

SWIMMING WORLD CUP

BERLIN 2016

FINA/airweave Swimming World Cup 2016

PARIS-CHARTRES DOHA DUBAI

5 BERLIN SINGAPORE

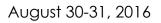


MOSCOW TOKYO

HONG KONG



BERLIN 2016



Entry List by NAT



As of WED 31 AUG 2016

NAT	Event	Name	Year of Birth	Height (m/ft in)	Weight (kg/lbs)	Qualifying Time
AUS - Australia	Men's 50m Freestyle	BROWN Nic	1996			24.63
	Men's 100m Freestyle	GERRARD Jack	1994	1.95 / 6'5"	89 / 196	49.98
		HURLEY Bobby	1988	1.94 / 6'4"	85 / 187	47.74
	Men's 200m Freestyle	GERRARD Jack	1994	1.95 / 6'5"	89 / 196	1:51.18
	•	HURLEY Bobby	1988	1.94 / 6'4"	85 / 187	1:43.84
	Men's 400m Freestyle	HURLEY Bobby	1988	1.94 / 6'4"	85 / 187	3:41.60
	Men's 50m Backstroke	HURLEY Bobby	1988	1.94 / 6'4"	85 / 187	25.07
		LARKIN Mitchell	1993	1.84 / 6'0"	74 / 163	22.91
	Men's 100m Backstroke	GERRARD Jack	1994	1.95 / 6'5"		54.52
		HURLEY Bobby	1988	1.94 / 6'4"		54.33
		LARKIN Mitchell	1993	1.84 / 6'0"		49.03
	Men's 200m Backstroke	HURLEY Bobby	1988	1.94 / 6'4"	74 / 163 85 / 187 74 / 163 85 / 187 74 / 163 89 / 196 82 / 181 82 / 181 82 / 181	1:54.22
	Well's 20011 Basications	LARKIN Mitchell	1993	1.84 / 6'0"		1:45.63
	Men's 50m Breaststroke	BREMER Lennard	1994	1.04700	747 100	28.07
	Men's 100m Breaststroke	BREMER Lennard	1994			1:00.30
	Men's 200m Breaststroke	BREMER Lennard	1994			2:09.09
	Men's 50m Butterfly	BROWN Nic	1996			24.48
	•					
	Men's 100m Butterfly	BROWN Nic	1996			52.87
	Men's 200m Butterfly	BROWN Nic	1996	4.04./.010!!	74 / 400	1:55.11
	Men's 100m Individual Medley	LARKIN Mitchell	1993	1.84 / 6'0"		52.98
	Men's 200m Individual Medley	GERRARD Jack	1994	1.95 / 6'5"	89 / 196	2:05.25
AUT - Austria	Men's 50m Freestyle	TRAMPITSCH Alexander	1999	4 00 / 010!!	00/10/	22.99
	Men's 100m Freestyle	BRANDL David	1987	1.88 / 6'2"	82 / 181	49.51
		TRAMPITSCH Alexander	1999			50.14
	Men's 200m Freestyle	BRANDL David	1987	1.88 / 6'2"		1:45.61
	Men's 400m Freestyle	BRANDL David	1987	1.88 / 6'2"	82 / 181	3:45.16
	Men's 1500m Freestyle	BRANDL David	1987	1.88 / 6'2"	82 / 181	15:13.94
	Men's 200m Backstroke	STEFFAN Sebastian	1997	1.90 / 6'3"	85 / 187	2:07.10
	Men's 50m Breaststroke	DIETRICH Johannes	1993			28.00
	Men's 100m Breaststroke	DIETRICH Johannes	1993		89 / 196 6'2" 82 / 181 6'2" 82 / 181 6'2" 82 / 181 6'2" 82 / 181 6'2" 82 / 181 6'3" 85 / 187 6'3" 85 / 187	1:00.15
	Men's 200m Breaststroke	DIETRICH Johannes	1993			2:09.69
	Men's 50m Butterfly	TRAMPITSCH Alexander	1999			24.55
	Men's 100m Butterfly	TRAMPITSCH Alexander	1999			53.32
	Men's 100m Individual Medley	STEFFAN Sebastian	1997	1.90 / 6'3"	85 / 187	56.93
		TRAMPITSCH Alexander	1999			57.79
	Men's 200m Individual Medley	STEFFAN Sebastian	1997	1.90 / 6'3"	85 / 187	2:01.08
	Men's 400m Individual Medley	STEFFAN Sebastian	1997	1.90 / 6'3"	85 / 187	4:14.33
BIH - Bosnia-Herzegovina	Men's 50m Freestyle	MESETOVIC Adi	1997			22.16
_	Men's 50m Breaststroke	MESETOVIC Adi	1997			28.34
	Men's 50m Butterfly	MESETOVIC Adi	1997			24.02
BLR - Belarus	Men's 50m Backstroke	SANKOVICH Pavel	1990	1.82 / 6'0"	70 / 154	23.26
	Men's 100m Backstroke	SANKOVICH Pavel	1990	1.82 / 6'0"	70 / 154	51.40
	Men's 200m Backstroke	SANKOVICH Pavel	1990	1.82 / 6'0"	70 / 154	1:57.45
	Men's 50m Butterfly	SANKOVICH Pavel	1990	1.82 / 6'0"	70 / 154	22.82
	Men's 100m Butterfly	SANKOVICH Pavel	1990	1.82 / 6'0"	70 / 154	50.31
BRA - Brazil	Men's 50m Backstroke	SILVA Glauber	1986	1.90 / 6'3"	92 / 203	25.19
SKA - BIUZII	Well's doll Buckstioke	SILVA JUNIOR Nelson	1986	1.74 / 5'9"	76 / 168	23.76
	Men's 100m Backstroke	SILVA JUNIOR Nelson	1986	1.74 / 5 9	76 / 168	52.16
						27.26
	Men's 50m Breaststroke	LIMA Felipe	1985	1.90 / 6'3"	90 / 198	
	Men's 100m Breaststroke	LIMA Felipe	1985	1.90 / 6'3"	90 / 198	1:00.37
	Men's 50m Butterfly	SILVA Glauber	1986	1.90 / 6'3"	92 / 203	22.88
	Men's 100m Butterfly	SILVA Glauber	1986	1.90 / 6'3"	92 / 203	50.97
CHN - China	Men's 50m Freestyle	CHEN Chaoqi	1999	1.78 / 5'10"	70 / 154	24.50
		GUO Wei	1996	1.78 / 5'10"	73 / 161	22.46
		YUAN Zixuan	1993	1.83 / 6'0"	75 / 165	23.96

