Grafton Police Department

Daily Logs

May 17 – May 23, 2015

For Date: 05/17/2015 - Sunday					
Time	Call Reason	Action			
	G8	SERVICES RENDERED			
	MOTOR VEHICLE STOP [GR 182] WESTBORO RD G3	VERBAL WARNING			
0811 Location/Address: Unit:		INVESTIGATED			
	ASSIST OTHER AGENCY WHEELER RD + WORCESTER ST G8	SERVICES RENDERED			
0932 Location/Address: Unit:		ACCIDENTAL/DEFECT ALARM			
	ALARM - BURGLAR [GR 2118] PROSPECT ST G8	ACCIDENTAL/DEFECT ALARM			
	ASSIST OTHER AGENCY [GR 5483] WATERVILLE ST G8	SERVICES RENDERED			
	ANIMAL COMPLAINT [GR 213] MILFORD RD	SERVICES RENDERED			
Location/Address:	GRALS-GRAFTON ALS	PATIENT REFUSAL			
1521 Location/Address: Fire Unit: EMS Unit: Fire Unit: Fire Unit: Fire Unit: Fire Unit: Fire Unit:	FIRE - BRUSH UPTON ST CR2-Command-CAR 2 DEP. MILLS GRALS-GRAFTON ALS EN1-Pumper-ENGINE 1 FOR2-Brush-FORESTRY 2 M1-Support-FD 4 WHEEL DRIVE TR6-Support-LIGHT TRUCK EN2-Pumper-ENGINE 2	SERVICES RENDERED			
1526 Location:	fire - brush Mass pike westbound	NO SERVICE REQUIRED			
1533 Location/Address:	MOTOR VEHICLE LOCKOUT SAMUEL DR	SERVICES RENDERED			

Unit: G10 1610 FIRE - STRUCTURE SERVICES RENDERED Location/Address: FOLLETTE ST Unit: G5 Fire Unit: CR1-Command-CAR 1 FIRE CHIEF GAUTHIER Fire Unit: EN2-Pumper-ENGINE 2 Fire Unit: TR6-Support-LIGHT TRUCK Fire Unit: LA1-Aerial-TOWER 1 Unit: G11 CR3-Command-CAR 3 ASST. CHIEF BARKER Fire Unit: 1725 WELL BEING CHECK SERVICES RENDERED Location/Address: BRUCE ST + PROVIDENCE RD Unit: G10 Unit: G5 1741 SUSPICIOUS ACTIVITY SERVICES RENDERED Location/Address: MILLBURY ST Unit: OD Unit: G5 Unit: G10 1751 FIRE - NATURAL GAS ODOR SERVICES RENDERED Location/Address: BELMONT ST Unit: G5 1900 RADAR ASSIGNMENT CITATION ISSUED Location/Address: MILLBURY ST 2102 OFFICER WANTED INVESTIGATED Location/Address: [GR 2059] CARROLL RD Unit: G10 For Date: 05/18/2015 - Monday 0331 MOTOR VEHICLE STOP CITATION ISSUED Location/Address: PROVIDENCE RD Unit: G8 0547 MOTOR VEHICLE STOP CITATION ISSUED Location/Address: MILFORD RD Unit: G3 0554 MOTOR VEHICLE STOP CITATION ISSUED Location/Address: [GR 2860] UPTON ST Unit: G8 0600 MOTOR VEHICLE STOP VERBAL WARNING Location/Address: [GR 5343] PROVIDENCE RD Unit: G3 0818 MOTOR VEHICLE STOP CITATION ISSUED Location/Address: [GR 4471] CREEPER HILL RD Unit: G10 0834 DRIVING ERRATICALLY AREA SEARCH NEGATIVE Location: RTE 140 Unit: G8 1006 ANIMAL COMPLAINT SERVICES RENDERED Location/Address: WORCESTER ST + WHEELER RD

SERVICES RENDERED

Unit:

