES	42	QTT	7m26.37

40-44 800m Backstroke

Best TT	Francis CHRISTIAN		VDC	11m35.74
1	Francis CHRISTIAN	41	VDC	11m35.74
2	John BARRETT	40	QRT	12m23.78
3	Chris PALFREY	41	QTV	13m17.95
4	Alan QUINNEY	42	QMK	14m33.26
5	Peter JELINEK	42	WBB	15m05.00
6	Paul NORRIE	44	VDC	15m20.00
7	Steve SHENTON	43	QBN	15m22.77
8	Norman WOOSTER	43	QSC	15m32.49
9	Douglas DAVIS	41	VWB	15m41.61
10	Wayne WOODS	41	VMV	15m49.42

40-44 1500m Backstroke

Best TT	Francis CHRISTIAN		VDC	21m50.30
1	Francis CHRISTIAN	41	VDC	21m50.30
2	John BARRETT	40	QRT	23m18.93
3	Chris PALFREY	41	QTV	25m12.38
4	Rory KING	42	QSM	27m50.68
5	Douglas DAVIS	41	VWB	28m25.99
6	Paul NORRIE	44	VDC	29m23.28
7	Wayne WOODS	41	VMV	29m55.84
8	Norman WOOSTER	43	QSC	30m32.22
9	Peter MALONEY	40	WML	32m17.37
10	Robert LECKIE	41	WSM	34m22.15

40-44 30MIN Backstroke

Best TT	Stuart PULLEN		NWO	1950m
	Francis CHRISTIAN		VDC	
1	Francis CHRISTIAN	41	VDC	1950m
2	Douglas DAVIS	41	VWB	1525m
3	Wayne WOODS	41	VMV	1500m
4	Paul NORRIE	44	VDC	1450m
4	Norman WOOSTER	43	QSC	1450m
6	Peter MALONEY	40	WML	1350m
7	Robert LECKIE	41	WSM	1325m
8	Kim NICHOLS	41	WSM	1200m
9	Terry GAINEY	41	NWS	1100m
10	Alan CARLTON	42	THB	1000m

40-44 45MIN Backstroke

Best TT	Stephen TWARTZ		VDC	2700m
	Stuart PULLEN		NWO	
1	Douglas DAVIS	41	VWB	2275m
2	Norman WOOSTER	43	QSC	2125m
3	Robert LECKIE	41	WSM	1950m
4	Steven CLOUGH	44	NCT	1800m
5	Kim NICHOLS	41	WSM	1600m

40-44 60MIN Backstroke

Best TT	Stephen LAMY		NML	3750m
	Stuart PULLEN		NWO	
1	Robert LECKIE	41	WSM	2600m
2	Kim NICHOLS	41	WSM	2250m

40-44 50m Breaststroke

Best TT	Gary HENRY		QSM	32.91
1	Russell HENRY	41	QRC	33.94
2	Tony WOOD	40	VDC	35.03
3	John STACPOOLE	42	NSA	35.31
4	Ross WALLIS	42	VRM	36.07
5	Greg HOLL	41	VEM	36.26
6	Bradley BANERD	40	VMV	36.45
7	Bryan HUGHES	41	NOF	37.08
8	Noel RYALL	41	WOP	37.10
9	Ray SMYTHE	42	QTW	37.30
10	Alan GRIDGEMAN	44	NWG	37.89

40-44 100m Breaststroke

Best TT	Tony FISHER		NCR	1m15.33
1	Russell HENRY	41	QRC	1m16.63
2	Tony WOOD	40	VDC	1m18.24
3	Greg HOLL	41	VEM	1m22.50
4	Noel RYALL	41	WOP	1m23.11
5	Alan GRIDGEMAN	44	NWG	1m24.38
6	Nicholas CLARK	41	TLC	1m29.24
7	John POZZI	41	QSC	1m29.52
8	Glenn SARGESON	43	WGO	1m29.81
9	Ron MUIRHEAD	40	QEM	1m29.91
10	Ray SMYTHE	42	QTW	1m30.34

40-44 200m Breaststroke

Best TT	Tony FISHER		NCR	2m45.45
1	Tony WOOD	40	VDC	2m57.94
2	Greg HOLL	41	VEM	2m59.84
3	Alan GRIDGEMAN	44	NWG	3m01.21
4	Russell HENRY	41	QRC	3m02.98
5	Noel RYALL	41	WOP	3m09.69
6	Stuart PULLEN	42	NWO	3m14.48
7	David NORTHFIELD	42	QAJ	3m17.62
8	Glenn SARGESON	43	WGO	3m20.75
9	C. VANDERSTAM	42	QSM	3m21.82
10	Michael PHILLIPS	41	WWF	3m23.45

40-44 400m Breaststroke

Best TT	Paul WYATT		NCR	6m12.13
1	Tony WOOD	40	VDC	6m13.80
2	Russell HENRY	41	QRC	6m27.31
3	Stuart PULLEN	42	NWO	6m43.25
4	Noel RYALL	41	WOP	6m43.97
5	Chris BATES	42	QMK	6m50.20
6	David NORTHFIELD	42	QAJ	7m02.61
7	Ron MUIRHEAD	40	QEM	7m07.85
8	Roland MUENCH	44	CDW	7m08.31
9	Ray SMYTHE	42	QTW	7m16.74
10	John POZZI	41	QSC	7m17.93

40-44 800m Breaststroke

Best TT	Paul WYATT		NCR	12m58.97
1	Russell HENRY	41	QRC	13m59.43
2	Chris BATES	42	QMK	14m04.84
3	John POZZI	41	QSC	15m05.46
4	Steve SHENTON	43	QBN	15m33.11
5	Wayne WOODS	41	VMV	15m37.01
6	Robert LECKIE	41	WSM	15m58.26
7	Murray JOHNSTON	42	WBB	16m02.75
8	Alan QUINNEY	42	QMK	16m20.14

1998 NATIONAL TOP TEN - MALE LONG COURSE

40-44 800m Breaststroke Continued

9	David MOREWOOD	43	ATN	16m21.41
10	Peter MALONEY	40	WML	16m38.72

40-44 1500m Breaststroke

Best TT	Gwyn WILLIAMS		WMV	23m37.00
1	Russell HENRY	41	QRC	26m45.36
2	Chris BATES	42	QMK	26m59.64
3	David NORTHFIELD	42	QAJ	27m51.91
4	John POZZI	41	QSC	28m53.64
5	Brian ENGLAND	42	QGS	28m58.79
6	Wayne WOODS	41	VMV	29m59.68
7	Ron MUIRHEAD	40	QEM	30m27.72
8	Murray JOHNSTON	42	WBB	31m13.37
9	Patrick BURKE	40	QAJ	31m20.21
10	Kim NICHOLS	41	WSM	31m37.00

40-44 30MIN Breaststroke

Best TT	Stephen TWARTZ		VDC	1650m
1	Chris BATES	42	QMK	1525m
2	Wayne WOODS	41	VMV	1500m
3	Robert LECKIE	41	WSM	1400m
3	Kim NICHOLS	41	WSM	1400m
5	Douglas DAVIS	41	VWB	1375m
5	Peter MALONEY	40	WML	1375m
7	Peter O'SULLIVAN	40	VWB	1350m
8	Gary BRYCE	44	NSH	1300m
8	Richard TAYLOR	43	NSH	1300m
8	Norman WOOSTER	43	QSC	1300m

40-44 45MIN Breaststroke

Best TT	Stephen TWARTZ		VDC	2450m
1	Wayne WOODS	41	VMV	2225m
1	Chris BATES	42	QMK	2225m
3	Steve SHENTON	43	QBN	2150m
4	Kim NICHOLS	41	WSM	2100m
5	Douglas DAVIS	41	VWB	2000m
5	Peter MALONEY	40	WML	2000m
7	Robert LECKIE	41	WSM	1975m
8	Norman WOOSTER	43	QSC	1875m
9	Mark PECH	42	VWB	1850m

40-44 60MIN Breaststroke

Best TT	Stephen TWARTZ		VDC	3200m
1	Chris BATES	42	QMK	3075m
2	Wayne WOODS	41	VMV	2850m
3	Kim NICHOLS	41	WSM	2775m
4	Robert LECKIE	41	WSM	2575m
5	Norman WOOSTER	43	QSC	2525m
6	Mark PECH	42	VWB	2450m
7	Steven CLOUGH	44	NCT	2300m
8	Trevor BROWN	44	WWF	1600m

40-44 50m Butterfly

Best TT	Mark MORGAN		NWG	27.37
1	David GIBSON	43	VHM	29.76
2	Mark FITZ-WALTER	43	QMM	29.79
3	Gregory NORTH	44	VPP	30.37
4	Peter SCHUSTER	42	VFR	30.79
5	Alan GRIDGEMAN	44	NWG	31.35
6	Andrew GARDINER	43	QNS	31.82
6	Roger MUSPRATT	41	QMM	31.82

40-44 50m Butterfly Continued

8	Steve POLLETT	42	VNA	32.32
9	Bryan HUGHES	41	NOF	32.38
10	Kevin PORTER	40	WWC	32.82

40-44 100m Butterfly

Best TT	Mark MORGAN		NWG	1m01.92
1	Francis CHRISTIAN	41	VDC	1m06.22
2	Peter SCHUSTER	42	VFR	1m06.90
3	Gregory NORTH	44	VPP	1m09.13
4	John STACPOOLE	42	NSA	1m09.75
5	David GIBSON	43	VHM	1m10.97
6	Peter HOUWEN	41	WSM	1m18.10
7	Richard FLOCKART	43	VPP	1m21.16
8	Brian ENGLAND	42	QGS	1m21.96
9	Steve POLLETT	42	VNA	1m25.08
10	Norman WOOSTER	43	QSC	1m25.53

40-44 200m Butterfly

Best TT	John COVACEVICH		QCN	2m23.87
1	Francis CHRISTIAN	41	VDC	2m26.54
2	Stuart PULLEN	42	NWO	3m13.91
3	Peter HOUWEN	41	WSM	3m19.57
4	Brian ENGLAND	42	QGS	3m25.90
5	Norman WOOSTER	43	QSC	3m40.10
6	Gary BRYCE	44	NSH	3m47.77
7	C. IRELAND	44	SAM	3m58.50
8	Richard TAYLOR	43	NSH	4m03.24
9	Alan CARLTON	42	THB	4m33.99
10	Robert LECKIE	41	WSM	5m11.27

40-44 400m Butterfly

Best TT	Francis CHRISTIAN		VDC	5m09.68
1	Francis CHRISTIAN	41	VDC	5m33.21
2	Alan QUINNEY	42	QMK	6m37.23
3	Norman WOOSTER	43	QSC	8m34.08
4	Richard TAYLOR	43	NSH	9m06.01

40-44 800m Butterfly

Best TT	Francis CHRISTIAN		VDC	11m10.18
1	Francis CHRISTIAN	41	VDC	11m10.18
2	Alan QUINNEY	42	QMK	14m14.95
3	Norman WOOSTER	43	QSC	18m30.49

40-44 200m Ind. Medley

Best TT	John COVACEVICH		QCN	2m26.70
1	Peter SCHUSTER	42	VFR	2m33.82
2	John STACPOOLE	42	NSA	2m37.77
3	Alan GRIDGEMAN	44	NWG	2m41.37
4	Stuart PULLEN	42	NWO	2m49.66
5	Ross WALLIS	42	VRM	2m50.42
6	Greg HOLL	41	VEM	2m53.59
7	Peter GEDDES	44	NET	2m54.14
8	Peter HOUWEN	41	WSM	2m54.35
9	John COOPER	43	WSM	2m58.54
10	Mark COOK	41	VNA	2m59.54

40-44 400m Ind. Medley

Best TT	John COVACEVICH		QCN	5m13.40
1	Peter GEDDES	44	NET	6m34.34
2	Alan QUINNEY	42	QMK	6m47.46
3	Rodney JONES	42	QTT	6m52.38
4	Brian ENGLAND	42	QGS	6m59.03
5	Ray SMYTHE	42	QTW	6m59.99
6	Steve POLLETT	42	VNA	7m05.37
7	Geoffrey MURPHY	43	NTR	7m18.84
8	Michael DORAN	41	TLC	7m19.38
9	Patrick BURKE	40	QAJ	7m19.82
10	Anthony JOHNSON	44	QDU	7m33.42

40-44 800m Ind. Medley

Best TT	Greg STEWART		NET	12m16.92
1	Chris BATES	42	QMK	13m36.54
2	Alan QUINNEY	42	QMK	14m12.37
3	Robert LECKIE	41	WSM	16m39.40
4	Norman WOOSTER	43	QSC	16m40.90
5	Steven CLOUGH	44	NCT	19m09.22
6	Richard TAYLOR	43	NSH	20m33.10

****
*****
**

45-49 50m Freestyle

Best TT	Bruce WILLIAMSON		NWS	26.66
1	Bruce WILLIAMSON	46	NWS	27.12
2	John BATCHELOR	47	QMM	27.97
2	Sandy MUIR	46	WCR	27.97
4	Hugh BRADLOW	47	VPP	28.03
5	David KING	45	NRY	28.38
6	Tony CURRAN	45	NET	28.69
7	Warren CRESWICK	46	NLS	28.70
8	Greg STEWART	45	NET	28.76
9	Brian BEER	48	NML	28.79
10	Stu FITCH	45	ACN	28.83

45-49 100m Freestyle

Best TT	Tony STRAHAN		VDC	59.01
1	David KING	45	NRY	1m01.69
2	Sandy MUIR	46	WCR	1m02.44
3	Tony CURRAN	45	NET	1m02.57
4	Stu FITCH	45	ACN	1m02.63
5	Rick EDWARDS	48	QWS	1m03.37
6	Stephen TWARTZ	46	WSM	1m04.63
7	John MCGRATH	45	QRC	1m04.94
8	Garry RYDBERG	47	VPP	1m05.03
9	John BATCHELOR	47	QMM	1m05.72
10	Neil HICKEY	48	THB	1m05.93

45-49 200m Freestyle

Best TT	Tony STRAHAN		VDC	2m12.71
1	David KING	45	NRY	2m16.83
2	Tony CURRAN	45	NET	2m18.49
3	Stu FITCH	45	ACN	2m19.08
4	Rick EDWARDS	48	QWS	2m19.14
5	Greg STEWART	45	NET	2m19.42
6	Stephen TWARTZ	46	WSM	2m20.00
7	Neil HICKEY	48	THB	2m22.33
8	Sandy MUIR	46	WCR	2m22.85
9	Garry RYDBERG	47	VPP	2m25.25
10	Stephen LAMY	49	NML	2m26.34

45-49 400m Freestyle

Best TT	Neil HICKEY		THB	4m45.50
1	Don MARSH	48	TAC	4m53.49
2	Stu FITCH	45	ACN	4m55.72
3	David KING	45	NRY	4m56.54
4	Tony CURRAN	45	NET	4m59.52
5	Neil HICKEY	48	THB	4m59.99
6	Rick EDWARDS	48	QWS	5m02.01
7	John MCGRATH	45	QRC	5m12.36
8	John PEMBERTON	47	TAC	5m16.00
8	Stephen LAMY	49	NML	5m16.00
10	Garry RYDBERG	47	VPP	5m16.45

45-49 800m Freestyle

Best TT	Vic PAUL		WNM	10m04.79
1	Greg STEWART	45	NET	10m19.47
2	Neil HICKEY	48	THB	10m26.02
3	Stu FITCH	45	ACN	10m27.21
4	David KING	45	NRY	10m31.83
5	Stephen TWARTZ	46	WSM	10m56.73
6	Tony CURRAN	45	NET	11m04.43
7	Jeremy ALLEN	49	WSM	11m06.45
8	Warren CRESWICK	46	NLS	11m33.46

45-49 800m Freestyle Continued

9	Gerry TUCKER	49	VMV	11m41.20
10	Chris WEST	49	QWS	11m45.97

45-49 1500m Freestyle

Best TT	Vic PAUL		WCR	19m19.11
1	Greg STEWART	45	NET	19m35.98
2	Stu FITCH	45	ACN	19m39.69
3	David KING	45	NRY	20m43.70
4	Rick EDWARDS	48	QWS	20m44.15
5	John MCGRATH	45	QRC	20m56.42
6	Stephen TWARTZ	46	WSM	21m06.66
7	Jeremy ALLEN	49	WSM	21m12.36
8	Gerry TUCKER	49	VMV	22m23.36
9	Warren CRESWICK	46	NLS	22m56.09
10	Paul GIBSON	45	CDW	23m09.97

45-49 3000m Freestyle

Best TT	Stu FITCH		ACN	40m15.59
1	Stu FITCH	45	ACN	40m15.59
2	Stephen TWARTZ	46	WSM	43m34.06
3	Jeremy ALLEN	49	WSM	44m16.61
4	Gerry TUCKER	49	VMV	45m10.12
5	William HOLLOWAY	47	VDC	48m41.06
6	Philip GATENBY	47	ACN	49m47.46
7	Murray BURNS	46	VDC	50m01.92
8	Ronald SINCLAIR	47	VWB	51m00.91
9	Ian MCKAY	47	WIW	53m58.95
10	Stephen EDGE	45	VWB	54m18.99

45-49 5000m Freestyle

Best TT	Stu FITCH		ACN	67m50.63
1	Stu FITCH	45	ACN	67m50.63
2	Brian LEWINS	47	CDW	92m30.58
3	Jay CLARK	48	SMR	94m45.00
4	Ian MCKAY	47	WIW	96m48.20

45-49 30MIN Freestyle

Best TT	Stu FITCH		ACN	2225m
1	Stu FITCH	45	ACN	2225m
2	Stephen TWARTZ	46	WSM	2075m
2	Jeremy ALLEN	49	WSM	2075m
4	Gerry TUCKER	49	VMV	2000m
4	Warren CRESWICK	46	NLS	2000m
6	Rod MACGREGOR	47	THB	1950m
7	William HOLLOWAY	47	VDC	1850m
7	Frank HAVERKORT	49	WCM	1850m
9	David GIBSON	45	CAS	1825m
10	Philip GATENBY	47	ACN	1800m

45-49 45MIN Freestyle

Best TT	Stu FITCH		ACN	3350m
1	Stu FITCH	45	ACN	3350m
2	Stephen TWARTZ	46	WSM	3075m
3	Jeremy ALLEN	49	WSM	3050m
4	Gerry TUCKER	49	VMV	2975m
5	Warren CRESWICK	46	NLS	2950m
6	William HOLLOWAY	47	VDC	2775m
7	Frank HAVERKORT	49	WCM	2725m
8	Philip GATENBY	47	ACN	2700m
8	Murray BURNS	46	VDC	2700m
10	Paul GIBSON	45	CDW	2675m

45-49 60MIN Freestyle

Best TT	Stu FITCH		ACN	4425m
1	Stu FITCH	45	ACN	4425m
2	Greg STEWART	45	NET	4200m
3	Stephen TWARTZ	46	WSM	4100m
4	Jeremy ALLEN	49	WSM	4025m
5	Rod MACGREGOR	47	THB	4000m
6	Les SEVARACZ	45	VPP	3975m
7	Warren CRESWICK	46	NLS	3850m
8	Gordon TURNBULL	46	VMV	3800m
9	William HOLLOWAY	47	VDC	3700m
9	Gerry TUCKER	49	VMV	3700m

45-49 50m Backstroke

Best TT	Roderick SEE		NRT	31.51
1	Roderick SEE	49	NRT	33.17
2	Len COOK	45	QHA	33.81
3	Hugh BRADLOW	47	VPP	34.64
4	Ross PERRY	45	QWS	34.82
5	Mark CUMMINGS	45	QTS	34.90
6	Bruce WILLIAMSON	46	NWS	35.00
7	Robert MCCARTNEY	45	VFR	35.34
8	Stephen TWARTZ	46	WSM	35.91
9	John PEMBERTON	47	TAC	36.11
10	David KING	45	NRY	36.12

45-49 100m Backstroke

Best TT	Roderick SEE		NRT	1m08.88
1	Roderick SEE	49	NRT	1m16.47
2	Len COOK	45	QHA	1m16.55
3	Stephen LAMY	49	NML	1m17.41
4	Ross PERRY	45	QWS	1m18.01
5	Robert MCCARTNEY	45	VFR	1m18.74
6	Hugh BRADLOW	47	VPP	1m19.52
7	Stephen TWARTZ	46	WSM	1m19.93
8	John PEMBERTON	47	TAC	1m20.95
9	S. BONDARENKO	48	QCD	1m21.37
10	Robert EAST	45	VSS	1m23.44