Official Timekeeping by OMEGA

















BERLIN 2016

FINA/airweave Swimming World Cup 2016

PARIS-CHARTRES BERLIN MOSCOW BEIJING
DUBAI DOHA SINGAPORE TOKYO HONG KONG
AUGUST 30-31, 2016



BERLIN 2016

Entry List by NAT



As of WED 31 AUG 2016

NAT	Event	Name	Year of Birth	Height (m/ft in)	Weight (kg/lbs)	Qualifying Time
	Men's 100m Freestyle	CHEN Chaoqi	1999	1.78 / 5'10"	70 / 154	51.52
		CHENG Gong	1997	1.82 / 6'0"	77 / 170	50.88
		CUI Junming	1996	1.85 / 6'1"	70 / 154	51.97
		GUO Wei	1996	1.78 / 5'10"	73 / 161	50.0
		HAO Yun	1995	1.87 / 6'2"	78 / 172	49.0
		YUAN Zixuan	1993	1.83 / 6'0"	75 / 165	51.20
	Men's 200m Freestyle	CHEN Chaogi	1999	1.78 / 5'10"	70 / 154	1:50.22
	•	CHENG Gong	1997	1.82 / 6'0"	77 / 170	1:50.92
		HAO Yun	1995	1.87 / 6'2"	78 / 172	1:46.89
	Men's 400m Freestyle	CHEN Chaogi	1999	1.78 / 5'10"	70 / 154	3:54.4
	Men's 50m Breaststroke	LIU Yunsong	1999	1.83 / 6'0"	75 / 165	28.8
	Men's 100m Breaststroke	LIU Yunsong	1999	1.83 / 6'0"	75 / 165	1:01.19
	Mono room Broadianoko	YUAN Zixuan	1993	1.83 / 6'0"	75 / 165	1:04.09
	Men's 200m Breaststroke	LIU Yunsong	1999	1.83 / 6'0"	75 / 165	2:12.29
	Men's 50m Butterfly	CUI Junming	1996	1.85 / 6'1"	70 / 154	24.17
	Men 3 donn Batterny	GUO Wei	1996	1.78 / 5'10"	73 / 161	24.49
	Men's 100m Butterfly	CUI Junming	1996	1.85 / 6'1"	70 / 154	55.9
	Men's 200m Butterfly	_	1995			1:55.0
OLD OLLE	•	HAO Yun		1.87 / 6'2"	78 / 172	
CLB - Club	Men's 50m Freestyle	BERGMANN Jonas	1995			22.2
		EWALD Mirko	1993			22.78
		FRANKE Dominik	1990			21.9
		KUNERT Alexander	1996			23.0
		LITKE Alexander	1998			22.8
		SUCK Tim-Thorben	1994			21.8
		ZWIESIGK Timo	1995			22.9
	Men's 100m Freestyle	BERGMANN Jonas	1995			48.8
		EWALD Mirko	1993			49.79
		INGENRIETH Maurice	2000			52.23
		LITKE Alexander	1998			50.4
		NIESTROY Tobias	1997			49.9
		ZWIESIGK Timo	1995			49.7
	Men's 200m Freestyle	INGENRIETH Maurice	2000			1:49.8
		LITKE Alexander	1998			1:49.9
		NIESTROY Tobias	1997			1:49.1
	Men's 1500m Freestyle	WELLBROCK Florian	1997			14:55.00
	Men's 50m Backstroke	BRAUNSCHWEIG Ole	1997			25.3
		KÖNNEKER Robert	1986			25.5
		NIGL Jan	1987			25.14
	Men's 100m Backstroke	BEHNKE Kevin Jan	2001			1:04.0
		BRAUNSCHWEIG Ole	1997			54.5
		DACHNER Maximilian	2002			1:04.0
		FRIEDEL Richard Vincent	2002			1:06.0
		NIESTROY Tobias	1997			57.2
		WOLF Felix	1989			52.5
	Men's 200m Backstroke	BEHNKE Kevin Jan	2001			2:20.0
	Mon o Zoom Badkotroke	BRAUNSCHWEIG Ole	1997			1:57.6
		DACHNER Maximilian	2002			2:22.0
		FRIEDEL Richard Vincent	2002			2:28.0
		INGENRIETH Maurice				2:02.7
	Monto Form Deposit-trail-		2000			
	Men's 50m Breaststroke	FRANKE Dominik	1990			27.5
		LITKE Alexander	1998			28.4
		SUCK Tim-Thorben	1994			27.5
	Men's 100m Breaststroke	FRANKE Dominik	1990			59.7
	Men's 50m Butterfly	BERGMANN Jonas	1995			23.2
		KUNERT Alexander	1996			24.5