G8 1055 FIRE - BRUSH

EMS Unit: GRALS-GRAFTON ALS Fire Unit: TANK1-Tanker-5000 GALLON TANKER Fire Unit: CR4-Command-CAR 4 ASST CHIEF CHAREST 1117 REMOVE UNWANTED PARTY SERVICES RENDERED Location/Address: MAPLE AVE Unit: G10 1132 FIRE - PUBLIC SERVICE SERVICES RENDERED Location/Address: LORDVALE BLVD EMS Unit: GRALS-GRAFTON ALS Fire Unit: CR4-Command-CAR 4 ASST CHIEF CHAREST Fire Unit: CR1-Command-CAR 1 FIRE CHIEF GAUTHIER Fire Unit: EN2-Pumper-ENGINE 2 1203 OFFICER WANTED SERVICES RENDERED Location/Address: MAPLE AVE Unit: G8 Unit: G10 1333 MOTOR VEHICLE VIOLATIONS SERVICES RENDERED Location/Address: [GR 5378] WORCESTER ST Unit: G4 1415 MOTOR VEHICLE STOP VERBAL WARNING Location/Address: OAK ST Unit: G1 1500 FOLLOW UP SERVICES RENDERED Location/Address: [GR 5378] WORCESTER ST 1505 ACCIDENT - HIT & RUN SERVICES RENDERED Location/Address: [GR 5] WORCESTER ST 1525 ASSIST OTHER POLICE DEPT AREA SEARCH NEGATIVE Location/Address: PROVIDENCE RD 1533 AMBULANCE - MEDICAL REMOVED TO HOSPITAL Location/Address: BUTTERCUP LN G5 Unit: EMS Unit: GRALS-GRAFTON ALS 1541 SUSPICIOUS AUTO AREA SEARCH NEGATIVE Location/Address: COACH HOUSE RD + GLENWOOD LN 1600 DISTURBANCE - GENERAL AREA SEARCH NEGATIVE Location/Address: FOLLETTE ST + FITZPATRICK RD Unit: G10 1626 OFFICER WANTED REFERRED TO OTHER AGENCY Location/Address: [GR 5343] PROVIDENCE RD Unit: G10 1628 FOLLOW UP SERVICES RENDERED Location/Address: PROVIDENCE RD Unit: G5 1635 ASSIST OTHER POLICE DEPT SERVICES RENDERED Location: AUBURN PD 1821 ALARM - BURGLAR ACCIDENTAL/DEFECT ALARM Location/Address: WORCESTER ST 1838 AMBULANCE MEDICAL - EMD PATIENT REFUSAL