45-49 200m Backstroke

Best TT	John COVACEVICH		QCN	2m32.21
1	Steve SELIG	46	VMV	2m42.18
2	Roderick SEE	49	NRT	2m47.31
3	Stephen LAMY	49	NML	2m51.02
4	Stephen TWARTZ	46	WSM	2m52.13
5	Warren CRESWICK	46	NLS	2m53.89
6	Len COOK	45	QHA	2m54.66
7	Robert MCCARTNEY	45	VFR	2m54.98
8	John PEMBERTON	47	TAC	2m55.68
9	Ross PERRY	45	QWS	2m56.58
10	Robert EAST	45	VSS	2m57.12

45-49 400m Backstroke

Best TT	Stephen LAMY		NML	5m46.81
1	Stephen TWARTZ	46	WSM	6m15.88
2	Jeremy ALLEN	49	WSM	6m16.14
3	Stephen LAMY	49	NML	6m18.44
4	Len COOK	45	QHA	6m19.62
5	Warren CRESWICK	46	NLS	6m21.90
6	Stu FITCH	45	ACN	6m22.00
7	Ross PERRY	45	QWS	6m22.91
8	Peter KELLY	48	QRC	6m27.80

45-49 400m Backstroke Continued

9	Bruce WILLIAMSON	46	NWS	6m36.64
10	David RYAN	47	QBN	6m42.27

45-49 800m Backstroke

Best TT	Stephen LAMY		NML	11m57.99
1	Warren CRESWICK	46	NLS	12m35.87
2	Stephen LAMY	49	NML	12m41.96
3	Jeremy ALLEN	49	WSM	12m46.93
4	Stu FITCH	45	ACN	12m51.53
5	Stephen TWARTZ	46	WSM	12m55.21
6	Peter KELLY	48	QRC	13m10.43
7	Bruce WILLIAMSON	46	NWS	13m16.76
8	Paul GIBSON	45	CDW	14m17.90
9	Gerry TUCKER	49	VMV	14m29.51
10	Mike SMITH	45	VNA	14m36.77

45-49 1500m Backstroke

Best TT	Stephen LAMY		NML	23m19.58
1	Stephen LAMY	49	NML	23m44.38
2	Stephen TWARTZ	46	WSM	23m52.95
3	Stu FITCH	45	ACN	24m26.03
4	Jeremy ALLEN	49	WSM	24m47.42
5	Warren CRESWICK	46	NLS	26m10.02
6	Greg STEWART	45	NET	26m16.38
7	Gerry TUCKER	49	VMV	27m13.04
8	S. BONDARENKO	48	QCD	27m14.96
9	Bruce WILLIAMSON	46	NWS	27m43.27
10	Murray BURNS	46	VDC	28m02.20

45-49 30MIN Backstroke

Best TT	Jeremy ALLEN		WSM	1850m
	Warren CRESWICK		NLS	
1	Warren CRESWICK	46	NLS	1850m
2	Stu FITCH	45	ACN	1825m
3	Jeremy ALLEN	49	WSM	1800m
3	Stephen TWARTZ	46	WSM	1800m
5	Greg STEWART	45	NET	1700m
6	Gerry TUCKER	49	VMV	1625m
7	Paul GIBSON	45	CDW	1600m
8	Murray BURNS	46	VDC	1575m
9	William HOLLOWAY	47	VDC	1550m
9	Gerry SMYTH	49	WSM	1550m

45-49 45MIN Backstroke

Best TT	Stu FITCH		ACN	2725m
1	Stu FITCH	45	ACN	2725m
2	Stephen TWARTZ	46	WSM	2650m
3	Jeremy ALLEN	49	WSM	2625m
4	Gerry TUCKER	49	VMV	2450m
4	David KING	45	NRY	2450m
4	Warren CRESWICK	46	NLS	2450m
7	Murray BURNS	46	VDC	2375m
8	Paul GIBSON	45	CDW	2350m
8	William HOLLOWAY	47	VDC	2350m
10	Frank HAVERKORT	49	WCM	2300m

45-49 60MIN Backstroke

Best TT	Stephen TWARTZ		WSM	3575m
	Stu FITCH		ACN	
1	Stu FITCH	45	ACN	3575m
2	Stephen TWARTZ	46	WSM	3525m

45-49 60MIN Backstroke Continued

3	David KING	45	NRY	3300m
3	Jeremy ALLEN	49	WSM	3300m
5	Gerry TUCKER	49	VMV	3275m
6	Murray BURNS	46	VDC	3150m
6	Bruce WILLIAMSON	46	NWS	3150m
8	Frank HAVERKORT	49	WCM	3000m
9	Keith BOWER	48	WCM	2975m
10	Peter RITCHIE	48	NWS	2850m

45-49 50m Breaststroke

Best TT	Warren CRESWICK		NLS	34.31
1	Warren CRESWICK	46	NLS	35.62
2	Stu FITCH	45	ACN	35.82
3	Kevin GALLOWAY	47	QHB	36.20
4	Graham WHITE	45	VNC	36.85
5	Stephen TWARTZ	46	WSM	37.29
6	Peter MCMONAGLE	49	QTW	37.36
7	David KING	45	NRY	37.44
8	Malcolm MOTUM	45	ACN	38.52
9	Allan NICHOLS	45	TSB	38.95
10	Murray BURNS	46	VDC	39.55

45-49 100m Breaststroke

Best TT	Tony FISHER		NNS	1m18.22
1	Warren CRESWICK	46	NLS	1m20.97
2	Stu FITCH	45	ACN	1m21.27
3	Kevin GALLOWAY	47	QHB	1m21.93
4	David KING	45	NRY	1m22.73
5	Stephen TWARTZ	46	WSM	1m23.23
6	Allan NICHOLS	45	TSB	1m26.11
7	Malcolm MOTUM	45	ACN	1m27.94
8	Graham WHITE	45	VNC	1m28.56
9	Richard WILLIAMS	49	QTW	1m30.01
10	Sandy MUIR	46	WOP	1m30.18

45-49 200m Breaststroke

Best TT	Paul WYATT		NCR	2m50.90
1	Warren CRESWICK	46	NLS	3m00.71
2	Steve SELIG	46	VMV	3m03.10
3	Stu FITCH	45	ACN	3m04.48
4	David KING	45	NRY	3m06.08
5	Allan NICHOLS	45	TSB	3m08.99
6	Len COOK	45	QHA	3m12.03
7	Stephen TWARTZ	46	WSM	3m12.37
8	Malcolm MOTUM	45	ACN	3m13.30
9	Graham BOYD	48	VGL	3m16.40
10	Stephen EDGE	45	VWB	3m17.47

45-49 400m Breaststroke

Best TT	Paul WYATT		NCR	6m08.33
1	David KING	45	NRY	6m36.84
2	Stephen EDGE	45	VWB	6m45.93
3	Warren CRESWICK	46	NLS	6m53.64
4	Richard WILLIAMS	49	QTW	7m00.64
5	Malcolm MOTUM	45	ACN	7m01.39
6	Stephen TWARTZ	46	WSM	7m02.19
7	Murray BURNS	46	VDC	7m02.75
8	Jeff TOWNSEND	49	QSC	7m09.16
9	Peter MCMONAGLE	49	QTW	7m12.95
10	Paul GIBSON	45	CDW	7m15.46

1998 NATIONAL TOP TEN - MALE LONG COURSE

45-49 800m Breaststroke

Best TT	Paul WYATT		NCR	12m28.37
1	Stephen EDGE	45	VWB	13m42.11
2	Warren CRESWICK	46	NLS	14m20.31
3	Malcolm MOTUM	45	ACN	14m22.02
4	Stephen TWARTZ	46	WSM	14m26.77
5	Paul GIBSON	45	CDW	14m54.30
6	Gerry TUCKER	49	VMV	14m56.00
7	Bruce WILLIAMSON	46	NWS	15m04.98
8	Jeff TOWNSEND	49	QSC	15m15.01
9	Kevin STIRLING	45	NCT	15m24.75
10	Frank HAVERKORT	49	WCM	15m24.92

45-49 1500m Breaststroke

Best TT	Paul WYATT		NCR	23m34.76
1	Len COOK	45	QHA	26m34.16
2	Stephen TWARTZ	46	WSM	27m29.94
3	Malcolm MOTUM	45	ACN	27m37.75
4	Robert MCINNES	46	NWO	27m41.28
5	Gerry TUCKER	49	VMV	27m57.60
6	Warren CRESWICK	46	NLS	27m59.10
7	Paul GIBSON	45	CDW	28m21.10
8	Bruce WILLIAMSON	46	NWS	28m35.41
9	Jeff TOWNSEND	49	QSC	29m04.03
10	Mike SMITH	45	VNA	29m12.92

45-49 30MIN Breaststroke

Best TT	Warren CRESWICK		NLS	1650m
1	Warren CRESWICK	46	NLS	1650m
2	Malcolm MOTUM	45	ACN	1600m
2	Gerry TUCKER	49	VMV	1600m
4	Paul GIBSON	45	CDW	1575m
4	Stephen TWARTZ	46	WSM	1575m
6	Jeff TOWNSEND	49	QSC	1500m
7	Jeremy ALLEN	49	WSM	1475m
7	Frank HAVERKORT	49	WCM	1475m
9	Greg STEWART	45	NET	1450m
9	Kevin STIRLING	45	NCT	1450m

45-49 45MIN Breaststroke

Best TT	Stephen TWARTZ		WSM	2400m
1	Stephen TWARTZ	46	WSM	2400m
2	Malcolm MOTUM	45	ACN	2350m
3	Paul GIBSON	45	CDW	2325m
4	Gerry TUCKER	49	VMV	2275m
4	Frank HAVERKORT	49	WCM	2275m
6	William HOLLOWAY	47	VDC	2200m
7	Jeremy ALLEN	49	WSM	2175m
8	Peter RITCHIE	48	NWS	2150m
8	Kevin STIRLING	45	NCT	2150m
10	Keith BOWER	48	WCM	2025m

45-49 60MIN Breaststroke

Best TT	Michael MOLONEY		VPP	3450m
1	Gerry TUCKER	49	VMV	3100m
1	Bruce WILLIAMSON	46	NWS	3100m
3	Malcolm MOTUM	45	ACN	3075m
4	David KING	45	NRY	3050m
4	Stephen TWARTZ	46	WSM	3050m
6	Frank HAVERKORT	49	WCM	2950m
7	Kevin STIRLING	45	NCT	2850m
8	Jeremy ALLEN	49	WSM	2825m

45-49 60MIN Breaststroke Continued

9	Peter RITCHIE	48	NWS	2800m
10	Keith BOWER	48	WCM	2725m

45-49 50m Butterfly

Best TT	Roderick SEE		NRT	29.40
1	Roderick SEE	49	NRT	29.76
2	Bruce WILLIAMSON	46	NWS	30.44
3	David KING	45	NRY	30.53
4	Sandy MUIR	46	WCR	31.13
5	Greg STEWART	45	NET	31.53
6	Stephen TWARTZ	46	WSM	31.62
7	Michael WITTS	45	NTR	31.78
8	Peter EMERY	49	QBC	31.88
9	Garry RYDBERG	47	VPP	31.99
10	Tony CURRAN	45	NET	32.12

45-49 100m Butterfly

Best TT	John COVACEVICH		QCN	1m04.46
1	Roderick SEE	49	NRT	1m09.79
2	Stephen TWARTZ	46	WSM	1m11.42
3	David KING	45	NRY	1m11.87
4	Gerry TUCKER	49	VMV	1m13.78
5	Les SEVARACZ	45	VPP	1m14.45
6	Rod MACGREGOR	47	THB	1m18.14
7	Michael WITTS	45	NTR	1m18.83
8	Peter EMERY	49	QBC	1m20.09
9	Chris WEST	49	QWS	1m20.28
10	Stephen BOOKER	49	QPL	1m21.34

45-49 200m Butterfly

Best TT	John COVACEVICH		QCN	2m25.23
1	Stephen TWARTZ	46	WSM	2m43.01
2	Les SEVARACZ	45	VPP	2m46.82
3	Robert BAYLEY	46	VSN	2m52.89
4	David KING	45	NRY	3m00.78
5	Gerry TUCKER	49	VMV	3m04.73
6	Rod MACGREGOR	47	THB	3m08.56
7	Stu FITCH	45	ACN	3m08.82
8	Jeremy ALLEN	49	WSM	3m10.13
9	Rick EDWARDS	48	QWS	3m12.54
10	Ian MCCALLUM	48	NNS	3m18.78

45-49 400m Butterfly

Best TT	Vic PAUL		WNM	6m10.68
1	Stephen TWARTZ	46	WSM	6m32.71
2	Peter EMERY	49	QBC	6m43.76
3	Jeremy ALLEN	49	WSM	6m47.16
4	Rod MACGREGOR	47	THB	6m57.86
5	Gerry TUCKER	49	VMV	7m10.27
6	Murray BURNS	46	VDC	7m14.34
7	Greg STEWART	45	NET	7m30.97
8	Malcolm MOTUM	45	ACN	7m34.92
9	Richard WILLIAMS	49	QTW	8m46.80
10	Peter RITCHIE	48	NWS	9m01.28

45-49 800m Butterfly

Best TT	David GORDON		VPP	12m45.62
1	Jeremy ALLEN	49	WSM	14m14.34
2	Stephen TWARTZ	46	WSM	14m15.75
3	Murray BURNS	46	VDC	14m30.63
4	Gerry TUCKER	49	VMV	15m06.52

45-49 800m Butterfly Continued

5	Peter RITCHIE	48	NWS	18m37.41
6	Russell MCLEOD	48	NCT	19m48.08

45-49 200m Ind. Medley

Best TT	John COVACEVICH		QCN	2m31.09
1	Stephen TWARTZ	46	WSM	2m38.57
2	David KING	45	NRY	2m39.24
3	Steve SELIG	46	VMV	2m42.52
4	Stu FITCH	45	ACN	2m46.54
5	Allan NICHOLS	45	TSB	2m52.25
6	Warren CRESWICK	46	NLS	2m52.27
7	Stephen LANY	49	NML	2m53.38
8	Michael WITTS	45	NTR	2m55.83
9	John KAY	48	NSH	2m57.52
10	Paul GIBSON	45	CDW	2m59.78

45-49 400m Ind. Medley

Best TT	John COVACEVICH		QCN	5m19.36
1	David KING	45	NRY	5m54.02
2	Stu FITCH	45	ACN	6m01.23
3	Jeremy ALLEN	49	WSM	6m14.87
4	Stephen TWARTZ	46	WSM	6m14.99
5	Allan NICHOLS	45	TSB	6m20.76
6	Rod MACGREGOR	47	THB	6m30.30
7	Warren CRESWICK	46	NLS	6m30.79
8	Michael WITTS	45	NTR	6m31.38
9	Paul GIBSON	45	CDW	6m34.39
10	Harald GATENBY	47	THB	6m35.25

45-49 800m Ind. Medley

Best TT	Dick CAMPION		VPP	12m23.79
1	Stephen TWARTZ	46	WSM	12m40.21
2	Jeremy ALLEN	49	WSM	13m17.19
3	Warren CRESWICK	46	NLS	13m20.27
4	Gerry TUCKER	49	VMV	13m49.54
5	Paul GIBSON	45	CDW	13m58.30
6	Chris WEST	49	QWS	14m45.21
7	Malcolm MOTUM	45	ACN	14m49.10
8	Philip GATENBY	47	ACN	15m53.64
9	Peter RITCHIE	48	NWS	15m53.91
10	Kevin STIRLING	45	NCT	15m58.12

****
*****
**

50-54 50m Freestyle

Best TT	Graham CROFT		WIW	27.19
1	Graham CROFT	50	WIW	27.19
2	Bronte EDWARDS	52	SAM	28.73
3	Chris SHAPLAND	51	QPN	29.24
4	Roy LEHTON	50	QWS	29.42
5	Ross WILCOCK	50	NET	29.67
6	John PARRY	54	NWG	29.68
7	Ronald HARDIE	52	SAM	29.72
8	Ian FERGUS	53	WCM	29.75
9	Jeff BANKS	51	NLS	29.79
10	Ted WOODBURY	53	VBM	29.95

50-54 100m Freestyle

Best TT	Graham CROFT		WIW	1m00.80
1	Graham CROFT	50	WIW	1m00.80
2	Bronte EDWARDS	52	SAM	1m03.04
3	Chris SHAPLAND	51	QPN	1m03.06
4	Noel BROADWAY	50	VBC	1m04.96
5	Jeff BANKS	51	NLS	1m05.80
6	Ross WILCOCK	50	NET	1m06.12
7	Victor PAUL	54	WCM	1m07.62
8	Roy LEHTON	50	QWS	1m07.66
9	Trevor SKINNER	50	VMV	1m07.98
10	A. MACKINLAY	50	WCM	1m08.20

50-54 200m Freestyle

Best TT	Victor PAUL		WCR	2m17.11
1	Chris SHAPLAND	51	QPN	2m19.98
2	Graham CROFT	50	WIW	2m21.37
3	Jeff BANKS	51	NLS	2m25.13
4	Victor PAUL	54	WCM	2m27.71
5	Ross WILCOCK	50	NET	2m28.93
6	Bronte EDWARDS	52	SAM	2m30.70
7	Noel BROADWAY	50	VBC	2m30.84
8	A. MACKINLAY	50	WCM	2m33.60
9	Trevor SKINNER	50	VMV	2m34.57
10	Don SPENDER	50	NNS	2m35.03

50-54 400m Freestyle

Best TT	Victor PAUL		WCR	4m52.00
1	Chris SHAPLAND	51	QPN	4m55.68
2	Graham CROFT	50	WIW	5m05.29
3	Jeff BANKS	51	NLS	5m10.16
4	Gary WINDUSS	52	VSP	5m13.64
5	Ross WILCOCK	50	NET	5m16.49
6	Victor PAUL	54	WCM	5m16.74
7	Patrick DEVINE	51	VMV	5m24.11
8	Don SPENDER	50	NNS	5m26.31
9	Francis GODDEN	54	VDC	5m31.61
10	Trevor SKINNER	50	VMV	5m34.29

50-54 800m Freestyle

Best TT	Victor PAUL		WCR	10m20.50
1	Patrick DEVINE	51	VMV	10m53.42
2	Victor PAUL	54	WCM	11m00.91
3	Gary WINDUSS	52	VSP	11m05.22
4	Francis GODDEN	54	VDC	11m31.41
5	Don SPENDER	50	NNS	11m46.86
6	Jon PATTERSON	50	QIP	11m49.78
7	Richard HODGE	50	QLG	12m17.77
8	Allan HARRIS	50	NWS	12m31.91

50-54 800m Freestyle Continued

9	Jay NEVILLE	52	QMM	12m32.98
10	Max WANNELL	53	WCR	12m35.41

50-54 1500m Freestyle

Best TT	Victor PAUL		WCR	19m48.67
1	Patrick DEVINE	51	VMV	20m38.82
2	Victor PAUL	54	WCM	20m58.29
3	Francis GODDEN	54	VDC	21m44.77
4	Don SPENDER	50	NNS	22m12.39
5	Jon PATTERSON	50	QIP	22m42.48
6	Chris SHAPLAND	51	QPN	22m55.10
7	Richard HODGE	50	QLG	23m18.27
8	Allan HARRIS	50	NWS	23m28.02
9	Peter BROWN	53	NWG	24m19.98
10	Peter STORER	50	QPR	24m57.10

50-54 3000m Freestyle

Best TT	Victor PAUL		WCR	41m26.99
1	Victor PAUL	54	WCM	43m18.25
2	Allan HARRIS	50	NWS	47m39.02
3	Paul GILBERT	51	NCT	50m51.02
4	Ted GIBLIN	53	CDW	52m25.63
5	Richard SARGENT	51	QBB	54m50.48
6	Richard BROWN	50	VMV	55m31.85
7	John MCLEOD	51	QRH	55m34.27
8	Kevin PRICE	50	NCT	55m51.93
9	Peter COYLE	50	WSM	56m58.30
10	M. O'FLAHERTY	54	VMV	59m05.27

50-54 5000m Freestyle

Best TT	Victor PAUL		WCR	70m03.37
1	Victor PAUL	54	WCM	74m26.76
2	Richard SARGENT	51	QBB	92m32.34
3	John LOVE	53	SMR	97m55.00
4	John MCLEOD	51	QRH	99m24.07
5	Roger BLOWS	51	SMR	101m27.97