Official Timekeeping by OMEGA

















Fina
airweave
SWIMMING
WORLD CUP
BERLIN 2016

PARIS-CHARTRES
DUBAI DOHA

BERLINSINGAPORE

5

MOSCOW TOKYO BEIJING HONG KONG



BERLIN 2016

August 30-31, 2016

Entry List by NAT



As of WED 31 AUG 2016

NAT	Event	Name	Year of Birth	Height (m/ft in)	Weight (kg/lbs)	Qualifying Time
	Men's 100m Butterfly	BEHNKE Kevin Jan	2001			1:01.50
		BRAUNSCHWEIG Ole	1997			54.88
		DACHNER Maximilian	2002			1:03.50
		FRIEDEL Richard Vincent	2002			1:06.00
		INGENRIETH Maurice	2000			55.40
		ZWIESIGK Timo	1995			53.43
	Men's 200m Butterfly	INGENRIETH Maurice	2000			2:02.94
	Men's 100m Individual Medley	BEHNKE Kevin Jan	2001			1:05.00
		BRAUNSCHWEIG Ole	1997			58.01
		DACHNER Maximilian	2002			1:06.00
		FRANKE Dominik	1990			53.52
		FRIEDEL Richard Vincent	2002			1:08.00
		INGENRIETH Maurice	2000			58.14
		LANGE Tobias	1993			58.06
		LITKE Alexander	1998			58.21
		NIESTROY Tobias	1997			58.38
		ZWIESIGK Timo	1995			55.05
	Men's 200m Individual Medley	LITKE Alexander	1998			2:03.67
		NIESTROY Tobias	1997			2:03.65
	Men's 400m Individual Medley	NIESTROY Tobias	1997			4:25.00
CZE - Czech Republic	Men's 400m Freestyle	MICKA Jan	1995	1.84 / 6'0"	80 / 176	3:41.67
	Men's 1500m Freestyle	MICKA Jan	1995	1.84 / 6'0"	80 / 176	14:35.50
IN - Finland	Men's 50m Butterfly	POYTAKIVI Riku	1993			23.07
	Men's 100m Butterfly	POYTAKIVI Riku	1993			52.00
RA - France	Men's 50m Freestyle	AUBRY Flavien	1994	1.80 / 5'11"	71 / 157	23.11
	Men's 100m Freestyle	AUBRY Flavien	1994	1.80 / 5'11"	71 / 157	49.65
		CAYOT Alexandre	1994	1.85 / 6'1"	78 / 172	49.30
	Men's 200m Freestyle	CAYOT Alexandre	1994	1.85 / 6'1"	78 / 172	1:52.50
	Men's 50m Butterfly	AUBRY Flavien	1994	1.80 / 5'11"	71 / 157	24.06
	Men's 100m Butterfly	AUBRY Flavien	1994	1.80 / 5'11"	71 / 157	52.78
	Men's 100m Individual Medley	AUBRY Flavien	1994	1.80 / 5'11"	71 / 157	56.65
GBR - Great Britain	Men's 50m Freestyle	BARRETT Adam	1992	1.91 / 6'3"	87 / 192	24.48
		PROUD Benjamin	1994	1.85 / 6'1"	87 / 192	20.74
	Men's 100m Freestyle	BARRETT Adam	1992	1.91 / 6'3"	87 / 192	48.53
		PROUD Benjamin	1994	1.85 / 6'1"	87 / 192	45.97
	Men's 200m Freestyle	GUY James	1995	1.88 / 6'2"	83 / 183	1:42.93
	Men's 400m Freestyle	GUY James	1995	1.88 / 6'2"	83 / 183	3:36.35
	Men's 50m Butterfly	BARRETT Adam	1992	1.91 / 6'3"	87 / 192	23.50
	-	PROUD Benjamin	1994	1.85 / 6'1"	87 / 192	22.39
	Men's 100m Butterfly	BARRETT Adam	1992	1.91 / 6'3"	87 / 192	50.26
SER - Germany	Men's 200m Freestyle	HEINTZ Philip	1991	1.92 / 6'4"	86 / 190	1:44.63
•	Men's 400m Freestyle	ZELLMANN Poul	1995	1.81 / 5'11"	72 / 159	3:45.35
	Men's 1500m Freestyle	ZELLMANN Poul	1995	1.81 / 5'11"	72 / 159	14:54.51
	Men's 200m Backstroke	ZELLMANN Poul	1995	1.81 / 5'11"	72 / 159	1:58.00
	Men's 100m Breaststroke	KOCH Marco	1990	1.85 / 6'1"	80 / 176	58.00
	Men's 200m Breaststroke	KOCH Marco	1990	1.85 / 6'1"	80 / 176	2:00.53
	Men's 200m Butterfly	HEINTZ Philip	1991	1.92 / 6'4"	86 / 190	1:54.37
	Men's 100m Individual Medley	HEINTZ Philip	1991	1.92 / 6'4"	86 / 190	53.36
	Men's 200m Individual Medley	HEINTZ Philip	1991	1.92 / 6'4"	86 / 190	1:53.64
		KOCH Marco	1990	1.85 / 6'1"	80 / 176	1:56.82
	Men's 400m Individual Medley	HEINTZ Philip	1991	1.92 / 6'4"	86 / 190	4:11.10
		KOCH Marco	1990	1.85 / 6'1"	80 / 176	4:01.87
		ZELLMANN Poul	1995	1.81 / 5'11"	72 / 159	4:16.99
HKG - Hong Kong	Men's 50m Breaststroke	KWOK Ka Fai	1996	1.70 / 5'7"	67 / 148	28.75
riong nong	MONO COM DICASISHONE	ANNOIN ING I GI	1990	1.10/01	01 / 170	20.70

Official Timekeeping by OMEGA

















SWIMMING WORLD CUP

BERLIN 2016



PARIS-CHARTRES DOHA DUBAI

5 BERLIN SINGAPORE



MOSCOW TOKYO

HONG KONG



BERLIN 2016

August 30-31, 2016

Entry List by NAT



As of WED 31 AUG 2016

NAT	Event	Name	Year of Birth	Height (m/ft in)	Weight (kg/lbs)	Qualifying Time
	Men's 100m Breaststroke	KWOK Ka Fai	1996	1.70 / 5'7"	67 / 148	1:02.23
		TSUI Hoi Tung Ronald	1992	1.81 / 5'11"	80 / 176	1:00.91
	Men's 200m Breaststroke	KWOK Ka Fai	1996	1.70 / 5'7"	67 / 148	2:13.43
	Men's 100m Individual Medley	MAK Ho Lun Raymond	1992	1.80 / 5'11"	70 / 154	55.40
	Men's 200m Individual Medley	MAK Ho Lun Raymond	1992	1.80 / 5'11"	70 / 154	2:05.42
JPN - Japan	Men's 50m Freestyle	SHIOURA Shinri	1991	1.88 / 6'2"	90 / 198	21.65
	Men's 100m Freestyle	SHIOURA Shinri	1991	1.88 / 6'2"	90 / 198	47.52
	Men's 1500m Freestyle	HIRAI Yasunari	1990	1.75 / 5'9"	75 / 165	15:02.50
	Men's 200m Backstroke	FUJIMORI Hiromasa	1991	1.76 / 5'9"	72 / 159	1:54.41
	Men's 50m Breaststroke	OSHIKIRI Yuta	1993	1.71 / 5'7"	66 / 146	27.67
	Men's 100m Breaststroke	OSHIKIRI Yuta	1993	1.71 / 5'7"	66 / 146	59.78
	Men's 200m Breaststroke	FUJIMORI Hiromasa	1991	1.76 / 5'9"	72 / 159	2:08.76
		OSHIKIRI Yuta	1993	1.71 / 5'7"	66 / 146	2:11.11
	Men's 50m Butterfly	SHIOURA Shinri	1991	1.88 / 6'2"	90 / 198	22.91
	Men's 100m Individual Medley	FUJIMORI Hiromasa	1991	1.76 / 5'9"	72 / 159	53.14
	Men's 200m Individual Medley	FUJIMORI Hiromasa	1991	1.76 / 5'9"	72 / 159	1:53.88
MEX - Mexico	Men's 100m Freestyle	BRISENO RAMIREZ Horus	1992			50.52
	Men's 50m Backstroke	BRISENO RAMIREZ Horus	1992			26.52
	Men's 100m Backstroke	BRISENO RAMIREZ Horus	1992			55.88
	Men's 200m Backstroke	BRISENO RAMIREZ Horus	1992			1:58.80
	Men's 50m Butterfly	BRISENO RAMIREZ Horus	1992			25.66
	Men's 100m Individual Medley	BRISENO RAMIREZ Horus	1992			58.80
PAR - Paraguay	Men's 50m Breaststroke	PRONO Renato	1991	0.78 / 2'7"	183 / 403	26.12
Ait - I alaguay	Men's 100m Breaststroke	PRONO Renato	1991	0.78 / 2'7"	183 / 403	59.90
QAT - Qatar		ABOUGHAZALA A	2000	0.76727	103 / 403	1:58.09
JAI - Qalai	Men's 200m Freestyle	ABOUGHAZALA A ABOUGHAZALA A	2000			4:10.5
	Men's 400m Freestyle Men's 1500m Freestyle	ABOUGHAZALA A ABOUGHAZALA A	2000			16:55.74
RSA - South Africa	•			1 00 / 6'0"	75 / 165	
KSA - South Airica	Men's 50m Freestyle	LE CLOS Chad	1992	1.82 / 6'0"	75 / 165	20.7
	Men's 50m Breaststroke	VAN DER BURGH Cameron	1988	1.87 / 6'2"	82 / 181	26.62
	Men's 100m Breaststroke	VAN DER BURGH Cameron	1988	1.87 / 6'2"	82 / 181	59.61
	Men's 200m Breaststroke	VAN DER BURGH Cameron	1988	1.87 / 6'2"	82 / 181	2:10.13
	Men's 50m Butterfly	LE CLOS Chad	1992	1.82 / 6'0"	75 / 165	23.23
	Men's 100m Butterfly	LE CLOS Chad	1992	1.82 / 6'0"	75 / 165	51.56
	Men's 200m Butterfly	LE CLOS Chad	1992	1.82 / 6'0"	75 / 165	1:54.42
RUS - Russia	Men's 50m Freestyle	MOROZOV Vladimir	1992	4 00 / 014	07 / 100	21.09
		PRIGODA Kirill	1995	1.93 / 6'4"	87 / 192	21.84
		ZHILKIN Andrey	1995			22.10
	Men's 100m Freestyle	MOROZOV Vladimir	1992			46.68
	Men's 200m Freestyle	LOBUZOV Artem	1991			1:44.86
		PASYNKOV Daniil	1994			1:48.80
	Men's 50m Backstroke	DONETS Stanislav	1983			23.52
		ZHILKIN Andrey	1995			25.34
	Men's 100m Backstroke	DONETS Stanislav	1983			50.30
		LOBUZOV Artem	1991			55.6
	Men's 50m Breaststroke	PRIGODA Kirill	1995	1.93 / 6'4"	87 / 192	26.38
		ZANKO Vsevolod	1995			28.02
		ZHILKIN Andrey	1995			28.80
	Men's 100m Breaststroke	MOROZOV Vladimir	1992			56.9
		PRIGODA Kirill	1995	1.93 / 6'4"	87 / 192	57.43
		ZANKO Vsevolod	1995			58.26
	Men's 200m Breaststroke	PRIGODA Kirill	1995	1.93 / 6'4"	87 / 192	2:09.97
	Men's 50m Butterfly	ZHILKIN Andrey	1995			23.69
	Men's 200m Butterfly	OSIPENKO Aleksandr	1995			1:59.14