50-54 30MIN Freestyle

Best TT	Victor PAUL		WCR	2150m
1	Victor PAUL	54	WCM	2075m
2	Don SPENDER	50	NNS	2000m
3	Jon PATTERSON	50	QIP	1925m
4	Allan HARRIS	50	NWS	1800m
5	Paul GILBERT	51	NCT	1750m
5	Peter GRACE	51	QBN	1750m
7	Robin EATTELL	51	WIW	1700m
8	Ted GIBLIN	53	CDW	1675m
8	Richard BROWN	50	VMV	1675m
10	Peter COYLE	50	WSM	1650m

50-54 45MIN Freestyle

Best TT	Victor PAUL		WCR	3250m
1	Victor PAUL	54	WCM	3100m
2	Allan HARRIS	50	NWS	2800m
3	Jon PATTERSON	50	QIP	2700m
4	Paul GILBERT	51	NCT	2650m
5	Peter ROCK	53	WGT	2575m
6	Ted GIBLIN	53	CDW	2500m
6	Max WANNELL	53	WCR	2500m
8	Geoff BYFIELD	54	CDW	2425m
8	Richard BROWN	50	VMV	2425m

50-54 45MIN Freestyle Continued

10	Peter COYLE	50	WSM	2400m

50-54 60MIN Freestyle

Best TT	Victor PAUL		WCR	4225m
1	Victor PAUL	54	WCM	4025m
2	Allan HARRIS	50	NWS	3750m
3	Jon PATTERSON	50	QIP	3625m
4	Paul GILBERT	51	NCT	3450m
5	Max WANNELL	53	WCR	3425m
6	Ted GIBLIN	53	CDW	3400m
6	Kenneth HAMPSON	53	VBC	3400m
8	Peter ROCK	53	WGT	3375m
9	Richard BROWN	50	VMV	3250m
9	Kevin PRICE	50	NCT	3250m

50-54 50m Backstroke

Best TT	David THIELE		QUW	31.84
1	Patrick DEVINE	51	VMV	33.33
2	Brian HAYES	53	NWG	35.38
3	Roy COLAM	52	WCR	35.43
4	Peter SHARP	54	VSN	35.52
5	Chris SHAPLAND	51	QPN	35.62
6	Barend DEEGENAARS	51	NSG	36.68
7	Paul WYATT	52	NCR	36.80
8	Ian FERGUS	53	WCM	37.60
9	Jon PATTERSON	50	QIP	37.74
10	Owen WILLIAMS	51	QIF	38.52

50-54 100m Backstroke

Best TT	David THIELE		QUW	1m11.70
1	Patrick DEVINE	51	VMV	1m17.18
2	Brian HAYES	53	NWG	1m19.26
3	Roy COLAM	52	WCR	1m19.74
4	Peter SHARP	54	VSN	1m19.98
5	Jon PATTERSON	50	QIP	1m24.28
6	Barend DEEGENAARS	51	NSG	1m27.27
7	Owen WILLIAMS	51	QIF	1m28.23
8	Bruce HYDE	52	WCM	1m32.46
9	Jock DEAN	50	CDW	1m32.76
10	John HOOD	50	SMR	1m32.87

50-54 200m Backstroke

Best TT	Bob BARRY		NLS	2m45.20
1	Patrick DEVINE	51	VMV	2m48.69
2	Brian HAYES	53	NWG	2m52.42
3	Roy COLAM	52	WCR	2m54.10
4	Peter SHARP	54	VSN	2m57.90
5	Victor PAUL	54	WCM	3m04.54
6	Gary WINDUSS	52	VSP	3m05.46
7	Jon PATTERSON	50	QIP	3m07.33
8	John MARSHALL	54	QBN	3m10.05
9	Paul ATKINSON	54	QJJ	3m12.61
10	Francis GODDEN	54	VDC	3m19.70

50-54 400m Backstroke

Best TT	Roy COLAM		WCR	6m06.25
1	Jon PATTERSON	50	QIP	6m32.66
2	Francis GODDEN	54	VDC	6m44.59
3	Victor PAUL	54	WCM	7m00.35
4	Ross TILLEY	52	QRC	7m10.49
5	Allan HARRIS	50	NWS	7m11.56

50-54 400m Backstroke Continued

6	Paul ATKINSON	54	QJJ	7m12.91
7	Ted GIBLIN	53	CDW	7m19.41
8	Stan PEARSON	50	QCD	7m21.78
9	Don SPENDER	50	NNS	7m33.20
10	Jock DEAN	50	CDW	7m35.94

50-54 800m Backstroke

Best TT	Victor PAUL		WCR	13m03.75
1	Jon PATTERSON	50	QIP	13m38.19
2	Victor PAUL	54	WCM	13m40.52
3	Paul GILBERT	51	NCT	13m49.21
4	Ross TILLEY	52	QRC	14m35.65
5	Ted GIBLIN	53	CDW	15m01.89
6	Peter COYLE	50	WSM	16m18.09
7	Peter GRACE	51	QBN	16m27.45
8	Geoff BYFIELD	54	CDW	16m53.88
9	Richard SARGENT	51	QBB	17m09.90
10	John O'DOWD	53	VMV	17m24.51

50-54 1500m Backstroke

Best TT	Roy COLAM		WCR	25m33.12
1	Jon PATTERSON	50	QIP	25m53.61
2	Victor PAUL	54	WCM	26m14.23
3	Paul ATKINSON	54	QJJ	28m17.02
4	Ted GIBLIN	53	CDW	28m56.27
5	Paul GILBERT	51	NCT	30m01.90
6	Peter COYLE	50	WSM	30m56.50
7	Geoff BYFIELD	54	CDW	32m52.78
8	John O'DOWD	53	VMV	33m17.78
9	Ralph HUDSON	50	QRH	33m54.56
10	Kevin PRICE	50	NCT	34m35.26

50-54 30MIN Backstroke

Best TT	Victor PAUL		WCR	1650m
	Jon PATTERSON		QIP	
1	Jon PATTERSON	50	QIP	1650m
1	Victor PAUL	54	WCM	1650m
3	Hugh SMITH	52	WIW	1575m
4	Ted GIBLIN	53	CDW	1525m
5	Paul GILBERT	51	NCT	1500m
6	Peter COYLE	50	WSM	1450m
7	John O'DOWD	53	VMV	1375m
8	Geoff BYFIELD	54	CDW	1350m
9	Kevin PRICE	50	NCT	1300m
10	Peter HORROCKS	51	WBY	1275m

50-54 45MIN Backstroke

Best TT	Jon PATTERSON		QIP	2525m
1	Jon PATTERSON	50	QIP	2525m
2	Victor PAUL	54	WCM	2425m
3	Ted GIBLIN	53	CDW	2300m
4	Peter COYLE	50	WSM	2025m
5	Kevin PRICE	50	NCT	1950m
6	Geoff BYFIELD	54	CDW	1925m
7	Peter HORROCKS	51	WBY	1900m
8	Phil MANDER	51	WWF	1750m
9	Raymond WOOD	51	NKT	1650m
10	Hugh SMITH	52	WIW	1575m

50-54 60MIN Backstroke

Best TT	Jon PATTERSON		QIP	3425m
1	Jon PATTERSON	50	QIP	3425m
2	Victor PAUL	54	WCM	3100m
3	Ted GIBLIN	53	CDW	2975m
4	Paul GILBERT	51	NCT	2950m
5	Peter COYLE	50	WSM	2725m
6	Kevin PRICE	50	NCT	2600m
7	Peter HORROCKS	51	WBY	2500m
8	Roger MONTGOMERY	53	NWS	2250m
9	Raymond WOOD	51	NKT	2150m
10	Hugh SMITH	52	WIW	2100m

50-54 50m Breaststroke

Best TT	B. ROBERTSON-DUNN		ATN	35.24
1	Patrick DEVINE	51	VMV	37.20
2	David HUGO	50	CAS	37.74
3	Paul WYATT	52	NCR	37.97
4	Ross GYNTHER	51	QCD	38.30
5	Brian WALSH	53	VDC	39.16
6	Graham CROFT	50	WIW	39.26
7	Ian FERGUS	53	WCM	39.30
8	John MARSHALL	54	QBN	39.34
9	Greg HAYES	50	NSH	39.59
10	Brian HUNT	54	WMV	39.65

50-54 100m Breaststroke

Best TT	Michael MOLONEY		VPP	1m19.20
1	Peter MCKENZIE	50	TLC	1m24.93
2	Patrick DEVINE	51	VMV	1m25.16
3	Ross GYNTHER	51	QCD	1m25.90
4	Paul WYATT	52	NCR	1m26.51
5	Victor PAUL	54	WCM	1m28.06
6	Robert MUIR	50	VNL	1m28.80
7	David HUGO	50	CAS	1m29.18
8	Charles HAHN	52	NCR	1m29.78
8	Wayne WOOLER	54	QRH	1m29.78
10	John MARSHALL	54	QBN	1m30.12

50-54 200m Breaststroke

Best TT	Michael MOLONEY		VPP	2m51.68
1	Paul WYATT	52	NCR	3m01.35
2	Peter MCKENZIE	50	TLC	3m03.79
3	Victor PAUL	54	WCM	3m15.72
4	Jay NEVILLE	52	QMM	3m15.78
5	Ross GYNTHER	51	QCD	3m16.26
6	Francis GODDEN	54	VDC	3m18.66
7	Robert MUIR	50	VNL	3m21.10
8	Patrick DEVINE	51	VMV	3m25.59
9	John MARSHALL	54	QBN	3m27.48
10	Kris LUBER	53	VSS	3m29.01

50-54 400m Breaststroke

Best TT	Paul WYATT		NCR	6m14.53
1	Ross GYNTHER	51	QCD	6m51.61
2	Patrick DEVINE	51	VMV	6m52.87
3	Jay NEVILLE	52	QMM	6m58.32
4	Victor PAUL	54	WCM	7m05.79
5	Johan DREYER	51	WMH	7m14.20
6	Brian HUNT	54	WMV	7m26.92
7	Peter GRACE	51	QBN	7m32.41
8	Don SPENDER	50	NNS	7m38.07

50-54 400m Breaststroke Continued

9	Ted GIBLIN	53	CDW	7m44.93
10	Stan PEARSON	50	QCD	7m49.26

50-54 800m Breaststroke

Best TT	Paul WYATT		NCR	13m02.52
1	Patrick DEVINE	51	VMV	13m34.98
2	Victor PAUL	54	WCM	13m56.03
3	Peter GRACE	51	QBN	15m50.86
4	Brian WALSH	53	VDC	16m01.02
5	Stan PEARSON	50	QCD	16m22.13
6	John O'DOWD	53	VMV	16m40.60
7	Peter COYLE	50	WSM	16m45.84
8	Jon PATTERSON	50	QIP	17m06.35
9	Urio BONACINA	51	NSH	17m06.54
10	Fritz RISLER	54	CDW	17m41.62

50-54 1500m Breaststroke

Best TT	Paul WYATT		NCR	24m27.30
1	Patrick DEVINE	51	VMV	25m51.90
2	Victor PAUL	54	WCM	27m09.02
3	Jay NEVILLE	52	QMM	27m47.19
4	Ross GYNTHER	51	QCD	27m52.21
5	Brian WALSH	53	VDC	29m51.30
6	Peter GRACE	51	QBN	29m53.70
7	Ted GIBLIN	53	CDW	30m39.21
8	Stan PEARSON	50	QCD	30m58.22
9	Geoff GRAHAM	50	QGS	31m58.15
10	John O'DOWD	53	VMV	32m52.65

50-54 30MIN Breaststroke

Best TT	Victor PAUL		WCR	1650m
1	Victor PAUL	54	WCM	1625m
2	Ted GIBLIN	53	CDW	1525m
3	Peter GRACE	51	QBN	1475m
4	Urio BONACINA	51	NSH	1400m
4	Jon PATTERSON	50	QIP	1400m
6	John O'DOWD	53	VMV	1375m
7	Peter HORROCKS	51	WBY	1325m
8	Peter COYLE	50	WSM	1300m
9	Geoff BYFIELD	54	CDW	1175m
9	Max WANNELL	53	WCR	1175m

50-54 45MIN Breaststroke

Best TT	Victor PAUL		WCR	2550m
1	Victor PAUL	54	WCM	2425m
2	Ted GIBLIN	53	CDW	2175m
3	Jon PATTERSON	50	QIP	2125m
4	John O'DOWD	53	VMV	2050m
5	Peter COYLE	50	WSM	1950m
5	Peter HORROCKS	51	WBY	1950m
7	Phil MANDER	51	WWF	1850m
8	Geoff BYFIELD	54	CDW	1725m
9	Paul PHILLIPS	50	WIW	1700m
10	Roger MONTGOMERY	53	NWS	1650m

50-54 60MIN Breaststroke

Best TT	Michael MOLONEY		VPP	3350m
1	Victor PAUL	54	WCM	3225m
2	Jon PATTERSON	50	QIP	2725m
3	John O'DOWD	53	VMV	2625m
3	Peter COYLE	50	WSM	2625m

50-54 60MIN Breaststroke Continued

5	Peter HORROCKS	51	WBY	2550m
6	Geoff BYFIELD	54	CDW	2275m
7	Max WANNELL	53	WCR	2225m
8	Roger MONTGOMERY	53	NWS	2150m
9	John DIXON	51	QIP	2125m
9	Hugh SMITH	52	WIW	2125m

50-54 50m Butterfly

Best TT	Ian FERGUS		WCM	29.67
1	Ian FERGUS	53	WCM	30.65
2	Patrick DEVINE	51	VMV	30.80
3	John PARRY	54	NWG	31.51
4	Bronte N EDWARDS	52	SAM	31.97
5	Paul WYATT	52	NCR	32.31
6	Chris SHAPLAND	51	QPN	32.58
7	David MACPHIE	53	VNL	33.51
8	Gwyn WILLIAMS	53	WMV	33.67
9	Rick THORN	52	QLG	34.14
10	John MARSHALL	54	QBN	34.57

50-54 100m Butterfly

Best TT	Peter GILMOUR		NRY	1m06.99
1	Patrick DEVINE	51	VMV	1m12.73
2	Ian FERGUS	53	WCM	1m16.65
3	Noel BROADWAY	50	VBC	1m18.76
4	Paul WYATT	52	NCR	1m21.20
5	Paul ATKINSON	54	QJJ	1m25.85
6	Jay NEVILLE	52	QMM	1m27.78
7	John MARSHALL	54	QBN	1m29.88
8	Rick THORN	52	QLG	1m31.23
9	Bruce HYDE	52	WCM	1m31.25
10	Alastair WILL	53	SAM	1m33.27

50-54 200m Butterfly

Best TT	Peter GILMOUR		NRY	2m32.65
1	Paul WYATT	52	NCR	3m07.53
2	Jay NEVILLE	52	QMM	3m13.33
3	Charles HAHN	52	NCR	3m14.82
4	Paul ATKINSON	54	QJJ	3m24.35
5	Bruce HYDE	52	WCM	3m24.47
6	Brian WALSH	53	VDC	3m33.29
7	David CUMMINS	53	WCM	3m57.12
8	Wayne WOOLER	54	QRH	4m03.68
9	Ronald HOSKING	51	CDW	4m03.99
10	Ted GIBLIN	53	CDW	4m05.16

50-54 400m Butterfly

Best TT	Peter GILMOUR		NRY	6m01.37
1	Victor PAUL	54	WCM	6m53.17
2	Jay NEVILLE	52	QMM	7m02.60
3	Bruce HYDE	52	WCM	7m33.89
4	Jon PATTERSON	50	QIP	8m00.69
5	Ted GIBLIN	53	CDW	8m25.19
6	Max WANNELL	53	WCR	8m31.71
7	Wayne WOOLER	54	QRH	8m48.48
8	Peter COYLE	50	WSM	9m48.84
9	Paul PHILLIPS	50	WIW	10m14.57
10	Geoff BYFIELD	54	CDW	10m19.80

1998 NATIONAL TOP TEN - MALE LONG COURSE

50-54 800m Butterfly

Best TT	Victor PAUL		WCR	12m51.11
1	Victor PAUL	54	WCM	13m57.02
2	Jon PATTERSON	50	QIP	17m06.35
3	Max WANNELL	53	WCR	17m10.75
4	Ted GIBLIN	53	CDW	17m23.36
5	Kevin PRICE	50	NCT	20m38.82

50-54 200m Ind. Medley

Best TT	Paul WYATT		NCR	2m40.16
1	Patrick DEVINE	51	VMV	2m40.32
2	Chris SHAPLAND	51	QPN	2m44.36
3	Paul WYATT	52	NCR	2m52.46
4	Ross WILCOCK	50	NET	2m53.04
5	Jeff BANKS	51	NLS	2m59.67
6	Ian FERGUS	53	WCM	3m07.00
7	Ross GYNTHER	51	QCD	3m07.90
8	Peter MCKENZIE	50	TLC	3m08.42
9	Mark NIEMELA	50	NNS	3m09.03
10	Don SPENDER	50	NNS	3m09.37

50-54 400m Ind. Medley

Best TT	Paul WYATT		NCR	5m43.96
1	Patrick DEVINE	51	VMV	6m09.08
2	Victor PAUL	54	WCM	6m26.92
3	Jon PATTERSON	50	QIP	6m46.50
4	Jeff BANKS	51	NLS	6m49.58
5	Paul ATKINSON	54	QJJ	6m49.77
6	Jay NEVILLE	52	QMM	7m00.22
7	Ted GIBLIN	53	CDW	7m10.52
8	Alan GRANT	51	QMM	7m26.50
9	Allan HARRIS	50	NWS	7m27.15
10	Roy LEHTON	50	QWS	7m40.38

50-54 800m Ind. Medley

Best TT	Victor PAUL		WCR	12m28.99
1	Victor PAUL	54	WCM	12m59.17
2	Jon PATTERSON	50	QIP	14m42.78
3	Ted GIBLIN	53	CDW	15m37.11
4	Max WANNELL	53	WCR	16m36.62
5	Peter COYLE	50	WSM	16m54.97
6	Kevin PRICE	50	NCT	18m20.49
7	Geoff BYFIELD	54	CDW	18m25.37
8	Colin MCCRAITH	53	VHM	19m24.48
9	Paul PHILLIPS	50	WIW	20m03.66
10	Hugh SMITH	52	WIW	21m28.36

****
*****
**

55-59 50m Freestyle

Best TT	Tony STRAHAN		VDC	28.09
1	Tony STRAHAN	56	VDC	28.09
2	David BOYLSON	55	QMM	28.21
3	Rex ELKINGTON	59	QMM	29.90
4	Ian INGRAM	55	ACN	29.91
5	Michael SLOAN	56	VDC	30.06
6	Maurice JUNK	59	WSM	30.10
7	Bill HARRIS	57	NML	30.35
8	Gary STUTSEL	59	NTR	30.58
9	Gary NICHOLLS	58	NCR	30.66
10	John PAGDEN	57	NWG	30.68

55-59 100m Freestyle

Best TT	Tony STRAHAN		VDC	1m02.67
1	Tony STRAHAN	56	VDC	1m02.67
2	David BOYLSON	55	QMM	1m05.04
3	Bill HARRIS	57	NML	1m07.29
4	John MORRISON	55	QPN	1m08.99
5	John PAGDEN	57	NWG	1m09.29
6	Maurice JUNK	59	WSM	1m09.53
7	Terry O'BRIEN	56	VFZ	1m09.84
8	Rex ELKINGTON	59	QMM	1m10.67
9	John THOMAS	59	QLG	1m11.24
10	David ROSS	57	NWG	1m11.75

55-59 200m Freestyle

Best TT	Murray ROSE		NCR	2m18.68
1	Tony STRAHAN	56	VDC	2m20.75
2	David BOYLSON	55	QMM	2m29.90
3	Bill HARRIS	57	NML	2m31.39
4	John MORRISON	55	QPN	2m32.26
5	Mal INNES	57	TTL	2m38.75
6	Maurice JUNK	59	WSM	2m39.32
7	Keith LEE	55	QSM	2m39.83
8	Terry O'BRIEN	56	VFZ	2m40.04
9	David ROSS	57	NWG	2m41.64
10	John THOMAS	59	QLG	2m45.79

55-59 400m Freestyle

Best TT	Murray ROSE		NCR	4m58.68
1	Tony STRAHAN	56	VDC	5m13.57
2	John MORRISON	55	QPN	5m19.51
3	Peter GILMOUR	56	NRY	5m22.70
4	David BOYLSON	55	QMM	5m34.28
5	Keith LEE	55	QSM	5m39.46
6	Mal INNES	57	TTL	5m39.62
7	Tom O'CONNOR	56	VBC	5m49.72
8	Robert KIRKBRIDE	55	NOF	5m54.81
9	Maurice JUNK	59	WSM	5m56.16
10	Dick DODDS	58	QMM	6m01.52