Official Timekeeping by OMEGA

















FINA/airweave Swimming World Cup 2016

PARIS-CHARTRES 5 DUBAI 5 DOHA

BERLIN SINGAPORE MOSCOW **TOKYO**

HONG KONG

SWIMMING WORLD CUP

BERLIN 2016

August 30-31, 2016

Entry List by NAT



As of WED 31 AUG 2016

NAT	Event	Name	Year of Birth	Height (m/ft in)	Weight (kg/lbs)	Qualifying Time
	Men's 100m Individual Medley	KASHPERSKII Sergei	1992			54.11
	•	MOROZOV Vladimir	1992			54.39
		OSIPENKO Aleksandr	1995			56.13
		ZHILKIN Andrey	1995			54.57
	Men's 200m Individual Medley	KASHPERSKII Sergei	1992			1:55.71
	•	OSIPENKO Aleksandr	1995			1:58.00
	Men's 400m Individual Medley	PASYNKOV Daniil	1994			4:09.53
SIN - Singapore	Men's 50m Freestyle	BOON Ji Chao Benedict	1996	1.70 / 5'7"	65 / 143	23.04
mit - omgapore	Men's 100m Freestyle	BOON Ji Chao Benedict	1996	1.70 / 5'7"	65 / 143	50.34
	Men's 200m Freestyle	BOON Ji Chao Benedict	1996	1.70 / 5'7"	65 / 143	1:50.25
	Men's 100m Backstroke	LOW Malcolm	1997	1.76 / 5'9"	65 / 143	57.45
	Men's 200m Backstroke	LOW Malcolm	1997	1.76 / 5'9"	65 / 143	2:03.41
	Men's 50m Breaststroke	LOW Malcolm	1997	1.76 / 5'9"	65 / 143	29.35
	Men's 200m Individual Medley	LOW Malcolm	1997	1.76 / 5'9"	65 / 143	2:04.22
SRB - Serbia	Men's 50m Freestyle	STJEPANOVIC Velimir	1993	1.83 / 6'0"	74 / 163	23.49
	Men's 100m Freestyle	STJEPANOVIC Velimir	1993	1.83 / 6'0"	74 / 163	48.50
	Men's 200m Freestyle	STJEPANOVIC Velimir	1993	1.83 / 6'0"	74 / 163	1:46.04
	Men's 400m Freestyle	STJEPANOVIC Velimir	1993	1.83 / 6'0"	74 / 163	3:46.72
	Men's 1500m Freestyle	STJEPANOVIC Velimir	1993	1.83 / 6'0"	74 / 163	15:47.14
SVK - Slovakia	Men's 400m Individual Medley	GUTYAN Peter	1991			4:29.07
UAE - United Arab Emirat	Men's 50m Freestyle	ALMENHALI Q	1992	1.73 / 5'8"	70 / 154	25.91
	Men's 100m Freestyle	ALMENHALI Q	1992	1.73 / 5'8"	70 / 154	55.81
	Men's 50m Backstroke	ALMENHALI Q	1992	1.73 / 5'8"	70 / 154	29.13
	Men's 100m Backstroke	ALMENHALI Q	1992	1.73 / 5'8"	70 / 154	1:03.60
	Men's 50m Breaststroke	ALHAMMADI O.	1993	1.76 / 5'9"	74 / 163	30.23
	Men's 100m Butterfly	ALHAMMADI O.	1993	1.76 / 5'9"	74 / 163	1:00.76
	Men's 200m Butterfly	ALHAMMADI O.	1993	1.76 / 5'9"	74 / 163	2:12.63
	Men's 100m Individual Medley	ALHAMMADI O.	1993	1.76 / 5'9"	74 / 163	1:01.64
	Men's 200m Individual Medley	ALHAMMADI O.	1993	1.76 / 5'9"	74 / 163	2:12.46
UKR - Ukraine	Men's 50m Freestyle	GOVOROV Andrii	1992	1.76 / 5 9	82 / 181	21.20
OKK - OKIAIIIe	Men's 30m rieestyle	KHLOPTSOV Andrii	1998	1.83 / 6'0"	75 / 165	21.20
	Men's 100m Freestyle	GOVOROV Andrii	1992	1.05 / 6'5"	82 / 181	49.25
	Men's 100m Freestyle	KHLOPTSOV Andrii	1998	1.83 / 6'0"	75 / 165	50.60
	Monto 50m Buttorfly	GOVOROV Andrii	1992	1.05 / 6'5"	82 / 181	22.36
	Men's 50m Butterfly	KHLOPTSOV Andrii	1998	1.83 / 6'0"	75 / 165	23.19
	Men's 100m Butterfly	KHLOPTSOV Andrii	1998	1.83 / 6'0"	75 / 165 75 / 165	52.37
USA - United States		ANDREW Michael	1999	1.63 / 6 0	757 105	21.69
USA - United States	Men's 50m Freestyle					
	Men's 100m Freestyle	ANDREW Michael	1999	1 00 / 5111"	70 / 161	48.49
	Maria 50m December	PHILLIPS Tim	1990	1.80 / 5'11"	73 / 161	47.82
	Men's 50m Breaststroke	ANDREW Michael	1999			27.10
	Men's 100m Breaststroke	ANDREW Michael	1999			58.32
	Men's 50m Butterfly	ANDREW Michael	1999	4.00 / =:44"	70 / 101	23.51
		PHILLIPS Tim	1990	1.80 / 5'11"	73 / 161	22.72
	Men's 100m Butterfly	PHILLIPS Tim	1990	1.80 / 5'11"	73 / 161	49.88
	Men's 100m Individual Medley	ANDREW Michael	1999			54.61
	Men's 200m Individual Medley	ANDREW Michael	1999			1:56.37

SWM000000_32A 4.0

NOCs are not required to submit the names of the swimmers for a relay event until one hour before the session for the swim, but all relay only swimmers must swim at least once in the relay event for which they are entered.

Revised after the last changes for session 3 and 4 (straight/timed finals)