55-59 800m Freestyle

Best TT	John CRISP		QMM	10m52.25
1	John MORRISON	55	QPN	11m31.36
2	Maurice JUNK	59	WSM	12m03.08
3	Doug BENNETT	57	QWS	12m33.20
4	Peter DELMODES	59	QSF	12m41.90
5	Robert KIRKBRIDE	55	NOF	12m54.22
6	Manfred KRAUT	57	WSM	12m59.74
7	Brian DAVIS	57	VMV	13m08.67
8	Alan HAINTZ	59	VDC	13m15.03

1998 NATIONAL TOP TEN - MALE LONG COURSE

55-59 800m Freestyle Continued

9	Colin MAYRHOFER	58	ACN	13m16.03
10	Gary MARKER	58	QTV	13m20.59

55-59 1500m Freestyle

Best TT	John POLLOCK		CDW	14m02.60
1	John POLLOCK	59	CDW	14m02.60
2	John MORRISON	55	QPN	21m51.65
3	Maurice JUNK	59	WSM	23m41.73
4	Bob WADE	59	QLG	24m10.09
5	Dick DODDS	58	QMM	24m25.08
6	Colin MAYRHOFER	58	ACN	24m43.66
7	Gary MARKER	58	QTV	24m48.64
8	Alan HAINTZ	59	VDC	25m00.51
9	John THOMAS	59	QLG	25m22.29
10	Ken BREWSTER	55	QLG	25m42.35

55-59 3000m Freestyle

Best TT	John CRISP		QMM	44m21.10
1	Maurice JUNK	59	WSM	48m17.36
2	Manfred KRAUT	57	WSM	53m31.27
3	F. VAN ANDEL	57	WIW	53m46.49
4	Geoffrey WOODS	55	SMR	55m51.52
5	Allan SUSKIN	56	SAT	57m48.99
6	Michael TAYLOR	55	QRH	60m30.56

55-59 5000m Freestyle

Best TT	John CRISP		QMM	76m23.53
1	Geoffrey WOODS	55	SMR	95m33.00
2	Bill HILL	57	QBN	104m59.56

55-59 30MIN Freestyle

Best TT	Mal INNES		TTL	1950m
1	Maurice JUNK	59	WSM	1850m
2	Colin MAYRHOFER	58	ACN	1725m
3	John POLLOCK	59	CDW	1700m
3	F. VAN ANDEL	57	WIW	1700m
5	Manfred KRAUT	57	WSM	1675m
5	Mike HEWITT	55	QIP	1675m
5	Geoff ROBINSON	58	QMK	1675m
8	Eric EDGEWORTH	57	QIP	1625m
9	Allan SUSKIN	56	SAT	1600m
9	Geoffrey WOODS	55	SMR	1600m

55-59 45MIN Freestyle

Best TT	Maurice JUNK		WSM	2775m
1	Maurice JUNK	59	WSM	2775m
2	Manfred KRAUT	57	WSM	2575m
3	F. VAN ANDEL	57	WIW	2550m
4	Eric EDGEWORTH	57	QIP	2450m
4	Geoff ROBINSON	58	QMK	2450m
6	Geoffrey WOODS	55	SMR	2400m
7	Allan SUSKIN	56	SAT	2350m
8	Bill HILL	57	QBN	2325m
9	Michael TAYLOR	55	QRH	2250m
9	David LAWS	57	WCR	2250m

55-59 60MIN Freestyle

Best TT	John CRISP		QMM	3900m
1	Maurice JUNK	59	WSM	3700m
2	Brian DAVIS	57	VMV	3500m
3	F. VAN ANDEL	57	WIW	3375m

55-59 60MIN Freestyle Continued

4	John POLLOCK	59	CDW	3350m
5	Laurie HEALY	57	VPP	3325m
5	Manfred KRAUT	57	WSM	3325m
7	Geoffrey WOODS	55	SMR	3200m
8	Rob LUCAS	55	QMK	3175m
9	Herbert ORENSTEIN	56	VPP	3125m
10	Allan SUSKIN	56	SAT	3100m

55-59 50m Backstroke

Best TT	Bob BARRY		NLS	34.44
1	Tony STRAHAN	56	VDC	36.30
2	Gary NICHOLLS	58	NCR	37.03
3	John PAGDEN	57	NWG	37.35
4	Rex ELKINGTON	59	QMM	37.71
5	Stanley AYLEN	56	VDC	38.88
6	Ken BREWSTER	55	QLG	39.48
7	Michael J. GRAY	59	SAM	39.65
8	Rex NEALE	57	QPB	40.35
9	Manfred KRAUT	57	WSM	41.09
10	John ASHTON	56	VDC	41.33

55-59 100m Backstroke

Best TT	Bob BARRY		NLS	1m15.25
1	Gary NICHOLLS	58	NCR	1m24.00
2	Rex ELKINGTON	59	QMM	1m25.88
3	John PAGDEN	57	NWG	1m28.84
4	Stanley AYLEN	56	VDC	1m30.05
5	Manfred KRAUT	57	WSM	1m31.36
6	Michael J. GRAY	59	SAM	1m31.75
7	Rex NEALE	57	QPB	1m32.22
8	Phillip FORD	57	ACN	1m35.59
9	G. CARPENTER	57	NPM	1m35.85
10	Gary STUTSEL	59	NTR	1m35.95

55-59 200m Backstroke

Best TT	Bob BARRY		NLS	2m44.49
1	Gary NICHOLLS	58	NCR	3m07.91
2	John PAGDEN	57	NWG	3m09.36
3	Stanley AYLEN	56	VDC	3m18.71
4	Manfred KRAUT	57	WSM	3m20.52
5	John ASHTON	56	VDC	3m20.53
6	Maurice JUNK	59	WSM	3m26.06
7	Gary STUTSEL	59	NTR	3m29.99
8	Bob WADE	59	QLG	3m33.02
9	G. CARPENTER	57	NPM	3m33.50
10	Rob KELLY	57	QCN	3m34.91

55-59 400m Backstroke

Best TT	Bob BARRY		NLS	6m00.58
1	Ian DEAR	57	VMV	6m34.80
2	Manfred KRAUT	57	WSM	7m10.44
3	Maurice JUNK	59	WSM	7m13.37
4	Bob WADE	59	QLG	7m23.62
5	John ASHTON	56	VDC	7m26.53
6	Rex NEALE	57	QPB	7m31.21
7	Darryl HAWKES	59	SMR	7m53.24
8	John POLLOCK	59	CDW	8m11.14
9	Eric EDGEWORTH	57	QIP	8m14.42
10	Doug HOGAN	55	QGS	8m39.91

1998 NATIONAL TOP TEN - MALE LONG COURSE

55-59 800m Backstroke

Best TT	Ian DEAR		VMV	13m19.50
1	Ian DEAR	57	VMV	13m19.50
2	Manfred KRAUT	57	WSM	15m08.05
3	John POLLOCK	59	CDW	16m47.81
4	Darryl HAWKES	59	SMR	16m59.99
5	Eric EDGEWORTH	57	QIP	17m09.63
6	F. VAN ANDEL	57	WIW	18m15.29
7	E. GANFIELD	58	WBB	18m55.44
8	David LAWS	57	WCR	18m58.52
9	Doug HOGAN	55	QGS	19m31.20
10	Ted JONES	58	WBY	20m07.31

55-59 1500m Backstroke

Best TT	Manfred KRAUT		WSM	28m37.82
1	Manfred KRAUT	57	WSM	28m37.82
2	Peter FORSTER	56	QTW	29m35.78
3	John POLLOCK	59	CDW	32m27.54
4	Rex NEALE	57	QPB	33m26.00
5	Eric EDGEWORTH	57	QIP	33m35.14
6	Rob LUCAS	55	QMK	34m55.07
7	Doug HOGAN	55	QGS	35m10.98
8	David LAWS	57	WCR	35m41.08
9	F. VAN ANDEL	57	WIW	35m47.68
10	Dominique ACHOUR	55	WSM	37m44.46

55-59 30MIN Backstroke

Best TT	Manfred KRAUT		WSM	1550m
1	Manfred KRAUT	57	WSM	1550m
2	John POLLOCK	59	CDW	1425m
2	Eric EDGEWORTH	57	QIP	1425m
4	Darryl HAWKES	59	SMR	1400m
5	David LAWS	57	WCR	1250m
5	F. VAN ANDEL	57	WIW	1250m
7	Dominique ACHOUR	55	WSM	1150m
8	Ted JONES	58	WBY	1125m
9	Don BEALING	59	QSC	1100m
10	Michael BRAY	55	WSM	1025m

55-59 45MIN Backstroke

Best TT	Manfred KRAUT		WSM	2300m
1	Manfred KRAUT	57	WSM	2300m
2	Eric EDGEWORTH	57	QIP	2100m
3	John POLLOCK	59	CDW	2000m
4	F. VAN ANDEL	57	WIW	1925m
5	Rob LUCAS	55	QMK	1875m
6	Dominique ACHOUR	55	WSM	1775m
7	David LAWS	57	WCR	1750m
8	Ted JONES	58	WBY	1725m
9	Michael BRAY	55	WSM	1475m
9	Peter O'LOUGHLIN	59	WSM	1475m

55-59 60MIN Backstroke

Best TT	Manfred KRAUT		WSM	2975m
1	Manfred KRAUT	57	WSM	2975m
2	John POLLOCK	59	CDW	2600m
2	Eric EDGEWORTH	57	QIP	2600m
4	F. VAN ANDEL	57	WIW	2500m
5	Dominique ACHOUR	55	WSM	2400m
6	David LAWS	57	WCR	2375m
7	Michael BRAY	55	WSM	1800m

55-59 50m Breaststroke

Best TT	Michael MOLONEY		VPP	37.15
1	Ian INGRAM	55	ACN	37.72
2	Gary STUTSEL	59	NTR	38.78
3	Bill HARRIS	57	NML	39.81
4	Leslie TYRRELL	56	NLP	39.87
5	John ASHTON	56	VDC	40.05
6	Donald J HOUGH	55	WGO	40.43
7	Alan NEILL	56	WML	40.62
8	Peter JOSEPH	57	NLC	40.69
9	Alan SHARPE	59	QBN	41.43
10	Eddie HUNTER	58	VFR	41.82

55-59 100m Breaststroke

Best TT	Michael MOLONEY		VPP	1m21.09
1	Michael MOLONEY	59	VPP	1m25.69
2	Ian INGRAM	55	ACN	1m28.03
3	Gary STUTSEL	59	NTR	1m30.34
4	John ASHTON	56	VDC	1m30.86
5	John MORRISON	55	QPN	1m31.07
6	Alan NEILL	56	WML	1m31.78
7	Peter JOSEPH	57	NLC	1m32.69
8	Maurice JUNK	59	WSM	1m34.18
9	Leslie TYRRELL	56	NLP	1m35.03
10	Peter FORSTER	56	QTW	1m35.33

55-59 200m Breaststroke

Best TT	Michael MOLONEY		VPP	2m56.67
1	Michael MOLONEY	59	VPP	2m59.15
2	Ian INGRAM	55	ACN	3m17.27
3	Gary STUTSEL	59	NTR	3m26.41
4	Maurice JUNK	59	WSM	3m28.11
5	Peter FORSTER	56	QTW	3m29.00
6	Bill HARRIS	57	NML	3m29.21
7	Doug BENNETT	57	QWS	3m29.31
8	Peter JOSEPH	57	NLC	3m29.79
9	Martin SHANNY	55	NNS	3m33.36
10	Juan CASTRO	55	SMR	3m36.03

55-59 400m Breaststroke

Best TT	Michael MALONEY		VPP	6m22.70
1	Ian INGRAM	55	ACN	7m11.08
2	Doug BENNETT	57	QWS	7m22.79
3	Maurice JUNK	59	WSM	7m23.27
4	John ASHTON	56	VDC	7m56.00
5	James REYNOLDS	58	NRY	7m57.98
6	Colin MAYRHOFER	58	ACN	8m00.40
7	Manfred KRAUT	57	WSM	8m05.77
8	Bill HILL	57	QBN	8m10.86
9	Alan SHARPE	59	QBN	8m15.64
10	Dominique ACHOUR	55	WSM	8m24.29

55-59 800m Breaststroke

Best TT	Michael MOLONEY		VPP	12m47.37
1	Ian INGRAM	55	ACN	14m28.19
2	Doug BENNETT	57	QWS	15m31.17
3	John ASHTON	56	VDC	15m59.83
4	Rob LUCAS	55	QMK	16m29.46
5	Manfred KRAUT	57	WSM	16m30.74
6	Ian DEAR	57	VMV	16m42.65
7	Dominique ACHOUR	55	WSM	16m59.18
8	Bill HILL	57	QBN	17m10.00

1998 NATIONAL TOP TEN - MALE LONG COURSE

55-59 800m Breaststroke Continued

9	Alan SHARPE	59	QBN	17m34.90
10	David LAWS	57	WCR	17m42.90

55-59 1500m Breaststroke

Best TT	Michael MOLONEY		VPP	24m21.35
1	Maurice JUNK	59	WSM	28m24.94
2	Doug BENNETT	57	QWS	29m20.14
3	John ASHTON	56	VDC	30m12.33
4	Rob LUCAS	55	QMK	30m34.91
5	Manfred KRAUT	57	WSM	31m16.30
6	Bill HILL	57	QBN	31m40.25
7	Ian DEAR	57	VMV	32m25.62
8	Dominique ACHOUR	55	WSM	33m41.44
9	David LAWS	57	WCR	33m59.51
10	Eric EDGEWORTH	57	QIP	35m53.86

55-59 30MIN Breaststroke

Best TT	John ASHTON		VDC	1475m
1	John ASHTON	56	VDC	1475m
2	Manfred KRAUT	57	WSM	1425m
3	Ian DEAR	57	VMV	1375m
4	Dominique ACHOUR	55	WSM	1350m
5	Neville QUIGLEY	58	CDW	1325m
5	Bill HILL	57	QBN	1325m
5	Eric EDGEWORTH	57	QIP	1325m
5	David LAWS	57	WCR	1325m
9	Murray NIELSEN	58	QSC	1200m
9	Geoff ROBINSON	58	QMK	1200m

55-59 45MIN Breaststroke

Best TT	Ian DEAR		VMV	2600m
1	Manfred KRAUT	57	WSM	2125m
2	Dominique ACHOUR	55	WSM	1925m
3	David LAWS	57	WCR	1875m
4	John POLLOCK	59	CDW	1850m
4	Eric EDGEWORTH	57	QIP	1850m
6	Geoff ROBINSON	58	QMK	1800m
7	Ronald PRIOR	58	NCT	1700m
8	Bill PERRY	59	NWS	1550m
9	Michael BRAY	55	WSM	1250m
10	Joe JONES	59	QTW	1125m

55-59 60MIN Breaststroke

Best TT	Tony GOODWIN		NML	3000m
1	Manfred KRAUT	57	WSM	2775m
2	Rob LUCAS	55	QMK	2550m
2	Dominique ACHOUR	55	WSM	2550m
2	David LAWS	57	WCR	2550m
5	John POLLOCK	59	CDW	2425m
6	Geoff ROBINSON	58	QMK	2400m
7	Ronald PRIOR	58	NCT	2300m
8	Michael BRAY	55	WSM	1625m

55-59 50m Butterfly

Best TT	Peter GILMOUR		NRY	30.21
1	Peter GILMOUR	56	NRY	30.21
2	David BOYLSON	55	QMM	32.30
3	Mal INNES	57	TTL	34.38
4	Richard GREGORY	55	NWG	34.70
5	Ken BREWSTER	55	QLG	34.91
6	Colin MAYRHOFER	58	ACN	35.51

55-59 50m Butterfly Continued

7	Maurice JUNK	59	WSM	35.54
8	John THOMAS	59	QLG	36.02
9	Leslie TYRRELL	56	NLP	36.66
10	John ASHTON	56	VDC	36.74

55-59 100m Butterfly

Best TT	Peter GILMOUR		NRY	1m07.68
1	Peter GILMOUR	56	NRY	1m08.33
2	Mal INNES	57	TTL	1m22.00
3	Leslie TYRRELL	56	NLP	1m30.52
4	Laurie HEALY	57	VPP	1m32.03
5	Herbert ORENSTEIN	56	VPP	1m32.32
6	Ken BREWSTER	55	QLG	1m34.70
7	Brian DAVIS	57	VMV	1m34.89
8	Colin MAYRHOFER	58	ACN	1m41.78
9	Manfred KRAUT	57	WSM	1m42.11
10	Rob LUCAS	55	QMK	1m44.42

55-59 200m Butterfly

Best TT	Peter GILMOUR		NRY	2m34.90
1	Peter GILMOUR	56	NRY	2m38.07
2	Mal INNES	57	TTL	3m06.67
3	Tom O'CONNOR	56	VBC	3m26.08
4	Brian DAVIS	57	VMV	3m34.31
5	Laurie HEALY	57	VPP	3m36.48
6	Ken BREWSTER	55	QLG	3m41.02
7	Peter FORSTER	56	QTW	3m42.92
8	Herbert ORENSTEIN	56	VPP	3m54.87
9	Rob LUCAS	55	QMK	3m56.13
10	Darryl HAWKES	59	SMR	4m03.35

55-59 400m Butterfly

Best TT	Mal INNES		TTL	7m05.22
1	Gary STUTSEL	59	NTR	7m46.35
2	Peter FORSTER	56	QTW	8m01.47
3	Rob LUCAS	55	QMK	8m30.87
4	Richard LUGG	59	WOP	9m14.04
5	Dominique ACHOUR	55	WSM	9m41.29
6	Michael TAYLOR	55	QRH	9m56.90
7	David ADAMS	56	ACN	11m14.65
8	David LAWS	57	WCR	11m22.31
9	Bill PERRY	59	NWS	12m11.16

55-59 800m Butterfly

Best TT	Mal INNES		TTL	15m52.40
1	Richard LUGG	59	WOP	19m13.90
2	Bill PERRY	59	NWS	27m05.45

55-59 200m Ind. Medley

Best TT	Bob BARRY		NLS	2m52.41
1	Peter GILMOUR	56	NRY	2m52.85
2	Colin MAYRHOFER	58	ACN	3m05.51
3	Ian INGRAM	55	ACN	3m08.74
4	John MORRISON	55	QPN	3m09.23
5	Maurice JUNK	59	WSM	3m10.74
6	David ROSS	57	NWG	3m12.09
7	Gary STUTSEL	59	NTR	3m13.83
8	Gary NICHOLLS	58	NCR	3m16.77
9	Doug BENNETT	57	QWS	3m20.13
10	Manfred KRAUT	57	WSM	3m20.46

55-59 400m Ind. Medley

Best TT	Peter GILMOUR		NRY	5m57.25
1	Doug BENNETT	57	QWS	7m12.28
2	Colin MAYRHOFER	58	ACN	7m13.90
3	Manfred KRAUT	57	WSM	7m24.85
4	Ken BREWSTER	55	QLG	7m48.86
5	Eric EDGEWORTH	57	QIP	8m03.99
6	Dominique ACHOUR	55	WSM	8m12.13
7	David LAWS	57	WCR	9m04.80
8	Ronald PRIOR	58	NCT	9m25.08
9	Michael TAYLOR	55	QRH	9m33.79
10	Bill PERRY	59	NWS	9m47.81

55-59 800m Ind. Medley

Best TT	Ron RICHARDS		QSM	14m58.60
1	Peter FORSTER	56	QTW	16m10.60
2	Rob LUCAS	55	QMK	16m21.23
3	Ken BREWSTER	55	QLG	16m25.55
4	David LAWS	57	WCR	19m00.90
5	David ADAMS	56	ACN	20m46.53
6	Bill PERRY	59	NWS	22m09.29

****
*****
**

60-64 50m Freestyle

Best TT	John MCDIARMID		QSC	29.19
1	Roy DREW	64	SNO	30.75
2	John MCDIARMID	63	QMM	30.94
3	Chris BELL	61	QTV	31.76
4	Michael WITTUM	60	QWS	32.49
5	Colin STANFORD	60	NCB	32.60
6	Brian HUTCHINGS	63	NET	32.63
7	Derek MANDY	60	VDC	32.69
8	Donald LESLIE	61	QMM	32.83
9	Allan GREGSON	61	NLP	33.45
10	Colin CLIFF	63	NRT	33.62