Official Timekeeping by OMEGA



















BERLIN 2016

FINA/airweave Swimming World Cup 2016

PARIS-CHARTRES SERLIN MOSCOW EDEIJINDUBAI DOHA SINGAPORE TOKYO HONG K

SINGAPORE **☞** TOKYO **☞** HONG KONG August 30-31, 2016



BERLIN 2016

Entry List by NAT



As of WED 31 AUG 2016

NAT	Event	Name	Year of Birth	Height (m/ft in)	Weight (kg/lbs)	Qualifying Time
AUS - Australia	Women's 50m Freestyle	BARRATT Holly	1988			24.04
	•	GROVES Madeline	1995	1.72 / 5'8"	65 / 143	25.8
		WALLACE Tessa	1993	1.72 / 5'8"	59 / 130	28.0
	Women's 100m Freestyle	GROVES Madeline	1995	1.72 / 5'8"	65 / 143	58.8
	ŕ	NEALE Leah	1995	1.70 / 5'7"	64 / 141	55.3
	Women's 200m Freestyle	GROVES Madeline	1995	1.72 / 5'8"	65 / 143	1:56.0
		NEALE Leah	1995	1.70 / 5'7"		1:56.6
	Women's 400m Freestyle	NEALE Leah	1995	1.70 / 5'7"	64 / 141	4:01.8
	Women's 800m Freestyle	NEALE Leah	1995	1.70 / 5'7"		8:21.9
	Women's 50m Backstroke	BARRATT Holly	1988		0.7	27.9
	Women's com Backeticke	SEEBOHM Emily	1992	1.80 / 5'11"	70 / 154	26.3
	Women's 100m Backstroke	BARRATT Holly	1988	1.00 / 0 11	707101	58.8
	Women's Toom Backstoke	SEEBOHM Emily	1992	1.80 / 5'11"	70 / 154	55.4
	Women's 200m Backstroke	SEEBOHM Emily	1992	1.80 / 5 11"		1:59.4
	Women's 50m Breaststroke	WALLACE Tessa	1993	1.72 / 5'8"		31.5
						1:07.1
	Women's 100m Breaststroke	WALLACE Tessa	1993 1988	1.72 / 5'8"	59 / 130	
	Women's 50m Butterfly	BARRATT Holly		4 70 / 51011	05 / 440	26.1
		GROVES Madeline	1995	1.72 / 5'8"		25.9
		WALLACE Tessa	1993	1.72 / 5'8"		28.0
	Women's 100m Butterfly	GROVES Madeline	1995	1.72 / 5'8"		55.9
	Women's 200m Butterfly	GROVES Madeline	1995	1.72 / 5'8"		2:03.0
	Women's 100m Individual Medley	SEEBOHM Emily	1992	1.80 / 5'11"		58.2
		WALLACE Tessa	1993	1.72 / 5'8"		1:04.7
AUT - Austria	Women's 50m Freestyle	KREUNDL Lena	1997	1.70 / 5'7"		25.3
	Women's 100m Freestyle	KREUNDL Lena	1997	1.70 / 5'7"	55 / 121	54.8
	Women's 50m Backstroke	ZAISER Lisa	1994	1.74 / 5'9"	63 / 139	28.7
	Women's 100m Backstroke	ZAISER Lisa	1994	1.74 / 5'9"	63 / 139	1:01.5
	Women's 50m Breaststroke	KREUNDL Lena	1997	1.70 / 5'7"	(kg/lbs) 65 / 143 59 / 130 65 / 143 64 / 141 65 / 143 64 / 141 70 / 154 70 / 154 70 / 154 70 / 154 59 / 130 59 / 130 65 / 143 59 / 130 65 / 143 70 / 154 59 / 130 55 / 121 55 / 121 63 / 139	30.6
	Women's 100m Breaststroke	KREUNDL Lena	1997	1.70 / 5'7"		1:05.7
	Women's 50m Butterfly	ZAISER Lisa	1994	1.74 / 5'9"		26.9
	Women's 100m Butterfly	ZAISER Lisa	1994	1.74 / 5'9"		1:00.0
	Women's 100m Individual Medley	KREUNDL Lena	1997	1.70 / 5'7"		1:00.0
		ZAISER Lisa	1994	1.74 / 5'9"		59.7
	Women's 200m Individual Medley	ZAISER Lisa	1994	1.74 / 5'9"		2:09.2
BRA - Brazil	Women's 50m Freestyle	RIBEIRO Luana	1996	1.63 / 5'4"	55 / 121	25.6
	Women's 100m Freestyle	RIBEIRO Luana	1996	1.63 / 5'4"	55 / 121	55.6
	Women's 200m Freestyle	RIBEIRO Luana	1996	1.63 / 5'4"	55 / 121	2:02.9
	Women's 50m Butterfly	RIBEIRO Luana	1996	1.63 / 5'4"		26.9
CHN - China	Women's 200m Freestyle	SHAO Yiwen	1995	1.70 / 5'7"		1:57.7
	Women's 400m Freestyle	SHAO Yiwen	1995	1.70 / 5'7"		4:04.5
	Traine reality reaction	SHEN Junjie	1998	1.70 / 5'7"		4:09.8
	Women's 100m Butterfly	WANG Siqi	1998	1.75 / 5'9"		59.3
	Women's 200m Butterfly	WANG Siqi	1998	1.75 / 5'9"		2:04.0
CLB - Club	Women's 50m Freestyle	EICHHORN Doris	1993	1.70700	017 104	25.8
JLD - Olub	Women's 30m reestyle	ROß Maxie	2002			28.9
		SCHULTZ Anne-Helen STEIGER Jessica	2002			25.7
	Wamania 100m Franchila		1992			25.5
	Women's 100m Freestyle	EICHHORN Doris	1993			56.4
		ROß Maxie	2002			1:02.9
		SANDBERG Marlene	2002			1:04.0
		SCHULTZ Anne-Helen	2002			56.8
		TESCH Josephine	1999			56.5
		VON BAHDER Emma Louise	2002			1:03.5
		WROBEL Olivia	1998			56.8

Official Timekeeping by OMEGA



SWW000000_32A 3.0















SWIMMING WORLD CUP

BERLIN 2016

FINA/airweave Swimming World Cup 2016

PARIS-CHARTRES DOHA DUBAI

5 BERLIN SINGAPORE

MOSCOW TOKYO

HONG KONG SWIMMING WORLD CUP

BERLIN 2016

August 30-31, 2016

Entry List by NAT



As of WED 31 AUG 2016

NAT	Event	Name	Year of Birth	Height (m/ft in)	Weight (kg/lbs)	Qualifying Time
	Women's 200m Freestyle	ROß Maxie	2002			2:16.00
	•	SCHULTZ Anne-Helen	2002			2:02.66
		TESCH Josephine	1999			2:02.79
	Women's 400m Freestyle	HIERATH Yara Sophie	2001			4:21.50
		PRECHT Lena-Marie	1997			4:20.25
		SALEWSKI Kim	2001			4:21.94
		SCHULTZ Anne-Helen	2002			4:21.80
	Women's 50m Backstroke	BROCKHAUS Marie	1998			29.28
		EICHHORN Doris	1993			28.88
		LAHL Jenny	1989			28.04
		PULT Karolin	1991			29.98
		STEMBER Katharina	1999			29.34
	Women's 100m Backstroke	EICHHORN Doris	1993			1:02.43
	Women's Toom Backstoke	HIERATH Yara Sophie	2001			1:03.00
			1989			59.49
		LAHL Jenny				
		PULT Karolin	1991			1:04.23
		STEMBER Katharina	1999			1:03.71
	W	TOBEHN Maya	2002			1:08.00
	Women's 200m Backstroke	EICHHORN Doris	1993			2:15.69
		HIERATH Yara Sophie	2001			2:15.50
		PLATALLA Josi	2002			2:30.00
		SANDBERG Marlene	2002			2:32.00
		TESCH Josephine	1999			2:15.78
		TOBEHN Maya	2002			2:24.00
		VON BAHDER Emma Louise	2002			2:32.00
	Women's 50m Breaststroke	STEIGER Jessica	1992			32.23
	Women's 100m Breaststroke	SANDBERG Marlene	2002			1:20.00
		STEIGER Jessica	1992			1:08.83
		VON BAHDER Emma Louise	2002			1:19.00
	Women's 200m Breaststroke	SANDBERG Marlene	2002			2:44.00
		STEIGER Jessica	1992			2:27.37
		VON BAHDER Emma Louise	2002			2:42.00
	Women's 50m Butterfly	EICHHORN Doris	1993			27.43
		STEIGER Jessica	1992			27.17
		TESCH Josephine	1999			28.43
		WROBEL Olivia	1998			27.15
	Women's 100m Butterfly	HAUPT Antonia	1998			1:01.88
	,	PLATALLA Josi	2002			1:04.00
		SALEWSKI Kim	2001			1:02.77
		TOBEHN Maya	2002			1:03.00
		WROBEL Olivia	1998			1:00.89
	Women's 200m Butterfly	BROCKHAUS Marie	1998			2:13.00
	Tromon's 200m Bullomy	HAUPT Antonia	1998			2:14.12
		PLATALLA Josi	2002			2:28.00
		SALEWSKI Kim	2001			2:16.98
		WROBEL Olivia	1998			2:16.59
	Woman's 100m Individual Madley	EICHHORN Doris	1993			1:03.41
	Women's 100m Individual Medley					
		HAUPT Antonia	1998			1:03.33
		PLATALLA Josi	2002			1:10.00
		ROß Maxie	2002			1:10.00
		SCHULTZ Anne-Helen	2002			1:05.33
		TESCH Josephine	1999			1:05.05
		TOBEHN Maya	2002			1:08.00
		WROBEL Olivia	1998			1:04.12

Official Timekeeping by OMEGA



SWW000000_32A 3.0















FINA/airweave Swimming World Cup 2016

PARIS-CHARTRES S BERLIN MOSCOW DUBAI DOHA S SINGAPORE TOKYO

SINGAPORE STOKYO HONG

HONG KONG

airweave

SWIMMING
WORLD CUP

BERLIN 2016

August 30-31, 2016

Entry List by NAT



As of WED 31 AUG 2016

NAT	Event	Name	Year of Birth	Height (m/ft in)	Weight (kg/lbs)	Qualifying Time
	Women's 200m Individual Medley	HAUPT Antonia	1998			2:18.78
		HIERATH Yara Sophie	2001			2:15.50
		SALEWSKI Kim	2001			2:18.87
		SCHULTZ Anne-Helen	2002			2:18.90
		TESCH Josephine	1999			2:18.88
		WROBEL Olivia	1998			2:18.73
	Women's 400m Individual Medley	HAUPT Antonia	1998			4:56.01
	•	SALEWSKI Kim	2001			4:56.89
DEN - Denmark	Women's 50m Freestyle	OTTESEN Jeanette	1987	1.78 / 5'10"	73 / 161	23.49
	Women's 100m Freestyle	OTTESEN Jeanette	1987	1.78 / 5'10"	73 / 161	51.9°
	Women's 50m Butterfly	OTTESEN Jeanette	1987	1.78 / 5'10"	73 / 161	25.04
	Women's 100m Butterfly	OTTESEN Jeanette	1987	1.78 / 5'10"	73 / 161	55.10
FIN - Finland	Women's 50m Backstroke	UPANNE Lotta	1998			27.92
	Women's 100m Backstroke	UPANNE Lotta	1998			1:00.23
FRA - France	Women's 50m Freestyle	BOUSQUIN Lena	1995	1.78 / 5'10"	60 / 132	25.18
	Women's 100m Freestyle	BOUSQUIN Lena	1995	1.78 / 5'10"	60 / 132	55.17
	Women's 100m Breaststroke	MOUTON Magali	1999	0.55 / 1'10"	165 / 364	1:10.96
	Women's 200m Breaststroke	MOUTON Magali	1999	0.55 / 1'10"	165 / 364	2:31.42
	Women's 50m Butterfly	BOUSQUIN Lena	1995	1.78 / 5'10"	60 / 132	27.37
GBR - Great Britain	Women's 200m Freestyle	MILEY Hannah	1989	1.65 / 5'5"	53 / 117	1:57.08
	Women's 400m Freestyle	MILEY Hannah	1989	1.65 / 5'5"	53 / 117	4:01.1
	Women's 800m Freestyle	MILEY Hannah	1989	1.65 / 5'5"	53 / 117	8:28.7
	Women's 200m Butterfly	MILEY Hannah	1989	1.65 / 5'5"	53 / 117	2:08.3
	Women's 200m Individual Medley	MILEY Hannah	1989	1.65 / 5'5"	53 / 117	2:08.5
	Women's 400m Individual Medley	MILEY Hannah	1989	1.65 / 5'5"	53 / 117	4:26.8
GER - Germany	Women's 200m Freestyle	HENTKE Franziska	1989	1.72 / 5'8"	68 / 150	2:06.1
	Women's 800m Freestyle	HENTKE Franziska	1989	1.72 / 5'8"	68 / 150	8:24.6
	Women's 200m Butterfly	HENTKE Franziska	1989	1.72 / 5'8"	68 / 150	2:04.4
	Women's 200m Individual Medley	HENTKE Franziska	1989	1.72 / 5'8"	68 / 150	2:12.0
HKG - Hong Kong	Women's 100m Butterfly	CHAN Kin Lok	1994	1.59 / 5'3"	58 / 128	1:00.1
	Women's 100m Individual Medley	CHAN Kin Lok	1994	1.59 / 5'3"		1:02.2
HUN - Hungary	Women's 50m Freestyle	JAKABOS Zsuzsanna	1989	1.82 / 6'0"		24.5
	Women's 100m Freestyle	HOSSZU Katinka	1989	1.72 / 5'8"		52.4
		JAKABOS Zsuzsanna	1989	1.82 / 6'0"		53.9
	Women's 200m Freestyle	HOSSZU Katinka	1989	1.72 / 5'8"	73 / 161 73 / 161 73 / 161 73 / 161 73 / 161 73 / 161 73 / 161 73 / 161 73 / 161 73 / 161 73 / 161 73 / 161 73 / 161 73 / 161 73 / 161 73 / 161 75 / 17 75 / 1	1:52.79
		JAKABOS Zsuzsanna	1989	1.82 / 6'0"		1:56.5
	Women's 400m Freestyle	HOSSZU Katinka	1989	1.72 / 5'8"		3:58.8
	Women's 800m Freestyle	HOSSZU Katinka	1989	1.72 / 5'8"		8:18.9
		JAKABOS Zsuzsanna	1989	1.82 / 6'0"		8:34.5
	Women's 50m Backstroke	HOSSZU Katinka	1989	1.72 / 5'8"		26.1
	Women's 100m Backstroke	HOSSZU Katinka	1989	1.72 / 5'8"		55.4
	Women's 200m Backstroke	HOSSZU Katinka	1989	1.72 / 5'8"		1:59.7
	Women's 50m Butterfly	HOSSZU Katinka	1989	1.72 / 5'8"		26.2
	Women's 100m Butterfly	HOSSZU Katinka	1989	1.72 / 5'8"		57.6
	Women's 200m Butterfly	JAKABOS Zsuzsanna	1989	1.82 / 6'0"		2:05.1
	Women's 100m Individual Medley	HOSSZU Katinka	1989	1.72 / 5'8"		56.6
	Women's 200m Individual Medley	HOSSZU Katinka	1989	1.72 / 5'8"		2:02.5
	Momonla 400m la dividual Madi	JAKABOS Zsuzsanna	1989	1.82 / 6'0"		2:09.7
	Women's 400m Individual Medley	HOSSZU Katinka	1989	1.72 / 5'8"		4:19.7
IAM laws-t	Wemenle 50 5	JAKABOS Zsuzsanna	1989	1.82 / 6'0"		4:29.3
JAM - Jamaica	Women's 50m Freestyle	ATKINSON Alia	1988	1.72 / 5'8"		24.6
	Women's 100m Freestyle	ATKINSON Alia	1988	1.72 / 5'8"		56.2
	Women's 50m Breaststroke	ATKINSON Alia	1988	1.72 / 5'8"		28.80
	Women's 100m Breaststroke	ATKINSON Alia	1988	1.72 / 5'8"	69 / 152	1:02.36
	Women's 50m Butterfly	ATKINSON Alia	1988	1.72 / 5'8"	69 / 152	26.27
	Women's 100m Individual Medley	ATKINSON Alia	1988	1.72 / 5'8"	69 / 152	58.2