60-64 100m Freestyle

Best TT	Bob BARRY		NWG	1m06.79
1	John MCDIARMID	63	QMM	1m09.70
2	Roy DREW	64	SNO	1m11.63
3	Brian HUTCHINGS	63	NET	1m11.87
4	John PUGH	60	TLC	1m11.97
5	Chris BELL	61	QTV	1m12.54
6	Derek MANDY	60	VDC	1m14.28
7	Conrad GLEESON	63	TLC	1m14.63
8	Donald LESLIE	61	QMM	1m15.68
9	Colin CLIFF	63	NRT	1m16.12
10	Colin STANFORD	60	NCB	1m17.44

60-64 200m Freestyle

Best TT	Bob BARRY		NWG	2m30.69
1	John PUGH	60	TLC	2m37.00
2	Chris BELL	61	QTV	2m37.03
3	Roy DREW	64	SNO	2m39.88
4	John MCDIARMID	63	QMM	2m40.84
5	Brian HUTCHINGS	63	NET	2m43.01
6	Colin CLIFF	63	NRT	2m51.06
7	Barrie EVES	62	WCM	2m52.05
8	Noel RYAN	60	VWB	2m55.27
9	Ivan WINGATE	60	SAT	2m56.22
10	William CAMBRIDGE	61	NSW	2m57.81

60-64 400m Freestyle

Best TT	John CRISP		QMM	5m18.67
1	John CRISP	63	QMM	5m33.05
2	John PUGH	60	TLC	5m36.11
3	John MCDIARMID	63	QMM	5m54.35
4	Colin CLIFF	63	NRT	6m14.01
5	Noel RYAN	60	VWB	6m17.39
6	Ivan WINGATE	60	SAT	6m19.58
7	William CAMBRIDGE	61	NSW	6m23.00
8	Peter LONG	60	NWG	6m30.79
9	Robert STEWART	61	NWS	6m32.31
10	Ron EDWARDS	63	WBB	6m36.24

60-64 800m Freestyle

Best TT	John CRISP		QMM	11m11.93
1	John PUGH	60	TLC	11m34.97
2	John CRISP	63	QMM	11m35.35
3	Colin CLIFF	63	NRT	12m56.31
4	Ivan WINGATE	60	SAT	13m10.34
5	Ron EDWARDS	63	WBB	13m18.72
6	Derek MANDY	60	VDC	13m42.78
7	Noel CRAIG	62	QSC	13m45.91
8	Robert STEWART	61	NWS	13m48.74

60-64 800m Freestyle Continued

9	John DEVEREAUX	61	WML	13m58.16
10	John MCQUEEN	60	NGS	14m09.25

60-64 1500m Freestyle

Best TT	Richard HARTLEY		WCR	21m43.00
1	John MCDIARMID	63	QMM	23m14.31
2	Colin CLIFF	63	NRT	24m41.44
3	Noel RYAN	60	VWB	24m53.87
4	Ivan WINGATE	60	SAT	25m06.05
5	William CAMBRIDGE	61	NSW	25m31.27
6	Robert STEWART	61	NWS	25m46.17
7	Derek MANDY	60	VDC	25m50.65
8	Ron EDWARDS	63	WBB	25m57.75
9	John DEVEREAUX	61	WML	26m31.32
10	Noel CRAIG	62	QSC	26m55.63

60-64 3000m Freestyle

Best TT	Richard HARTLEY		WCR	44m49.56
1	Colin CLIFF	63	NRT	51m03.16
2	Robert STEWART	61	NWS	57m46.63
3	Terry MCKIE	63	WMV	58m30.74
4	Brian GARVEY	61	VDC	59m59.13
5	Malcolm HEATH	63	NWS	63m19.00
6	Michael DOOLEY	63	QBN	92m17.77

60-64 5000m Freestyle

Best TT	John CRISP		QMM	78m05.17
1	Colin CLIFF	63	NRT	86m38.93
2	Michael DOOLEY	63	QBN	178m23.76

60-64 30MIN Freestyle

Best TT	Ron EDWARDS		WBB	1800m
	Noel RYAN		VWB	
1	Noel RYAN	60	VWB	1800m
2	Colin CLIFF	63	NRT	1750m
3	Robert STEWART	61	NWS	1700m
3	John DEVEREAUX	61	WML	1700m
5	Noel CRAIG	62	QSC	1650m
6	Brian GARVEY	61	VDC	1600m
7	Maxwell SAYER	61	NLC	1500m
8	Roy MILLIST	62	VDC	1450m
8	David MAGNUSSON	62	NLC	1450m
10	Glen BOORN	63	WIW	1425m

60-64 45MIN Freestyle

Best TT	Ronald COWLEY		NCT	2700m
1	Colin CLIFF	63	NRT	2650m
2	Noel RYAN	60	VWB	2575m
3	John DEVEREAUX	61	WML	2475m
4	Brian GARVEY	61	VDC	2400m
4	Noel CRAIG	62	QSC	2400m
6	Robert STEWART	61	NWS	2350m
7	Stanley BRANDWOOD	64	WSM	2025m
8	Michael DOOLEY	63	QBN	1800m
9	Duncan MCNEIL	60	CDW	1700m
10	Joe IOPPOLO	60	WBM	1600m

60-64 60MIN Freestyle

Best TT	Ricard HARTLEY		WCR	3950m
1	Colin CLIFF	63	NRT	3500m
2	Ron EDWARDS	63	WBB	3350m

60-64 60MIN Freestyle Continued

3	John DEVEREAUX	61	WML	3200m
4	Robert STEWART	61	NWS	3100m
4	Noel CRAIG	62	QSC	3100m
6	Terry MCKIE	63	WMV	3075m
7	Brian GARVEY	61	VDC	3000m
8	Malcolm HEATH	63	NWS	2850m
8	Raymond BURRIDGE	62	NGR	2850m
10	Stanley BRANDWOOD	64	WSM	2550m

60-64 50m Backstroke

Best TT	Bob BARRY		NWG	36.15
1	Michael WITTUM	60	QWS	38.26
2	John CRISP	63	QMM	40.60
3	Tony GOODWIN	61	NML	42.44
4	Brian DEANE	60	QMM	43.41
5	Robert HAYTER	60	NNS	43.81
6	Colin STANFORD	60	NCB	43.99
7	Raymond BURRIDGE	62	NGR	44.00
7	Allan GREGSON	61	NLP	44.00
9	Barrie EVES	62	WCM	44.02
10	Chris BELL	61	QTV	44.22

60-64 100m Backstroke

Best TT	Bob BARRY		NLS	1m18.92
1	Chris BELL	61	QTV	1m26.72
2	Tony GOODWIN	61	NML	1m32.73
3	John CRISP	63	QMM	1m35.13
4	Brian DEANE	60	QMM	1m35.22
5	John MARRIOTT	63	VMO	1m35.62
6	Raymond BURRIDGE	62	NGR	1m40.54
7	Geoff MCKENZIE	62	QSC	1m41.61
8	Peter JACKSON	60	NWG	1m42.75
9	Geoffrey PADDICK	60	WOP	1m44.26
10	Colin CLIFF	63	NRT	1m45.01

60-64 200m Backstroke

Best TT	Bob BARRY		NWG	2m50.20
1	Chris BELL	61	QTV	3m05.68
2	Brian DEANE	60	QMM	3m23.91
3	John CRISP	63	QMM	3m28.22
4	Barrie EVES	62	WCM	3m28.60
5	Geoff MCKENZIE	62	QSC	3m40.26
6	Raymond BURRIDGE	62	NGR	3m41.03
7	Colin CLIFF	63	NRT	3m44.96
8	Ivan WINGATE	60	SAT	3m45.75
9	Peter LONG	60	NWG	3m49.45
10	Tony GOODWIN	61	NML	3m51.73

60-64 400m Backstroke

Best TT	Bob BARRY		NLS	6m07.78
1	John CRISP	63	QMM	6m45.03
2	John PUGH	60	TLC	7m04.90
3	Geoff MCKENZIE	62	QSC	7m46.00
4	Tony HARKER	61	NNS	8m19.37
5	Noel CRAIG	62	QSC	8m21.49
6	Derek MANDY	60	VDC	8m26.18
7	Barry MILLS	63	QTT	8m42.38
8	Robert STEWART	61	NWS	8m50.02
9	Geoffrey PADDICK	60	WOP	8m51.86
10	Brian GARVEY	61	VDC	9m15.33

1998 NATIONAL TOP TEN - MALE LONG COURSE

60-64 800m Backstroke

Best TT	Bob BARRY		NLS	13m01.76
1	John PUGH	60	TLC	15m02.37
2	Geoff MCKENZIE	62	QSC	16m32.87
3	Raymond BURRIDGE	62	NGR	16m42.50
4	Noel CRAIG	62	QSC	17m25.31
5	Tony HARKER	61	NNS	17m32.44
6	Derek MANDY	60	VDC	17m35.21
7	Robert STEWART	61	NWS	18m22.09
8	Barry MILLS	63	QTT	18m35.50
9	Brian GARVEY	61	VDC	18m42.71
10	Noel RYAN	60	VWB	19m20.67

60-64 1500m Backstroke

Best TT	John CRISP		QMM	26m10.47
1	John CRISP	63	QMM	26m10.47
2	Raymond BURRIDGE	62	NGR	31m45.02
3	Geoff MCKENZIE	62	QSC	32m47.45
4	Tony HARKER	61	NNS	34m09.76
5	Brian GARVEY	61	VDC	35m41.17
6	Michael DOOLEY	63	QBN	41m25.33
7	Duncan MCNEIL	60	CDW	47m56.68

60-64 30MIN Backstroke

Best TT	Geoff MCKENZIE		QSC	1400m
1	Derek MANDY	60	VDC	1350m
1	Geoff MCKENZIE	62	QSC	1350m
3	Robert STEWART	61	NWS	1300m
3	Tony HARKER	61	NNS	1300m
5	Barry MILLS	63	QTT	1275m
6	Brian GARVEY	61	VDC	1250m
7	Noel RYAN	60	VWB	1200m
8	Michael DOOLEY	63	QBN	1150m
8	John DEVEREAUX	61	WML	1150m
10	Stanley BRANDWOOD	64	WSM	1075m

60-64 45MIN Backstroke

Best TT	Geoff MCKENZIE		QSC	2125m
1	Geoff MCKENZIE	62	QSC	2050m
2	Brian GARVEY	61	VDC	1875m
3	Michael DOOLEY	63	QBN	1650m

60-64 60MIN Backstroke

Best TT	Malcolm STEVENS		QTW	2900m
1	Robert STEWART	61	NWS	2600m
2	Brian GARVEY	61	VDC	2500m
3	Michael DOOLEY	63	QBN	2150m
4	Duncan MCNEIL	60	CDW	1875m

60-64 50m Breaststroke

Best TT	Dieter LOELIGER		SAM	39.72
1	Tony GOODWIN	61	NML	39.84
2	Harry BAHREND	61	VPP	41.13
3	Malcolm WILLIAMS	60	VDC	42.33
4	Adrian NEWBERRY	64	QGS	43.44
5	Donald LESLIE	61	QMM	43.90
6	Noel RYAN	60	VWB	44.56
7	Brian DEANE	60	QMM	45.15
8	Robert STEWART	61	NWS	45.72
9	Roy SWAN	61	NCR	46.05
10	Ted PULLER	60	QMM	46.27

60-64 100m Breaststroke

Best TT	Dieter LOELIGER		SAM	1m26.49
1	Tony GOODWIN	61	NML	1m29.66
2	Harry BAHREND	61	VPP	1m36.43
3	Adrian NEWBERRY	64	QGS	1m37.22
4	Donald LESLIE	61	QMM	1m40.82
5	Peter JACKSON	60	NWG	1m43.15
6	Ivan WINGATE	60	SAT	1m43.93
7	Keith David JONES	62	WFR	1m46.73
8	Malcolm WILLIAMS	60	VDC	1m48.78
9	Brian DEANE	60	QMM	1m50.18
10	Bruce SEEWITZ	63	VKF	1m52.00

60-64 200m Breaststroke

Best TT	Dieter LOELIGER		SAM	3m06.65
1	Tony GOODWIN	61	NML	3m16.19
2	Ivan WINGATE	60	SAT	3m40.74
3	Harry BAHREND	61	VPP	3m41.19
4	Adrian NEWBERRY	64	QGS	3m42.69
5	Peter JACKSON	60	NWG	3m43.09
6	Donald LESLIE	61	QMM	3m49.90
7	Malcolm WILLIAMS	60	VDC	3m51.99
8	Alan CAMERON	61	NML	4m03.76
9	Noel RYAN	60	VWB	4m08.22
10	John PAGETT	62	STT	4m08.25

60-64 400m Breaststroke

Best TT	Tony GOODWIN		NML	7m05.10
1	Tony GOODWIN	61	NML	7m05.10
2	Malcolm WILLIAMS	60	VDC	7m52.26
3	Adrian NEWBERRY	64	QGS	8m05.93
4	Ivan WINGATE	60	SAT	8m08.99
5	Noel RYAN	60	VWB	8m34.19
6	Robert STEWART	61	NWS	8m59.94
7	Brian GARVEY	61	VDC	9m08.39
8	John DEVEREAUX	61	WML	9m31.19
9	Tony HARKER	61	NNS	9m35.75
10	Glen BOORN	63	WIW	9m37.36

60-64 800m Breaststroke

Best TT	Tony GOODWIN		NML	14m26.40
1	Tony GOODWIN	61	NML	14m26.40
2	Ivan WINGATE	60	SAT	16m30.99
3	Noel RYAN	60	VWB	17m16.56
4	Brian GARVEY	61	VDC	18m42.96
5	Robert STEWART	61	NWS	19m00.91
6	Tony HARKER	61	NNS	19m22.20
7	David MAGNUSSON	62	NLC	19m23.43
8	John DEVEREAUX	61	WML	19m33.41
9	Glen BOORN	63	WIW	20m41.35
10	Neil DAVIES	60	CDW	21m45.70

60-64 1500m Breaststroke

Best TT	Tony GOODWIN		NML	28m18.88
1	Tony GOODWIN	61	NML	28m44.10
2	Noel RYAN	60	VWB	32m40.01
3	Adrian NEWBERRY	64	QGS	33m23.18
4	Brian DEANE	60	QMM	33m48.90
5	Brian GARVEY	61	VDC	35m35.82
6	Robert STEWART	61	NWS	36m30.98
7	Tony HARKER	61	NNS	37m52.99
8	Duncan MCNEIL	60	CDW	47m43.39

60-64 1500m Breaststroke Continued

9	Michael DOOLEY	63	QBN	64m46.02

60-64 30MIN Breaststroke

Best TT	Tony GOODWIN		NML	1550m
1	Tony GOODWIN	61	NML	1550m
2	Noel RYAN	60	VWB	1375m
3	Brian GARVEY	61	VDC	1250m
4	Robert STEWART	61	NWS	1200m
4	John DEVEREAUX	61	WML	1200m
6	Tony HARKER	61	NNS	1150m
6	Glen BOORN	63	WIW	1150m
8	Malcolm HEATH	63	NWS	1050m
9	Neil DAVIES	60	CDW	1025m
10	Duncan MCNEIL	60	CDW	925m

60-64 45MIN Breaststroke

Best TT	Tony GOODWIN		NML	2350m
1	Tony GOODWIN	61	NML	2350m
2	Noel RYAN	60	VWB	2000m
3	Brian GARVEY	61	VDC	1900m
4	Tony HARKER	61	NNS	1650m
5	Duncan MCNEIL	60	CDW	1375m
6	Michael DOOLEY	63	QBN	1100m

60-64 60MIN Breaststroke

Best TT	Tony GOODWIN		NML	3150m
1	Tony GOODWIN	61	NML	3100m
2	Brian GARVEY	61	VDC	2450m
3	Robert STEWART	61	NWS	2400m
4	Tony HARKER	61	NNS	2200m
5	Duncan MCNEIL	60	CDW	1975m
6	Michael DOOLEY	63	QBN	1500m

60-64 50m Butterfly

Best TT	John CRISP		QMM	33.22
1	John CRISP	63	QMM	34.39
2	John PUGH	60	TLC	34.63
3	John MCDIARMID	63	QMM	35.66
4	Michael WITTUM	60	QWS	36.19
5	George CEVALLOS	61	ACN	37.77
6	Chris BELL	61	QTV	38.05
7	Tony GOODWIN	61	NML	38.35
8	Allan GREGSON	61	NLP	39.54
9	Roy DREW	64	SNO	39.92
10	Edward MARTIN	60	NLS	40.98

60-64 100m Butterfly

Best TT	John CRISP		QMM	1m22.36
1	John PUGH	60	TLC	1m24.65
2	John CRISP	63	QMM	1m29.68
3	Ivan WINGATE	60	SAT	1m38.81
4	Derek MANDY	60	VDC	1m40.97
5	Chris BELL	61	QTV	1m41.28
6	Barrie EVES	62	WCM	1m47.77
7	Brian DEANE	60	QMM	1m47.88
8	Brian GARVEY	61	VDC	1m53.48
9	Raymond BURRIDGE	62	NGR	2m00.12
10	Bruce HOCKING	61	VNL	2m00.45

60-64 200m Butterfly

Best TT	John CRISP		QMM	3m18.42
1	Ivan WINGATE	60	SAT	3m36.22
2	Derek MANDY	60	VDC	4m21.29
3	Brian GARVEY	61	VDC	4m52.14
4	Bruce HOCKING	61	VNL	4m53.49
5	Tony HARKER	61	NNS	5m24.12
6	Malcolm HEATH	63	NWS	5m51.90

60-64 400m Butterfly

Best TT	John CRISP		QMM	8m24.95
1	Duncan MCNEIL	60	CDW	15m07.34

60-64 800m Butterfly

Best TT	John CRISP		QMM	17m41.58

60-64 200m Ind. Medley

Best TT	Dieter LOELIGER		SAM	2m55.36
1	Chris BELL	61	QTV	3m04.30
2	John PUGH	60	TLC	3m08.50
3	Ivan WINGATE	60	SAT	3m22.24
4	Barrie EVES	62	WCM	3m29.55
5	Brian DEANE	60	QMM	3m31.86
6	Brian HUTCHINGS	63	NET	3m37.62
7	Brian GARVEY	61	VDC	3m48.45
8	John TABBERNAL	62	SNO	3m51.47
9	Leslie STEWART	62	WWC	3m53.16
10	Brian ELLISON	61	NCR	3m57.44

60-64 400m Ind. Medley

Best TT	Dieter LOELIGER		SAM	6m20.09
1	Chris BELL	61	QTV	6m35.10
2	John PUGH	60	TLC	6m48.29
3	Ivan WINGATE	60	SAT	7m13.45
4	Brian DEANE	60	QMM	7m42.33
5	Brian GARVEY	61	VDC	8m17.04
6	Noel CRAIG	62	QSC	8m18.59
7	Tony HARKER	61	NNS	9m12.92
8	Malcolm HEATH	63	NWS	9m39.52
9	Duncan MCNEIL	60	CDW	11m53.68
10	Neil DAVIES	60	CDW	12m29.43

60-64 800m Ind. Medley

Best TT	Chris BELL		QTV	14m18.60
1	Derek MANDY	60	VDC	16m35.96
2	Brian GARVEY	61	VDC	18m35.33
3	Tony HARKER	61	NNS	20m15.65
4	Malcolm HEATH	63	NWS	22m20.00
5	Duncan MCNEIL	60	CDW	24m43.62

****

*****

**

65-69 50m Freestyle

Best TT	Jack BROWNJOHN		NET	29.80
1	Jim WILSON	65	NCB	32.70
2	Gordon MEDCALF	69	WML	33.74
3	Peter PONTEFRACT	68	NSH	33.97
4	Geoff ROSS	67	QMM	34.22
5	William WEYMER	68	NGF	34.38
6	Tony STANTON	68	WAB	34.68
7	Mick HALL	65	NGL	35.12
8	David LAWLER	69	NML	35.20
9	Ken BULLOCK	69	QSC	35.28
10	Joseph THOMSON	66	WRK	35.29

65-69 100m Freestyle

Best TT	Bob BARRY		NLS	1m08.22
1	Bob BARRY	67	NLS	1m11.72
2	Jim WILSON	65	NCB	1m18.09
3	David LAWLER	69	NML	1m18.91
4	William WEYMER	68	NGF	1m19.69
5	Evan JONES	66	WOP	1m19.81
6	Tony STANTON	68	WAB	1m20.78
7	Kenneth KRAMER	66	NCH	1m21.82
8	John GARDE	66	QSM	1m22.07
9	Donald TIERNEY	69	NCB	1m23.36
10	George MAINA	69	QTT	1m23.58

65-69 200m Freestyle

Best TT	Bob BARRY		NLS	2m31.59
1	Bob BARRY	67	NLS	2m40.99
2	David LAWLER	69	NML	2m54.27
3	Evan JONES	66	WOP	3m02.94
4	Donald TIERNEY	69	NCB	3m02.97
5	John GARDE	66	QSM	3m04.81
6	Tony STANTON	68	WAB	3m07.32
7	Kenneth KRAMER	66	NCH	3m13.79
8	George MAINA	69	QTT	3m15.29
9	Peter PONTEFRACT	68	NSH	3m18.94
10	Geoff LANDER	65	QSC	3m20.04

65-69 400m Freestyle

Best TT	Bob BARRY		NLS	5m28.42
1	David LAWLER	69	NML	6m17.15
2	Donald TIERNEY	69	NCB	6m24.90
3	George MAINA	69	QTT	6m40.44
4	John GARDE	66	QSM	6m43.87
5	Tony STANTON	68	WAB	6m47.61
6	Kenneth KRAMER	66	NCH	6m57.02
7	Joe GILBERT	69	QSC	7m15.23
8	Geoff LANDER	65	QSC	7m17.15
9	Hank MARKUS	67	QMM	7m22.25
10	Vince HONEY	68	QTT	7m24.55

65-69 800m Freestyle

Best TT	Richard HARTLEY		WCR	11m35.97
1	George MAINA	69	QTT	14m12.81
2	Evan JONES	66	WOP	14m29.88
3	Joe GILBERT	69	QSC	15m17.33
4	Peter LOVE	67	VFR	15m33.37
5	Geoff LANDER	65	QSC	15m35.62
6	Vince HONEY	68	QTT	15m38.33
7	Eugen BIZJAK	66	TLC	15m58.83
8	Bevil PURNELL	68	ACN	16m13.17

65-69 800m Freestyle Continued

9	David EDWARDS	66	NML	16m16.88
10	Bill DOUGHERTY	69	NGR	16m42.26

65-69 1500m Freestyle

Best TT	Richard HARTLEY		WCR	23m05.55
1	John GARDE	66	QSM	27m16.24
2	Evan JONES	66	WOP	29m09.91
3	Peter LOVE	67	VFR	29m18.41
4	Geoff LANDER	65	QSC	29m44.79
5	Joe GILBERT	69	QSC	29m58.19
6	Noel PETERS	67	NWG	30m36.72
7	Bevil PURNELL	68	ACN	31m26.45
8	David EDWARDS	66	NML	31m45.05
9	Bill DOUGHERTY	69	NGR	31m45.17
10	Ronald NUTT	68	WML	32m28.28

65-69 3000m Freestyle

Best TT	Richard HARTLEY		WCR	45m31.98
1	Bevil PURNELL	68	ACN	71m51.86

65-69 5000m Freestyle

Best TT	Stan JACOBS		QSM	87m12.99

65-69 30MIN Freestyle

Best TT	Richard HARTLEY		WCR	1900m
1	Ronald COWLEY	65	NCT	1550m
2	Geoff LANDER	65	QSC	1500m
2	Joe GILBERT	69	QSC	1500m
4	David EDWARDS	66	NML	1450m
5	Bevil PURNELL	68	ACN	1425m
6	Albert LAURENDET	66	NCS	1250m
7	Jack CAIRNS	69	ACN	1225m
8	David ABRAHAMS	68	NGR	1200m
8	Brian KENNEDY	65	WBB	1200m
10	Kurt SINGER	65	NLC	1150m

65-69 45MIN Freestyle

Best TT	Royce JACKSON		QTT	2500m
	Donald TIERNEY		NCB	
1	Bevil PURNELL	68	ACN	2075m
1	Gordon MEDCALF	69	WML	2075m
3	Bob MCCAUSLAND	69	QMK	2050m
4	Joe GILBERT	69	QSC	2000m
5	Albert LAURENDET	66	NCS	1950m
6	David ABRAHAMS	68	NGR	1800m
7	Neil STENHOUSE	67	NCS	1650m
8	Trevor SUTTON	68	WSU	1475m

65-69 60MIN Freestyle

Best TT	Royce JACKSON		QTT	3450m
1	Peter LOVE	67	VFR	2975m
2	Bill DOUGHERTY	69	NGR	2850m
3	Alan WALKER	67	CDW	2700m
4	Joe GILBERT	69	QSC	2650m
5	Bevil PURNELL	68	ACN	2575m
6	Neil STENHOUSE	67	NCS	2450m
6	David ABRAHAMS	68	NGR	2450m
8	Charles BALDWIN	69	VNA	2275m
9	Trevor SUTTON	68	WSU	2050m

1998 NATIONAL TOP TEN - MALE LONG COURSE

65-69 50m Backstroke

Best TT	Bob BARRY		NLS	36.73
1	Bob BARRY	67	NLS	41.36
2	Evan JONES	66	WOP	42.60
3	Patrick GALVIN	65	QWS	42.76
4	Geoff ROSS	67	QMM	43.99
5	Allan DUFTY	69	NET	44.34
6	Alan WALKER	67	CDW	44.36
7	Peter PONTEFRACT	68	NSH	44.59
8	Mick HALL	65	NGL	45.34
9	Gordon MEDCALF	69	WML	45.79
10	William WEYMER	68	NGF	45.89

65-69 100m Backstroke

Best TT	Bob BARRY		NLS	1m20.62
1	Bob BARRY	67	NLS	1m28.25
2	Dieter LOELIGER	65	SAM	1m33.19
3	Evan JONES	66	WOP	1m37.61
4	Geoff ROSS	67	QMM	1m44.67
5	Alan WALKER	67	CDW	1m46.58
6	Barry BARKER	66	NML	1m46.75
7	Mick HALL	65	NGL	1m47.10
8	John WARD	66	WML	1m48.39
9	Arno KLINGENBERG	67	NML	1m49.24
10	John GARDE	66	QSM	1m53.02

65-69 200m Backstroke

Best TT	Bob BARRY		NLS	2m57.01
1	Bob BARRY	67	NLS	3m07.27
2	Gus SCHUSSLER	66	WAB	3m48.16
3	Geoff ROSS	67	QMM	3m49.67
4	Mick HALL	65	NGL	3m56.91
5	John WARD	66	WML	3m57.05
6	Barry BARKER	66	NML	3m57.09
7	Don COUPE	69	VGP	3m58.41
8	John BROWN	67	VSS	3m59.42
9	Fred ELSOM	68	NET	4m00.64
10	Arno KLINGENBERG	67	NML	4m01.40

65-69 400m Backstroke

Best TT	Bob BARRY		NLS	6m32.62
1	Don COUPE	69	VGP	8m20.67
2	Geoff LANDER	65	QSC	8m34.34
3	Gus SCHUSSLER	66	WAB	8m37.21
4	Joe GILBERT	69	QSC	8m47.13
5	Gordon MEDCALF	69	WML	8m47.76
6	Ken BOARDMAN	67	QSM	8m51.77
7	George MAINA	69	QTT	9m02.80
8	Jack CAIRNS	69	ACN	9m07.09
9	David FORSYTH	66	QMK	9m22.20
10	Bevil PURNELL	68	ACN	9m34.07

65-69 800m Backstroke

Best TT	Bob BARRY		NLS	13m32.56
1	Bob BARRY	67	NLS	13m32.56
2	Don COUPE	69	VGP	16m55.62
3	George MAINA	69	QTT	18m14.70
4	Jack CAIRNS	69	ACN	18m44.04
5	Bevil PURNELL	68	ACN	19m45.18
6	Gerry WAUGH	69	TTL	20m49.82
7	Eugen BIZJAK	66	TLC	21m52.27
8	David ABRAHAMS	68	NGR	23m14.70

65-69 800m Backstroke Continued

9	Trevor SUTTON	68	WSU	34m17.91

65-69 1500m Backstroke

Best TT	Bob BARRY		NLS	25m34.59
1	Bob BARRY	67	NLS	25m34.59
2	Geoff ROSS	67	QMM	34m32.01
3	Jack CAIRNS	69	ACN	36m07.43
4	Bevil PURNELL	68	ACN	38m02.64

65-69 30MIN Backstroke

Best TT	Kenneth GALLAGHER		WIW	1350m
1	Jack CAIRNS	69	ACN	1275m
2	Bevil PURNELL	68	ACN	1175m
3	Trevor SUTTON	68	WSU	675m

65-69 45MIN Backstroke

Best TT	Gordon MORRIS		WOP	2025m
1	Bevil PURNELL	68	ACN	1725m
2	Trevor SUTTON	68	WSU	925m

65-69 60MIN Backstroke

Best TT	Rod COOPER		WSM	2850m
1	Bevil PURNELL	68	ACN	2250m
2	Trevor SUTTON	68	WSU	1100m

65-69 50m Breaststroke

Best TT	Patrick GALVIN		QWS	40.76
1	Patrick GALVIN	65	QWS	40.76
2	Dieter LOELIGER	65	SAM	41.31
3	Allan DUFTY	69	NET	43.77
4	Gus SCHUSSLER	66	WAB	44.25
5	William WEYMER	68	NGF	44.43
6	Don COUPE	69	VGP	45.51
7	Fred ELSOM	68	NET	45.60
8	Brian NORRIS	66	QGS	46.59
9	Ken BULLOCK	69	QSC	46.96
10	Mal ZIMPERMAN	66	VDC	46.99

65-69 100m Breaststroke

Best TT	Dieter LOELIGER		SAM	1m34.07
1	Dieter LOELIGER	65	SAM	1m34.07
2	Patrick GALVIN	65	QWS	1m34.18
3	Gus SCHUSSLER	66	WAB	1m38.74
4	Allan DUFTY	69	NET	1m42.46
5	Mal ZIMPERMAN	66	VDC	1m49.60
6	Brian NORRIS	66	QGS	1m50.16
7	Arno KLINGENBERG	67	NML	1m53.50
8	Ken BULLOCK	69	QSC	1m54.25
9	Fred ELSOM	68	NET	1m57.33
10	Kit SIMONS	65	SAM	1m57.79

65-69 200m Breaststroke

Best TT	Dieter LOELIGER		SAM	3m21.15
1	Dieter LOELIGER	65	SAM	3m21.15
2	Patrick GALVIN	65	QWS	3m33.82
3	Gus SCHUSSLER	66	WAB	3m34.15
4	David HAYNES	65	QTT	3m43.63
5	Mal ZIMPERMAN	66	VDC	4m05.93
6	Brian NORRIS	66	QGS	4m06.18
7	Hank MARKUS	67	QMM	4m11.70
8	Arno KLINGENBERG	67	NML	4m12.02

65-69 200m Breaststroke Continued

9	William MALCOLM	66	VNL	4m13.09
10	Fred ELSOM	68	NET	4m18.17

65-69 400m Breaststroke

Best TT	Gus SCHUSSLER		WAB	7m29.99
1	Gus SCHUSSLER	66	WAB	7m29.99
2	Patrick GALVIN	65	QWS	7m48.61
3	David HAYNES	65	QTT	8m07.92
4	Bevil PURNELL	68	ACN	9m18.68
5	Geoff LANDER	65	QSC	9m47.39
6	Vince HONEY	68	QTT	10m01.48
7	Joe GILBERT	69	QSC	10m02.81
8	Albert LAURENDET	66	NCS	10m09.87
9	Bob MCCAUSLAND	69	QMK	10m18.93
10	Hans HORNSCHEIDT	65	WIW	10m38.56

65-69 800m Breaststroke

Best TT	Gus SCHUSSLER		WAB	16m06.08
1	Gus SCHUSSLER	66	WAB	16m06.08
2	David HAYNES	65	QTT	17m12.96
3	Bevil PURNELL	68	ACN	19m06.92
4	Albert LAURENDET	66	NCS	20m16.71
5	Hans HORNSCHEIDT	65	WIW	21m18.05
6	Bob MCCAUSLAND	69	QMK	21m21.40
7	Gerry WAUGH	69	TTL	22m00.67
8	Jack CAIRNS	69	ACN	22m52.03
9	Norm FRANCIS	66	WBM	24m20.12
10	David ABRAHAMS	68	NGR	24m22.63

65-69 1500m Breaststroke

Best TT	Patrick GALVIN		QWS	30m26.53
1	Patrick GALVIN	65	QWS	30m26.53
2	David HAYNES	65	QTT	33m14.40
3	Bevil PURNELL	68	ACN	36m07.43
4	Bob MCCAUSLAND	69	QMK	39m16.17
5	Jack CAIRNS	69	ACN	45m23.97

65-69 30MIN Breaststroke

Best TT	Kenneth GALLAGHER		WIW	1300m
1	Bevil PURNELL	68	ACN	1225m
2	Hans HORNSCHEIDT	65	WIW	1125m
3	Albert LAURENDET	66	NCS	1100m
4	Jack CAIRNS	69	ACN	1050m
5	Trevor SUTTON	68	WSU	625m

65-69 45MIN Breaststroke

Best TT	Gordon MORRIS		WOP	1875m
	Kenneth GALLAGHER		WIW	
1	Bevil PURNELL	68	ACN	1775m
2	Bob MCCAUSLAND	69	QMK	1600m
3	Jack CAIRNS	69	ACN	1475m
4	Trevor SUTTON	68	WSU	1075m

65-69 60MIN Breaststroke

Best TT	Derrick SPENCER		SRY	2600m
1	Bevil PURNELL	68	ACN	2250m
2	Bob MCCAUSLAND	69	QMK	2200m
3	Trevor SUTTON	68	WSU	1125m

65-69 50m Butterfly

Best TT	Jack BROWNJOHN		NET	37.45
1	Allan DUFTY	69	NET	37.48
2	Patrick GALVIN	65	QWS	40.27
3	Carlos ASSUMPCAO	66	SAM	43.08
4	Paul GOENER	67	QMB	44.28
5	Noel PETERS	67	NWG	44.38
6	Geoff ROSS	67	QMM	45.34
7	Hank MARKUS	67	QMM	46.38
8	David HAYNES	65	QTT	46.75
9	John HANCOCK	65	WOP	47.83
10	Peter BOYLE	65	VEM	47.85

65-69 100m Butterfly

Best TT	Allan DUFTY		NET	1m32.31
1	Allan DUFTY	69	NET	1m40.81
2	David HAYNES	65	QTT	1m41.09
3	Patrick GALVIN	65	QWS	1m41.25
4	Don COUPE	69	VGP	1m43.57
5	Paul GOENER	67	QMB	1m46.43
6	Hank MARKUS	67	QMM	1m58.02
7	Carlos ASSUMPCAO	66	SAM	2m00.46
8	John HANCOCK	65	WOP	2m02.94
9	John DAVEY	66	VSS	2m19.36
10	Roy CLEE	65	VNL	2m23.44

65-69 200m Butterfly

Best TT	Allan DUFTY		NET	3m55.53
1	Allan DUFTY	69	NET	3m55.53
2	David HAYNES	65	QTT	4m01.18
3	Carlos ASSUMPCAO	66	SAM	4m34.82
4	Tony STANTON	68	WAB	4m58.73

65-69 400m Butterfly

Best TT	Bob MCCABE		VNL	8m36.07

65-69 800m Butterfly

Best TT	Doug JEFFREY		WCM	18m23.15

65-69 200m Ind. Medley

Best TT	Bob BARRY		NLS	2m58.58
1	Dieter LOELIGER	65	SAM	3m05.05
2	David HAYNES	65	QTT	3m33.49
3	Peter BOYLE	65	VEM	3m56.48
4	Hank MARKUS	67	QMM	3m56.63
5	Evan JONES	66	WOP	3m57.87
6	William MALCOLM	66	VNL	4m01.34
7	John BROWN	67	VSS	4m02.47
8	Noel PETERS	67	NWG	4m03.95
9	Fred ELSOM	68	NET	4m07.24
10	Carlos ASSUMPCAO	66	SAM	4m07.93

65-69 400m Ind. Medley

Best TT	Bob BARRY		NLS	6m39.02
1	Dieter LOELIGER	65	SAM	6m44.98
2	David HAYNES	65	QTT	7m48.85
3	Carlos ASSUMPCAO	66	SAM	8m45.53
4	Hank MARKUS	67	QMM	9m03.76
5	Bevil PURNELL	68	ACN	10m14.86

65-69 800m Ind. Medley

Best TT	David HAYNES		QTT	17m42.05
1	David HAYNES	65	QTT	17m42.05

****
*****
**

70-74 50m Freestyle

Best TT	Denis JOY		NWC	32.27
1	Rodney BAKER	70	WMH	32.78
2	John COLES	72	STT	34.31
3	Richard HARTLEY	72	WCR	34.55
4	John ASHLEY	70	QMM	35.08
5	Derrek ADAMS	71	VBA	35.87
6	Len HASKINS	72	QMM	37.13
7	Max GILLESPIE	70	QSM	37.29
8	A. EARNSHAW	71	WSU	38.16
9	Royce JACKSON	74	QTT	38.42
10	Noel PRICE	70	QCN	38.87

70-74 100m Freestyle

Best TT	Kevin VICKERY		NET	1m14.90
1	Richard HARTLEY	72	WCR	1m18.58
2	John ASHLEY	70	QMM	1m23.93
3	Len HASKINS	72	QMM	1m24.10
4	John COLES	72	STT	1m24.43
5	Royce JACKSON	74	QTT	1m24.94
6	Stan JACOBS	70	QSM	1m28.53
7	Max GILLESPIE	70	QSM	1m31.28
8	Malcolm STEVENS	71	QTW	1m32.41
9	Perc EDWARDS	73	WCM	1m32.42
10	John WHYTE	70	WOP	1m32.78

70-74 200m Freestyle

Best TT	Richard HARTLEY		WCR	2m48.35
1	Richard HARTLEY	72	WCR	3m00.90
2	Royce JACKSON	74	QTT	3m09.70
3	Stan JACOBS	70	QSM	3m10.02
4	Len HASKINS	72	QMM	3m12.06
5	Perc EDWARDS	73	WCM	3m19.47
6	John COLES	72	STT	3m30.00
7	Edward DONOVAN	71	VNL	3m34.74
8	Peter BOURJAU	71	THB	3m35.32
9	Bill TRIGG	71	CDW	3m44.53
10	A. EARNSHAW	71	WSU	3m47.13

70-74 400m Freestyle

Best TT	Richard HARTLEY		WCR	5m57.00
1	Richard HARTLEY	72	WCR	6m23.96
2	Len HASKINS	72	QMM	6m43.01
3	Stan JACOBS	70	QSM	6m44.97
4	Royce JACKSON	74	QTT	6m45.93
5	Perc EDWARDS	73	WCM	7m04.21
6	Malcolm STEVENS	71	QTW	7m21.00
7	Edward DONOVAN	71	VNL	7m34.02
8	Peter BOURJAU	71	THB	7m41.90
9	Jim NIMMO	74	QCN	7m42.69
10	A. EARNSHAW	71	WSU	8m17.15

70-74 800m Freestyle

Best TT	Richard HARTLEY		WCR	12m29.49
1	Royce JACKSON	74	QTT	13m50.64
2	Stan JACOBS	70	QSM	14m02.47
3	Perc EDWARDS	73	WCM	14m42.54
4	Malcolm STEVENS	71	QTW	14m43.60
5	Peter BOURJAU	71	THB	16m01.83
6	Bill LAMBE	73	WSM	17m18.80
7	A. EARNSHAW	71	WSU	17m32.84
8	George STEWART	73	NWS	18m56.08

70-74 800m Freestyle Continued

9	Kenneth CHRISTIE	70	NSG	19m24.28
10	Ray HARDING	73	WSM	19m39.78

70-74 1500m Freestyle

Best TT	Richard HARTLEY		WCR	23m13.68
1	Royce JACKSON	74	QTT	26m46.71
2	Malcolm STEVENS	71	QTW	27m38.07
3	Stan JACOBS	70	QSM	27m43.50
4	Len HASKINS	72	QMM	28m04.29
5	Perc EDWARDS	73	WCM	28m08.38
6	Bill TRIGG	71	CDW	30m17.61
7	Bill LAMBE	73	WSM	34m07.18
8	Kenneth CHRISTIE	70	NSG	36m53.78
9	Jack MCMAHON	70	NLC	38m16.50
10	Ray HARDING	73	WSM	38m29.74

70-74 3000m Freestyle

Best TT	Richard HARTLEY		WCR	47m05.00
1	Perc EDWARDS	73	WCM	58m31.56
2	Bill LAMBE	73	WSM	72m36.28