Official Timekeeping by OMEGA



SWW000000_32A 3.0















FINA/airweave Swimming World Cup 2016

PARIS-CHARTRES SERLIN MOSCOW EDIJING
DUBAI DOHA SINGAPORE TOKYO HONG KONG

August 30-31, 2016



REVISED

JEREN 2010

Entry List by NAT

31 AUG 15:51

As of WED 31 AUG 2016

NAT	Event	Name	Year of Birth	Height (m/ft in)	Weight (kg/lbs)	Qualifying Time
	Women's 200m Individual Medley	ATKINSON Alia	1988	1.72 / 5'8"	69 / 152	2:07.30
JPN - Japan	Women's 400m Freestyle	TAKAHASHI Miho	1992	1.61 / 5'3"	57 / 126	4:05.00
	Women's 50m Breaststroke	KANETO Rie	1988	1.75 / 5'9"	64 / 141	31.98
		SUZUKI Satomi	1991	1.68 / 5'6"	62 / 137	30.38
	Women's 100m Breaststroke	KANETO Rie	1988	1.75 / 5'9"	64 / 141	1:06.79
		SUZUKI Satomi	1991	1.68 / 5'6"	62 / 137	1:05.86
		TAKAHASHI Miho	1992	1.61 / 5'3"	57 / 126	1:07.73
	Women's 200m Breaststroke	KANETO Rie	1988	1.75 / 5'9"	64 / 141	2:19.65
		SUZUKI Satomi	1991	1.68 / 5'6"	62 / 137	2:24.44
	Women's 100m Individual Medley	TAKAHASHI Miho	1992	1.61 / 5'3"	57 / 126	1:02.22
	Women's 200m Individual Medley	TAKAHASHI Miho	1992	1.61 / 5'3"	57 / 126	2:12.35
	Women's 400m Individual Medley	TAKAHASHI Miho	1992	1.61 / 5'3"	57 / 126	4:30.49
RUS - Russia	Women's 50m Backstroke	USTINOVA Daria K	1998			26.96
	Women's 100m Backstroke	USTINOVA Daria K	1998			57.64
	Women's 200m Backstroke	USTINOVA Daria K	1998			2:01.57
	Women's 50m Breaststroke	EFIMOVA Yuliya	1992			30.13
	Women's 100m Breaststroke	EFIMOVA Yuliya	1992			1:03.19
	Women's 200m Breaststroke	EFIMOVA Yuliya	1992			2:18.55
	Women's 200m Individual Medley	EFIMOVA Yuliya	1992			2:06.90
SIN - Singapore		55 / 121	25.37			
	Women's 100m Freestyle	CHAN Marina	1997	1.67 / 5'6"	55 / 121	57.04
	Women's 200m Freestyle	LYE Li Hui Genevieve	2001	1.65 / 5'5"	60 / 132	2:08.74
	Women's 100m Backstroke	LYE Li Hui Genevieve	2001	1.65 / 5'5"	7 / 5'6" 55 / 121 5 / 5'5" 60 / 132	1:05.96
	Women's 50m Butterfly	CHAN Marina	1997	1.67 / 5'6"	55 / 121	27.62
	Women's 100m Butterfly	CHAN Marina	1997	1.67 / 5'6"	57 / 126 64 / 141 62 / 137 64 / 141 62 / 137 57 / 126 64 / 141 62 / 137 57 / 126 57 / 126 57 / 126 57 / 126 57 / 126	1:01.51
UKR - Ukraine	Women's 50m Backstroke	ZEVINA Daryna	1994	1.83 / 6'0"	62 / 137	25.99
	Women's 100m Backstroke	ZEVINA Daryna	1994	1.83 / 6'0"	62 / 137	55.54
	Women's 200m Backstroke	ZEVINA Daryna	1994	1.83 / 6'0"	62 / 137	2:04.00
	Women's 50m Butterfly	ZEVINA Daryna	1994	1.83 / 6'0"	62 / 137	26.49
	Women's 100m Individual Medley	ZEVINA Daryna	1994	1.83 / 6'0"	62 / 137	1:02.27
USA - United States	Women's 50m Freestyle	LARSON Breeja	1992			25.89
		MEILI Katie	1991	1.70 / 5'7"	61 / 134	24.52
	Women's 50m Breaststroke	LARSON Breeja	1992			30.30
		MEILI Katie	1991	1.70 / 5'7"	61 / 134	29.86
		ROBERTS Liz	1988	1.70 / 5'7"	61 / 134	31.12
	Women's 100m Breaststroke	LARSON Breeja	1992			1:05.37
		MEILI Katie	1991	1.70 / 5'7"	61 / 134	1:03.20
		ROBERTS Liz	1988	1.70 / 5'7"	61 / 134	1:07.61
	Women's 200m Breaststroke	LARSON Breeja	1992			2:21.69
	Women's 50m Butterfly	LARSON Breeja	1992			27.26
	-	ROBERTS Liz	1988	1.70 / 5'7"	61 / 134	28.33
	Women's 100m Individual Medley	MEILI Katie	1991	1.70 / 5'7"	61 / 134	58.93

Note

NOCs are not required to submit the names of the swimmers for a relay event until one hour before the session for the swim, but all relay only swimmers must swim at least once in the relay event for which they are entered.

Revised after the last changes for session 3 and 4 (straight/timed finals)

Official Timekeeping by OMEGA