70-74 5000m Freestyle

Best TT	Stephen WILKES		QBN	94m51.19

70-74 30MIN Freestyle

Best TT	Richard HARTLEY		WCR	1900m
1	Perc EDWARDS	73	WCM	1550m
2	Malcolm STEVENS	71	QTW	1525m
3	Bill LAMBE	73	WSM	1375m
4	Ray HARDING	73	WSM	1175m
5	John NOTLEY	71	NLC	1150m
6	Les YOUNG	72	THB	1050m
6	Guy DAVIES	71	WSM	1050m
6	Eric MCLEOD	72	WBM	1050m
6	Robert HARDWICK	73	WCR	1050m
10	Charles KEVIN	71	QSC	1000m

70-74 45MIN Freestyle

Best TT	Richard HARTLEY		WCR	2850m
1	Malcolm STEVENS	71	QTW	2275m
2	Perc EDWARDS	73	WCM	2225m
3	Bill LAMBE	73	WSM	1950m
4	Ray HARDING	73	WSM	1725m
5	Robert HARDWICK	73	WCR	1525m
6	Charles KEVIN	71	QSC	1475m
6	Austin BAPTIST	72	QSC	1475m
8	Bill CHAPMAN	74	WSM	1225m

70-74 60MIN Freestyle

Best TT	Richard HARTLEY		WCR	3750m
1	Royce JACKSON	74	QTT	3175m
2	Perc EDWARDS	73	WCM	3075m
3	Malcolm STEVENS	71	QTW	3000m
4	Bill LAMBE	73	WSM	2500m
5	Ray HARDING	73	WSM	2200m
6	Robert HARDWICK	73	WCR	2025m
7	Charles KEVIN	71	QSC	1975m
8	Guy DAVIES	71	WSM	1875m

70-74 50m Backstroke

Best TT	Doug JEFFREY		WCM	41.31
1	Robert HAMILTON	70	NPM	43.52
2	Rodney BAKER	70	WMH	45.17
3	Malcolm STEVENS	71	QTW	45.25
4	John COLES	72	STT	47.52
5	Leslie NELSON	70	NCB	49.00
6	Richard HARTLEY	72	WCR	49.24
7	Bill LAMBE	73	WSM	49.94
8	Derrek ADAMS	71	VBA	50.66
9	David MORTLOCK	71	ATN	51.12
10	Jim NIMMO	74	QCN	51.13

70-74 100m Backstroke

Best TT	Doug JEFFREY		WCM	1m34.37
1	Malcolm STEVENS	71	QTW	1m40.48
2	Robert HAMILTON	70	NPM	1m45.38
3	Bill TRIGG	71	CDW	1m53.51
4	John COLES	72	STT	2m00.79
5	Perc EDWARDS	73	WCM	2m01.98
6	John ASHLEY	70	QMM	2m03.33
7	Bill LAMBE	73	WSM	2m03.94
8	Donald REDPATH	71	SAT	2m10.19
9	Russell PHILPOT	72	NET	2m10.73
10	John NOTLEY	71	NLC	2m12.90

70-74 200m Backstroke

Best TT	Jamie JENKINS		NML	3m26.79
1	Malcolm STEVENS	71	QTW	3m37.46
2	Robert HAMILTON	70	NPM	4m04.69
3	Perc EDWARDS	73	WCM	4m17.32
4	George STEWART	73	NWS	4m22.59
5	John SHERIDAN	73	NWG	4m25.94
6	John ASHLEY	70	QMM	4m34.76
7	Bill LAMBE	73	WSM	4m37.99
8	John NOTLEY	71	NLC	4m50.60
9	Russell PHILPOT	72	NET	4m51.06
10	Ronald HOPKINS	72	NWS	4m55.79

70-74 400m Backstroke

Best TT	Doug JEFFREY		WCM	7m25.52
1	Malcolm STEVENS	71	QTW	7m32.29
2	Perc EDWARDS	73	WCM	9m22.72
3	George STEWART	73	NWS	9m29.61
4	Bill LAMBE	73	WSM	9m38.22
5	Royce JACKSON	74	QTT	9m44.68
6	Peter BOURJAU	71	THB	9m51.68
7	Ronald HOPKINS	72	NWS	10m02.92
8	Charles KEVIN	71	QSC	10m15.35
9	William MILDREN	74	SAO	10m17.41
10	Austin BAPTIST	72	QSC	10m24.89

70-74 800m Backstroke

Best TT	Doug JEFFREY		WCM	15m45.55
1	Malcolm STEVENS	71	QTW	17m13.24
2	Perc EDWARDS	73	WCM	18m42.75
3	Bill LAMBE	73	WSM	19m12.10
4	George STEWART	73	NWS	19m45.11
5	Ronald HOPKINS	72	NWS	20m01.22
6	Charles KEVIN	71	QSC	20m59.79
7	William MILDREN	74	SAO	21m38.92
8	Guy DAVIES	71	WSM	22m02.02

1998 NATIONAL TOP TEN - MALE LONG COURSE

70-74 800m Backstroke Continued

9	Ray HARDING	73	WSM	22m17.31
10	Bill CHAPMAN	74	WSM	26m49.32

70-74 1500m Backstroke

Best TT	Doug JEFFREY		WCM	29m43.47
1	Malcolm STEVENS	71	QTW	31m05.31
2	George STEWART	73	NWS	37m33.05
3	Perc EDWARDS	73	WCM	37m55.62
4	Bill LAMBE	73	WSM	38m46.35
5	Charles KEVIN	71	QSC	42m34.39
6	Ray HARDING	73	WSM	44m54.36
7	Rudi ROEHRS	72	QWS	50m48.79
8	Bill CHAPMAN	74	WSM	52m52.13

70-74 30MIN Backstroke

Best TT	Ron COOPER		WSM	1375m
1	Perc EDWARDS	73	WCM	1200m
2	George STEWART	73	NWS	1150m
3	Charles KEVIN	71	QSC	1125m
3	Bill LAMBE	73	WSM	1125m
5	Guy DAVIES	71	WSM	1050m
6	Ray HARDING	73	WSM	1000m
7	Robert HARDWICK	73	WCR	925m
8	Bill CHAPMAN	74	WSM	850m

70-74 45MIN Backstroke

Best TT	Malcolm STEVENS		QTW	2275m
1	Malcolm STEVENS	71	QTW	2275m
2	Perc EDWARDS	73	WCM	1825m
3	George STEWART	73	NWS	1750m
4	Bill LAMBE	73	WSM	1725m
5	Charles KEVIN	71	QSC	1525m
6	Ray HARDING	73	WSM	1500m
7	Bill CHAPMAN	74	WSM	1275m

70-74 60MIN Backstroke

Best TT	Doug JEFFREY		WCM	2925m
1	Perc EDWARDS	73	WCM	2600m
2	George STEWART	73	NWS	2350m
3	Bill LAMBE	73	WSM	2250m
4	Charles KEVIN	71	QSC	2100m
5	Ray HARDING	73	WSM	1725m
6	Bill CHAPMAN	74	WSM	1575m

70-74 50m Breaststroke

Best TT	Bob MCCABE		VNL	45.69
1	Derrek ADAMS	71	VBA	46.47
2	Rodney BAKER	70	WMH	47.24
3	Leslie NELSON	70	NCB	49.07
4	Peter BOURJAU	71	THB	49.38
5	Ronnie ELGAR	73	QCN	49.64
6	John D EVANS	70	WFR	49.68
7	Ted TANSLEY	73	VGL	50.59
8	David MORTLOCK	71	ATN	50.74
9	Kenneth GALLAGHER	71	WIW	52.43
10	Tom CARTWRIGHT	70	NET	52.54

70-74 100m Breaststroke

Best TT	Bob MCCABE		VNL	1m42.95
1	Peter BOURJAU	71	THB	1m57.25
2	Ronnie ELGAR	73	QCN	1m58.27

70-74 100m Breaststroke Continued

3	Ted TANSLEY	73	VGL	1m59.17
4	John D EVANS	70	WFR	2m00.27
5	Tom CARTWRIGHT	70	NET	2m05.69
6	Max GILLESPIE	70	QSM	2m06.31
7	George STEWART	73	NWS	2m06.53
8	John SHERIDAN	73	NWG	2m06.89
9	Bill LAMBE	73	WSM	2m07.70
10	Keith WAKE	70	NWG	2m12.23

70-74 200m Breaststroke

Best TT	Bob MCCABE		VNL	3m52.45
1	Leslie NELSON	70	NCB	4m13.08
2	John D EVANS	70	WFR	4m20.56
3	Ted TANSLEY	73	VGL	4m24.28
4	David MORTLOCK	71	ATN	4m25.98
5	Ronnie ELGAR	73	QCN	4m31.92
6	John SHERIDAN	73	NWG	4m39.53
7	Bill LAMBE	73	WSM	4m46.18
8	Keith WAKE	70	NWG	4m53.92
9	Athol EISZELE	72	THB	4m58.66
10	Perc EDWARDS	73	WCM	4m59.20

70-74 400m Breaststroke

Best TT	Doug JEFFREY		WCM	8m16.62
1	Peter BOURJAU	71	THB	9m00.94
2	Malcolm STEVENS	71	QTW	10m10.96
3	Bill LAMBE	73	WSM	10m17.96
4	Perc EDWARDS	73	WCM	10m27.23
5	Charles KEVIN	71	QSC	10m38.53
6	Robert HARDWICK	73	WCR	10m46.56
7	Guy DAVIES	71	WSM	10m50.86
8	George STEWART	73	NWS	10m53.07
9	William MILDREN	74	SAO	10m58.20
10	Tom BARTEN	71	QTT	11m04.71

70-74 800m Breaststroke

Best TT	Doug JEFFREY		WCM	17m30.26
1	Malcolm STEVENS	71	QTW	20m13.14
2	Bill LAMBE	73	WSM	20m45.83
3	Perc EDWARDS	73	WCM	20m54.15
4	Charles KEVIN	71	QSC	22m07.97
5	Guy DAVIES	71	WSM	22m16.55
6	George STEWART	73	NWS	22m26.13
7	William MILDREN	74	SAO	22m30.35
8	Robert HARDWICK	73	WCR	22m31.26
9	Ray HARDING	73	WSM	23m24.62
10	John BRENKEY	70	WGT	23m49.95

70-74 1500m Breaststroke

Best TT	Doug JEFFREY		WCM	33m34.13
1	Bill LAMBE	73	WSM	39m59.20
2	Malcolm STEVENS	71	QTW	40m25.44
3	Perc EDWARDS	73	WCM	41m40.51
4	George STEWART	73	NWS	41m55.28
5	Charles KEVIN	71	QSC	43m11.59
6	Guy DAVIES	71	WSM	43m59.64
7	Robert HARDWICK	73	WCR	44m52.53
8	Ray HARDING	73	WSM	50m12.22
9	Bill CHAPMAN	74	WSM	55m07.45

70-74 30MIN Breaststroke

Best TT	John BRENKEY		WGT	9500m
1	John BRENKEY	70	WGT	9500m
2	Malcolm STEVENS	71	QTW	1125m
3	Bill LAMBE	73	WSM	1100m
4	Charles KEVIN	71	QSC	1075m
4	Ronnie ELGAR	73	QCN	1075m
6	George STEWART	73	NWS	1050m
7	Robert HARDWICK	73	WCR	1025m
7	Guy DAVIES	71	WSM	1025m
7	Perc EDWARDS	73	WCM	1025m
10	Ray HARDING	73	WSM	950m

70-74 45MIN Breaststroke

Best TT	Robert WHYTE		WIW	1750m
1	Bill LAMBE	73	WSM	1675m
2	George STEWART	73	NWS	1650m
2	Malcolm STEVENS	71	QTW	1650m
4	Perc EDWARDS	73	WCM	1600m
5	Charles KEVIN	71	QSC	1500m
5	Robert HARDWICK	73	WCR	1500m
7	Ray HARDING	73	WSM	1325m
8	Bill CHAPMAN	74	WSM	1150m

70-74 60MIN Breaststroke

Best TT	Doug JEFFREY		WCM	2625m
1	Bill LAMBE	73	WSM	2200m
2	George STEWART	73	NWS	2100m
3	Perc EDWARDS	73	WCM	2075m
4	Charles KEVIN	71	QSC	2050m
5	Robert HARDWICK	73	WCR	2000m
6	Guy DAVIES	71	WSM	1925m
7	Ray HARDING	73	WSM	1725m
8	John BRENKEY	70	WGT	1700m
9	Bill CHAPMAN	74	WSM	1625m

70-74 50m Butterfly

Best TT	Doug JEFFREY		WCM	40.84
1	George STEWART	73	NWS	46.60
2	Malcolm STEVENS	71	QTW	50.00
3	Kenneth GALLAGHER	71	WIW	50.58
4	Derek HARKUP	70	WRK	53.41
5	Royce JACKSON	74	QTT	54.52
6	Hans WEHRENS	70	VKC	54.56
7	Ronnie ELGAR	73	QCN	55.69
8	John SHERIDAN	73	NWG	56.94
9	Eric MCLEOD	72	WBM	1m01.07
10	John NOTLEY	71	NLC	1m02.18

70-74 100m Butterfly

Best TT	Doug JEFFREY		WCM	1m35.69
1	Ronnie ELGAR	73	QCN	2m22.69
2	George STEWART	73	NWS	2m28.53
3	Perc EDWARDS	73	WCM	2m33.64
4	Charles KEVIN	71	QSC	2m49.38
5	Bill CHAPMAN	74	WSM	3m51.81

70-74 200m Butterfly

Best TT	Doug JEFFREY		WCM	3m38.48
1	Malcolm STEVENS	71	QTW	5m11.19
2	Bill CHAPMAN	74	WSM	9m12.96

70-74 400m Butterfly

Best TT	Doug JEFFREY		WCM	8m16.95

70-74 800m Butterfly

Best TT	Doug JEFFREY		WCM	17m21.15

70-74 200m Ind. Medley

Best TT	Doug JEFFREY		WCM	3m28.97
1	Perc EDWARDS	73	WCM	4m21.08
2	George STEWART	73	NWS	4m21.97
3	Les YOUNG	72	THB	5m10.33
4	Ray HARDING	73	WSM	5m12.40
5	Guy DAVIES	71	WSM	6m16.56

70-74 400m Ind. Medley

Best TT	Doug JEFFREY		WCM	7m31.37
1	Malcolm STEVENS	71	QTW	8m28.00
2	Royce JACKSON	74	QTT	9m08.09
3	Perc EDWARDS	73	WCM	9m25.17
4	George STEWART	73	NWS	9m37.24
5	Charles KEVIN	71	QSC	10m51.54
6	Bill CHAPMAN	74	WSM	14m27.09

70-74 800m Ind. Medley

Best TT	Doug JEFFREY		WCM	16m21.16
1	Malcolm STEVENS	71	QTW	19m10.17
2	Perc EDWARDS	73	WCM	20m05.56
3	Royce JACKSON	74	QTT	20m21.93
4	Don ROBERTSON	73	QTT	20m54.33
5	George STEWART	73	NWS	22m21.33
6	Charles KEVIN	71	QSC	23m10.06
7	Bill CHAPMAN	74	WSM	31m44.19

****

*****

**

1998 NATIONAL TOP TEN - MALE LONG COURSE

75-79 50m Freestyle

Best TT	Denis JOY		NWG	33.44
1	Steve WILKES	75	QBN	35.63
2	Kevin VICKERY	75	NET	36.59
3	Charles CALDER	75	QHB	36.61
4	Bob HARRIS	79	QCW	39.94
5	Jamie JENKINS	79	NML	40.84
6	Fred JOHNSON	75	WML	41.56
7	Terry KELLY	77	NML	41.91
8	Stuart SOMERVILLE	77	NML	43.23
9	Roy MITCHELL	78	VRW	44.20
10	Stanley HARDING	78	NCS	44.77

75-79 100m Freestyle

Best TT	Kevin VICKERY		NET	1m19.84
1	Kevin VICKERY	75	NET	1m19.84
2	Steve WILKES	75	QBN	1m21.71
3	Edward GEARY	77	SMR	1m33.34
4	Terry KELLY	77	NML	1m33.94
5	Bob HARRIS	79	QCW	1m35.63
6	Charles CALDER	75	QHB	1m36.61
7	Roy MITCHELL	78	VRW	1m41.58
8	Ron COOPER	75	WSM	1m47.06
9	John COCKBURN	77	NCS	1m55.34
10	Edwin SKELTON	76	QHB	1m57.38

75-79 200m Freestyle

Best TT	Kevin VICKERY		NET	2m59.65
1	Kevin VICKERY	75	NET	2m59.65
2	Steve WILKES	75	QBN	3m07.41
3	Terry KELLY	77	NML	3m27.70
4	Ron COOPER	75	WSM	3m53.00
5	Roy MITCHELL	78	VRW	3m56.37
6	Charles CALDER	75	QHB	3m58.13
7	Edwin SKELTON	76	QHB	4m29.08
8	Jack WILCOCK	79	NET	4m33.50
9	Otto SCHUMACHER	77	QJJ	4m46.84
10	Eric TONKIN	75	VWB	4m56.85

75-79 400m Freestyle

Best TT	Godfrey WILLIAMS		WIW	6m37.08
1	Kevin VICKERY	75	NET	6m38.08
2	Steve WILKES	75	QBN	6m39.80
3	Jamie JENKINS	79	NML	7m18.43
4	Terry KELLY	77	NML	7m19.94
5	Edward GEARY	77	SMR	7m29.85
6	Bob HARRIS	79	QCW	7m41.97
7	Ron COOPER	75	WSM	8m22.09
8	Fred JOHNSON	75	WML	8m50.66
9	Roy MITCHELL	78	VRW	8m50.94
10	Mark WALKER	79	QTT	9m22.70

75-79 800m Freestyle

Best TT	Kevin VICKERY		NET	13m46.21
1	Kevin VICKERY	75	NET	13m46.21
2	Steve WILKES	75	QBN	14m11.76
3	Terry KELLY	77	NML	15m38.43
4	Edward GEARY	77	SMR	16m02.30
5	Ron COOPER	75	WSM	17m03.12
6	John SCARR	76	QTT	18m01.16
7	Fred JOHNSON	75	WML	18m10.16
8	Mark WALKER	79	QTT	20m02.34

75-79 800m Freestyle Continued

9	Alex TALL	75	QSM	20m19.11
10	Stuart SOMERVILLE	77	NML	21m01.27

75-79 1500m Freestyle

Best TT	Steve WILKES		QBN	27m23.53
1	Steve WILKES	75	QBN	27m23.53
2	Terry KELLY	77	NML	29m25.00
3	Edward GEARY	77	SMR	30m30.70
4	Ron COOPER	75	WSM	33m59.79
5	Fred JOHNSON	75	WML	35m15.00
6	Alex TALL	75	QSM	37m28.52
7	Stuart SOMERVILLE	77	NML	39m44.65
8	Pat O'SULLIVAN	79	QTT	43m23.60
9	Eric TONKIN	75	VWB	44m55.99

75-79 3000m Freestyle

Best TT	Russell DUNN		QTT	59m52.29

75-79 5000m Freestyle

Best TT	Steve WILKES		QBN	95m40.00
1	Steve WILKES	75	QBN	95m40.00

75-79 30MIN Freestyle

Best TT	Russell DUNN		QTT	1500m
	Edward GEARY		SMR	
1	Edward GEARY	77	SMR	1450m
2	Ron COOPER	75	WSM	1300m
3	Fred JOHNSON	75	WML	1275m
4	Stuart SOMERVILLE	77	NML	1100m
4	Mark WALKER	79	QTT	1100m
6	Eric TONKIN	75	VWB	975m

75-79 45MIN Freestyle

Best TT	Edward GEARY		SMR	2225m
1	Ron COOPER	75	WSM	1950m
2	Fred JOHNSON	75	WML	1825m
3	Stuart SOMERVILLE	77	NML	1700m

75-79 60MIN Freestyle

Best TT	Steve WILKES		QBN	3175m
1	Steve WILKES	75	QBN	3175m
2	Ron COOPER	75	WSM	2600m
3	Fred JOHNSON	75	WML	2375m
4	Alex TALL	75	QSM	2275m
5	Stuart SOMERVILLE	77	NML	2250m
6	Pat O'SULLIVAN	79	QTT	2100m

75-79 50m Backstroke

Best TT	Godfrey WILLIAMS		WIW	41.52
1	Kevin VICKERY	75	NET	46.98
2	Jamie JENKINS	79	NML	47.56
3	Steve WILKES	75	QBN	48.67
4	Ron COOPER	75	WSM	51.56
5	Stuart SOMERVILLE	77	NML	52.44
6	Bob HARRIS	79	QCW	52.53
7	Edward GEARY	77	SMR	52.66
8	John SCARR	76	QTT	53.30
9	Harry BRIAN	79	NET	53.94
10	Sid KRASEY	78	VNL	54.08

1998 NATIONAL TOP TEN - MALE LONG COURSE

75-79 100m Backstroke

Best TT	Godfrey WILLIAMS		WIW	1m41.04
1	Kevin VICKERY	75	NET	1m42.96
2	Jamie JENKINS	79	NML	1m44.99
3	Ron COOPER	75	WSM	1m56.48
4	Edward GEARY	77	SMR	1m57.07
5	Sid KRASEY	78	VNL	1m58.99
6	Mark WALKER	79	QTT	2m18.92
7	Harry BRIAN	79	NET	2m21.88
8	Otto SCHUMACHER	77	QJJ	2m36.02
9	Harry MOFFETT	76	NWG	3m26.88
10	Morton BAGLEY	79	NNS	3m35.91

75-79 200m Backstroke

Best TT	Godfrey WILLIAMS		WIW	3m43.77
1	Kevin VICKERY	75	NET	3m45.66
2	Jamie JENKINS	79	NML	3m45.70
3	Ron COOPER	75	WSM	4m15.36
4	Edward GEARY	77	SMR	4m19.19
5	Sid KRASEY	78	VNL	4m24.08
6	Mark WALKER	79	QTT	4m57.27
7	John COCKBURN	77	NCS	5m01.41
8	Harry BRIAN	79	NET	5m34.26
9	Pat O'SULLIVAN	79	QTT	6m13.51
10	Harry MOFFETT	76	NWG	7m01.15

75-79 400m Backstroke

Best TT	Bruce GASTON		WCM	8m06.52
1	Edward GEARY	77	SMR	8m49.62
2	Ron COOPER	75	WSM	8m55.54
3	John SCARR	76	QTT	9m09.88
4	Mark WALKER	79	QTT	10m13.61
5	Pat O'SULLIVAN	79	QTT	12m44.45
6	Harry MOFFETT	76	NWG	14m23.65
7	Morton BAGLEY	79	NNS	15m10.21

75-79 800m Backstroke

Best TT	Bruce GASTON		WCM	17m38.03
1	Edward GEARY	77	SMR	17m56.81
2	Ron COOPER	75	WSM	18m29.91
3	John SCARR	76	QTT	18m41.80
4	Morton BAGLEY	79	NNS	33m32.36

75-79 1500m Backstroke

Best TT	Edward GEARY		SMR	33m59.00
1	Edward GEARY	77	SMR	33m59.00
2	John SCARR	76	QTT	35m43.19
3	Ron COOPER	75	WSM	36m25.99

75-79 30MIN Backstroke

Best TT	Edward GEARY		SMR	1300m
1	Edward GEARY	77	SMR	1300m
2	Ron COOPER	75	WSM	1250m
3	Mark WALKER	79	QTT	1075m

75-79 45MIN Backstroke

Best TT	Robert WHYTE		WIW	1825m
	Ron COOPER		WSM	
1	Ron COOPER	75	WSM	1825m
2	Mark WALKER	79	QTT	1650m

75-79 60MIN Backstroke

Best TT	Ron COOPER		WSM	2425m
1	Ron COOPER	75	WSM	2425m

75-79 50m Breaststroke

Best TT	Sid KRASEY		VNL	48.86
1	Sid KRASEY	78	VNL	49.72
2	Stuart SOMERVILLE	77	NML	52.21
3	John SCARR	76	QTT	52.84
4	Dennis JACKSON	76	QHB	53.88
5	Joachim EIFLER	75	WMV	59.03
6	Ron COOPER	75	WSM	59.39
7	Charles CALDER	75	QHB	1m01.11
8	Roy MITCHELL	78	VRW	1m01.94
9	Steve WILKES	75	QBN	1m02.34
10	Fred JOHNSON	75	WML	1m03.02

75-79 100m Breaststroke

Best TT	John SCARR		QTT	1m59.13
1	Dennis JACKSON	76	QHB	2m02.38
2	John SCARR	76	QTT	2m02.41
3	Sid KRASEY	78	VNL	2m05.11
4	Ron COOPER	75	WSM	2m16.03
5	Stuart SOMERVILLE	77	NML	2m21.88
6	Charles CALDER	75	QHB	2m40.67
7	Edwin SKELTON	76	QHB	2m41.47
8	Stanley COLLINS	78	VKX	3m39.73

75-79 200m Breaststroke

Best TT	Frank GRIFFITHS		NET	4m25.33
1	Dennis JACKSON	76	QHB	4m37.98
2	Ron COOPER	75	WSM	4m50.19
3	Stuart SOMERVILLE	77	NML	5m13.88
4	Terry KELLY	77	NML	5m29.89
5	Don NEIGHBOUR	75	NET	7m09.79
6	Stanley COLLINS	78	VKX	7m44.02

75-79 400m Breaststroke

Best TT	Dennis JACKSON		QHB	9m26.49
1	Dennis JACKSON	76	QHB	9m46.69
2	John SCARR	76	QTT	9m54.13
3	Ron COOPER	75	WSM	10m03.38
4	Fred JOHNSON	75	WML	11m33.95
5	Mark WALKER	79	QTT	11m57.01

75-79 800m Breaststroke

Best TT	Jack LACEY		WIW	18m15.26
1	John SCARR	76	QTT	20m19.85
2	Ron COOPER	75	WSM	20m52.41
3	Fred JOHNSON	75	WML	23m37.06
4	Mark WALKER	79	QTT	30m42.66

75-79 1500m Breaststroke

Best TT	Robert MCCABE		VNL	37m46.92
1	Dennis JACKSON	76	QHB	39m42.33
2	Ron COOPER	75	WSM	41m09.16
3	John SCARR	76	QTT	43m09.80
4	Fred JOHNSON	75	WML	46m00.00

1998 NATIONAL TOP TEN - MALE LONG COURSE

75-79 30MIN Breaststroke

Best TT	Fred JOHNSON		WML	9075m
1	Fred JOHNSON	75	WML	9075m
2	Ron COOPER	75	WSM	1025m
3	Mark WALKER	79	QTT	800m

75-79 45MIN Breaststroke

Best TT	Robert WHYTE		WIW	1700m
1	Ron COOPER	75	WSM	1625m
2	Fred JOHNSON	75	WML	1475m

75-79 60MIN Breaststroke

Best TT	Robert WHYTE		WIW	2200m
1	Ron COOPER	75	WSM	2100m

75-79 50m Butterfly

Best TT	Stuart SOMERVILLE		NML	47.66
1	Stuart SOMERVILLE	77	NML	47.66
2	Dennis JACKSON	76	QHB	56.60
3	Ron COOPER	75	WSM	1m03.13
4	Terry KELLY	77	NML	1m04.04
5	Fred JOHNSON	75	WML	1m04.89
6	Robert MCCABE	78	VNL	1m06.73

75-79 100m Butterfly

Best TT	Bruce GASTON		WCM	2m01.99
1	Dennis JACKSON	76	QHB	2m10.08
2	Robert MCCABE	78	VNL	2m23.32

75-79 200m Butterfly

Best TT	Kevin VICKERY		NET	4m28.85
1	Kevin VICKERY	75	NET	4m28.85
2	Dennis JACKSON	76	QHB	5m08.74

75-79 400m Butterfly

Best TT	Richard JEFFREY		WCM	14m58.81

75-79 800m Butterfly

Best TT	Richard JEFFREY		WCM	30m03.03

75-79 200m Ind. Medley

Best TT	Bruce GASTON		WCM	3m51.47
1	Kevin VICKERY	75	NET	3m52.67
2	Ron COOPER	75	WSM	4m26.47
3	Terry KELLY	77	NML	4m54.36

75-79 400m Ind. Medley

Best TT	Frank GRIFFITHS		NET	9m01.37
1	John SCARR	76	QTT	9m51.02
2	Terry KELLY	77	NML	10m00.21

75-79 800m Ind. Medley

Best TT	Richard JEFFREY		WCM	22m47.29

****
*****
**

80-84 50m Freestyle

Best TT	Godfrey WILLIAMS		WIW	36.41
1	Denis JOY	80	NWG	37.94
2	Gough WILLIAMS	82	WIW	38.51
3	Arthur THOMAS	81	QTT	40.13
4	Alfred ALVAREZ	82	NPM	42.05
5	John WINTERS	81	NML	45.69
6	Hedley CRISP	82	NML	48.10
7	Jack MATHIESON	81	NSH	54.34
8	Tom REES	80	VNL	54.74
9	Domingo MARTINEZ	83	QRT	56.42
10	Joe SAVAGE	84	SAM	1m07.68

80-84 100m Freestyle

Best TT	Godfrey WILLIAMS		WIW	1m25.11
1	Denis JOY	80	NWG	1m31.68
2	Gough WILLIAMS	82	WIW	1m36.41
3	Arthur THOMAS	81	QTT	1m37.61
4	Russell DUNN	81	QTT	1m49.48
5	Hedley CRISP	82	NML	2m11.85
6	John WINTERS	81	NML	2m14.16
7	Arthur EVANS	84	QSC	2m19.24
8	Jack MATHIESON	81	NSH	2m27.20
9	Domingo MARTINEZ	83	QRT	2m44.33
10	Malcolm PARKER	84	VNL	3m17.37

80-84 200m Freestyle

Best TT	Godfrey WILLIAMS		WIW	3m17.28
1	Russell DUNN	81	QTT	3m50.42
2	Denis JOY	80	NWG	3m59.11
3	Alfred ALVAREZ	82	NPM	4m04.37
4	Arthur EVANS	84	QSC	4m53.49
5	Hedley CRISP	82	NML	4m55.99
6	Tom REES	80	VNL	5m00.03

80-84 400m Freestyle

Best TT	Bob COLQUHOUN		WIW	6m37.00
1	Russell DUNN	81	QTT	7m51.25
2	Arthur THOMAS	81	QTT	9m35.30
3	Harry REDPATH	80	QSM	10m11.46
4	Tom REES	80	VNL	10m27.08
5	Arthur EVANS	84	QSC	10m45.11
6	Jack MATHIESON	81	NSH	11m45.36
7	Domingo MARTINEZ	83	QRT	13m17.02

80-84 800m Freestyle

Best TT	Bob COLQUHOUN		WIW	14m26.66
1	Arthur EVANS	84	QSC	22m44.02

80-84 1500m Freestyle

Best TT	Russell DUNN		QTT	29m59.57
1	Arthur EVANS	84	QSC	43m38.70
2	Jack MATHIESON	81	NSH	51m40.03

80-84 3000m Freestyle

Best TT	Allen BURGOYNE		QCN	87m12.99

80-84 5000m Freestyle

Best TT	Harry REDPATH		QSM	161m49.88
1	Harry REDPATH	80	QSM	161m49.88

1998 NATIONAL TOP TEN - MALE LONG COURSE

80-84 30MIN Freestyle

Best TT	Arthur EVANS		QSC	1150m

80-84 45MIN Freestyle

Best TT	Arthur EVANS		QSC	1550m
1	Harry REDPATH	80	QSM	1475m

80-84 60MIN Freestyle

Best TT	Allen BURGOYNE		QCN	2300m

80-84 50m Backstroke

Best TT	Godfrey WILLIAMS		WIW	47.90
1	Gough WILLIAMS	82	WIW	49.78
2	Arthur THOMAS	81	QTT	50.81
3	Denis JOY	80	NWG	51.57
4	John WINTERS	81	NML	1m09.33
5	Bill WORRALL	80	QTT	1m10.88
6	Russell DUNN	81	QTT	1m14.63
7	Joe SAVAGE	84	SAM	1m25.62
8	Jack MATHIESON	81	NSH	1m32.47
9	Hedley CRISP	82	NML	1m35.44
10	Domingo MARTINEZ	83	QRT	1m36.16

80-84 100m Backstroke

Best TT	Godfrey WILLIAMS		WIW	1m50.21
1	Arthur THOMAS	81	QTT	1m58.38
2	Gough WILLIAMS	82	WIW	2m01.00
3	Alfred ALVAREZ	82	NPM	2m16.26
4	Jack MATHIESON	81	NSH	2m46.71
5	John WINTERS	81	NML	2m56.95
6	Joe SAVAGE	84	SAM	3m09.14

80-84 200m Backstroke

Best TT	Gough WILLIAMS		WIW	4m14.00
1	Arthur THOMAS	81	QTT	4m17.90
2	Jack MATHIESON	81	NSH	6m05.77
3	John WINTERS	81	NML	6m16.16
4	Joe SAVAGE	84	SAM	6m48.05

80-84 400m Backstroke

Best TT	Arthur THOMAS		QTT	9m11.19
1	Arthur THOMAS	81	QTT	9m11.19
2	Bill WORRALL	80	QTT	12m52.82

80-84 800m Backstroke

Best TT	Allen BURGOYNE		QCN	25m46.47

80-84 1500m Backstroke

Best TT	Harry REDPATH		QSM	44m12.60
1	Harry REDPATH	80	QSM	44m12.60
2	Jack MATHIESON	81	NSH	55m06.34

80-84 30MIN Backstroke

Best TT	Harry REDPATH		QSM	1075m
1	Harry REDPATH	80	QSM	1075m

80-84 60MIN Backstroke

Best TT	Allen BURGOYNE		QCN	1850m

80-84 50m Breaststroke

Best TT	Arthur EVANS		QSC	52.58
1	Jack MATHIESON	81	NSH	1m04.54
2	Arthur EVANS	84	QSC	1m06.49
3	Bill WORRALL	80	QTT	1m16.26
4	Gough WILLIAMS	82	WIW	1m18.99
5	Hedley CRISP	82	NML	1m28.07
6	Domingo MARTINEZ	83	QRT	1m36.75
7	Joe SAVAGE	84	SAM	2m09.13

80-84 100m Breaststroke

Best TT	Arthur EVANS		QSC	2m03.11
1	Arthur EVANS	84	QSC	2m34.61
2	Jack MATHIESON	81	NSH	2m42.56
3	Bill WORRALL	80	QTT	2m47.58
4	Domingo MARTINEZ	83	QRT	3m39.18
5	Harry REDPATH	80	QSM	3m52.29

80-84 200m Breaststroke

Best TT	Frank GRIFFITHS		NET	4m40.35
1	Jack MATHIESON	81	NSH	5m24.48
2	Arthur EVANS	84	QSC	5m37.34
3	Bill WORRALL	80	QTT	5m50.44
4	Harry REDPATH	80	QSM	7m55.44

80-84 400m Breaststroke

Best TT	Arthur EVANS		QSC	10m15.18
1	Bill WORRALL	80	QTT	11m51.41
2	Jack MATHIESON	81	NSH	11m56.40
3	Arthur EVANS	84	QSC	12m18.13

80-84 800m Breaststroke

Best TT	Arthur EVANS		QSC	21m38.75
1	Jack MATHIESON	81	NSH	27m16.60

80-84 1500m Breaststroke

Best TT	Arthur EVANS		QSC	42m19.42
1	Jack MATHIESON	81	NSH	51m40.03

80-84 45MIN Breaststroke

Best TT	Arthur EVANS		QSC	1575m
1	Bill WORRALL	80	QTT	1275m

80-84 60MIN Breaststroke

Best TT	Arthur EVANS		QSC	1950m
1	Bill WORRALL	80	QTT	1625m

80-84 50m Butterfly

Best TT	Frank GRIFFITHS		NET	1m01.94
1	Alfred ALVAREZ	82	NPM	1m05.35
2	Harry REDPATH	80	QSM	1m40.93

80-84 100m Butterfly

Best TT	Frank GRIFFITHS		NET	2m21.97
1	Alfred ALVAREZ	82	NPM	2m40.86

80-84 200m Butterfly

Best TT	Frank GRIFFITHS		NET	5m09.05
1	Alfred ALVAREZ	82	NPM	6m19.74

80-84 200m Ind. Medley

Best TT	Frank GRIFFITHS		NET	4m20.72
1	Alfred ALVAREZ	82	NPM	4m47.13
2	Harry REDPATH	80	QSM	7m00.77

80-84 400m Ind. Medley

Best TT	Frank GRIFFITHS		NET	9m47.22
1	Alfred ALVAREZ	82	NPM	10m33.10

****
*****
**

85-89 50m Freestyle

Best TT	Frank GRIFFITHS		QGS	41.53
1	James HARVIE	87	NNS	47.31
2	George MCGILVRAY	87	NWG	58.29
3	Alex CLARKE	85	QTW	1m04.17
4	Jim FENNELL	85	QMM	1m05.08

85-89 100m Freestyle

Best TT	Frank GRIFFITHS		QGS	1m41.27
1	George MCGILVRAY	87	NWG	2m17.82
2	Alex CLARKE	85	QTW	2m19.63
3	Jim FENNELL	85	QMM	2m29.31

85-89 200m Freestyle

Best TT	Frank GRIFFITHS		QGS	3m59.21
1	Alex CLARKE	85	QTW	5m06.03

85-89 400m Freestyle

Best TT	Frank GRIFFITHS		QGS	8m52.46
1	Alex CLARKE	85	QTW	11m14.02

85-89 800m Freestyle

Best TT	Frank GRIFFITHS		QGS	18m36.35

85-89 1500m Freestyle

Best TT	Frank GRIFFITHS		QGS	36m56.81

85-89 30MIN Freestyle

Best TT	Frank GRIFFITHS		QGS	1200m

85-89 45MIN Freestyle

Best TT	Allen BURGOYNE		QCN	1275m

85-89 60MIN Freestyle

Best TT	Allen BURGOYNE		QCN	1650m

85-89 50m Backstroke

Best TT	Frank GRIFFITHS		QGS	59.95
1	Alex CLARKE	85	QTW	1m15.71
2	George MCGILVRAY	87	NWG	1m36.35

85-89 100m Backstroke

Best TT	Frank GRIFFITHS		QGS	2m17.58
1	George MCGILVRAY	87	NWG	3m41.38

85-89 200m Backstroke

Best TT	Frank GRIFFITHS		QGS	4m56.29

85-89 400m Backstroke

Best TT	Allen BURGOYNE		QCN	11m25.77

85-89 800m Backstroke

Best TT	Allen BURGOYNE		QCN	26m43.56

85-89 1500m Backstroke

Best TT	Allen BURGOYNE		QCN	51m32.84

85-89 50m Breaststroke

Best TT	Frank GRIFFITHS		QGS	1m03.27
1	Alex CLARKE	85	QTW	1m27.79
2	Jim FENNELL	85	QMM	1m56.13

85-89 100m Breaststroke

Best TT	Frank GRIFFITHS		QGS	2m25.87

85-89 200m Breaststroke

Best TT	Frank GRIFFITHS		QGS	5m08.11

85-89 400m Breaststroke

Best TT	Frank GRIFFITHS		QGS	11m12.52

85-89 50m Butterfly

Best TT	Frank GRIFFITHS		QGS	1m08.30

85-89 100m Butterfly

Best TT	Frank GRIFFITHS		QGS	2m33.63

85-89 200m Butterfly

Best TT	Frank GRIFFITHS		QGS	5m54.28

85-89 200m Ind. Medley

Best TT	Frank GRIFFITHS		QGS	4m40.15

85-89 400m Ind. Medley

Best TT	Frank GRIFFITHS		QGS	10m28.43

****
*****
**

90-94 50m Freestyle

Best TT	Laurie SPARRIUS		QSC	54.54
1	Alfredo CHERCHI	91	NTR	1m00.14
2	Ernie WEBSTER	90	THB	1m26.78
3	Jim WALKER	90	QSM	1m27.10

90-94 100m Freestyle

Best TT	Alfredo CHERCHI		NTR	2m14.96
1	Alfredo CHERCHI	91	NTR	2m14.96

90-94 200m Freestyle

Best TT	Alfredo CHERCHI		NTR	4m32.78
1	Alfredo CHERCHI	91	NTR	5m01.85

90-94 400m Freestyle

Best TT	Alfredo CHERCHI		NTR	9m40.04

90-94 50m Backstroke

Best TT	Alfredo CHERCHI		NTR	1m06.09
1	Ernie WEBSTER	90	THB	1m53.21
2	Jim WALKER	90	QSM	2m11.57

90-94 100m Backstroke

Best TT	Alfredo CHERCHI		NTR	2m44.32
1	Alfredo CHERCHI	91	NTR	2m44.32

90-94 200m Backstroke

Best TT	Alfredo CHERCHI		NTR	5m48.64
1	Alfredo CHERCHI	91	NTR	5m48.64

90-94 50m Breaststroke

Best TT	Jim WALKER		QSM	1m53.82
1	Jim WALKER	90	QSM	1m53.82

****
*****
**