Location/Address: OLD UPTON RD

Location/Address:	ORCHARD ST
Unit:	G10
EMS Unit:	GRALS-GRAFTON ALS

1840 ACCIDENT - NO INJURIES SERVICES RENDERED Location/Address: WORCESTER ST + PROVIDENCE RD Unit: G5

1902 FOLLOW UP Location/Address: [GR 5343] PROVIDENCE RD

1938 FOLLOW UP Location/Address: [GR 5] WORCESTER ST Unit: G5

Unit: G10

2040 OFFICER WANTED Location/Address: [GR 5343] PROVIDENCE RD

2122 KEEPING THE PEACE Location/Address: SAMUEL DR Unit: G5 Unit: G10

2151 MOTOR VEHICLE STOP Location/Address: DEERNOLM ST Unit: G5

For Date: 05/19/2015 - Tuesday

0005 SUSPICIOUS AUTO SERVICES RENDERED Location/Address: [GR 2175] CREEPER HILL RD Unit: G3 Unit: G8

0733 OFFICER WANTED Location/Address: [GR 5343] PROVIDENCE RD Unit: G10

0900 TRAFFIC CONTROL Location/Address: MAPLE AVE Unit: G2

0916 OFFICER WANTED Location/Address: MAIN ST Unit: G8

0920 WELL BEING CHECK Location/Address: MAIN ST Unit: G8

0951 NOTIFICATION Location/Address: MAIN ST

Location/Address: SOUTHFIELD CT EMS Unit: Unit: G8 Unit: G10

1243 AMBULANCE - MEDICAL GRALS-GRAFTON ALS

1323 ALARM UNKNOWN Location/Address: [GR 5343] PROVIDENCE RD

1337 RADAR ASSIGNMENT

SERVICES RENDERED

INVESTIGATED

SERVICES RENDERED

SERVICES RENDERED

SERVICES RENDERED

SERVICES RENDERED

SERVICES RENDERED

REFERRED TO OTHER AGENCY

SERVICES RENDERED

SERVICES RENDERED

REMOVED TO HOSPITAL

SERVICES RENDERED

CITATION ISSUED

Location/Address: MILLBURY ST + BRENDAN DR Unit: G4 1513 MOTOR VEHICLE STOP CITATION ISSUED Location/Address: PROVIDENCE RD Unit: G4 1539 MOTOR VEHICLE STOP CITATION ISSUED Location/Address: MILLBURY ST Unit: G4 1558 MOTOR VEHICLE STOP CITATION ISSUED Location/Address: MILLBURY ST Unit: G4 1615 MOTOR VEHICLE STOP CITATION ISSUED Location/Address: MILLBURY ST + BRENDAN DR Unit: G4 1652 ASSIST OTHER POLICE DEPT SERVICES RENDERED Location/Address: CENTENNIAL DR Unit: G5 1734 SUSPICIOUS ACTIVITY SERVICES RENDERED Location/Address: MILFORD RD Unit: G10 1839 LOST OR FOUND ARTICLE INFO RECORDED Location/Address: PROVIDENCE RD 1932 DAMAGE TO PROPERTY REFERRED TO OTHER AGENCY Location/Address: MAGILL DR Unit: G3 2013 ESCORT SERVICES RENDERED Location/Address: [GR 5343] PROVIDENCE RD Unit: G5 2059 MOTOR VEHICLE STOP ARREST - CUSTODY Location/Address: PROVIDENCE RD + MAIN ST G3 Unit: Unit: G5 Unit: G10 Refer To Arrest: 15-120-AR Arrest: LABOSSIERE, ROBERT P Address: 32 SPRING ST Apt. #B WHITINSVILLE, MA Age: 26 Charges: STOP FOR POLICE, FAIL SPEEDING NEGLIGENT OPERATION OF MOTOR VEHICLE PASSING VIOLATION LICENSE CLASS, OPERATE MV IN VIOLATION Refer To Arrest: 15-121-AR Arrest: HACKATHORN, SCOTT M JR Address: 142 N MAIN ST Apt. #L UXBRIDGE, MA Age: 29 STOP FOR POLICE, FAIL Charges: SPEEDING NEGLIGENT OPERATION OF MOTOR VEHICLE PASSING VIOLATION 2221 OFFICER WANTED SERVICES RENDERED Location/Address: KESSELL ST Unit: G10

Unit: G5

2348 FOLLOW UP Location/Address: KESSELL ST Unit: G11

For Date: 05/20/2015 - Wednesday

Unit: G8

0008 ROAD HAZZARD Location/Address: [GR 4567] WORCESTER ST Unit: G11

0533 MOTOR VEHICLE STOP

Location/Address: PROVIDENCE RD + MILFORD RD Unit: G3

0549 MOTOR VEHICLE STOP Location/Address: OLD WESTBORO RD + ADAMS RD

Location/Address: [GR 8907] WORCESTER ST Unit: G11

0611 MOTOR VEHICLE STOP Location/Address: [GR 5493] WORCESTER ST Unit: G8

0618 MOTOR VEHICLE STOP

Location/Address: [GR 4424] WORCESTER ST Unit: G3 Unit: G8 Refer To Summons: 15-122-AR Summons: CALDWELL, RICHARD A Address: 208 FAIRMONT AVE WORCESTER, MA Age: 26 Charges: LICENSE SUSPENDED, OP MV WITH INSPECTION/STICKER, NO

0733 SUSPICIOUS AUTO

Location/Address: FOLLETTE ST Unit: G8

0826 PARKING VIOLATION Location/Address: BAILIN CIR Unit: G8

0930 NOTIFICATION Location/Address: [GR 4567] WORCESTER ST

1108 LOST OR FOUND ARTICLE Location/Address: PROVIDENCE RD

Unit: G9

Location/Address: BRIGHAM HILL RD Unit: G9

1248 ALARM - BURGLAR

1421 ACCIDENT - PERSONAL INJURY INVESTIGATED Location/Address: OLD WESTBORO RD Unit: G9 Unit: G10 Unit: G8 EMS Unit: MIALS-MILLBURY ALS 1440 ROAD RAGE

Location/Address: MILFORD RD

SERVICES RENDERED

SERVICES RENDERED

VERBAL WARNING

SERVICES RENDERED

0601 MOTOR VEHICLE STOP

CITATION ISSUED

CITATION ISSUED

ARREST - SUMMONS

UNFOUNDED

SERVICES RENDERED

SERVICES RENDERED

SERVICES RENDERED

ACCIDENTAL/DEFECT ALARM

INVESTIGATED

Unit: G2 1542 ROAD RAGE SERVICES RENDERED Location/Address: [GR 5987] MILFORD RD Unit: G9 Unit: G8 Unit: G5 Unit: G3 1545 ERRATIC OPERATOR REFERRED TO OTHER AGENCY Location/Address: MILFORD RD 1606 PATROL OBSERVATION INVESTIGATED Location/Address: MILFORD RD Unit: G9 1609 FOLLOW UP INVESTIGATED Location/Address: PLEASANT ST Unit: G9 1630 ASSIST OTHER POLICE DEPT SERVICES RENDERED Location/Address: PROVIDENCE RD 1700 ALARM UNKNOWN SERVICES RENDERED Location/Address: COVENTRY RD Unit: G8 Fire Unit: EN1-Pumper-ENGINE 1 EMS Unit: GRALS-GRAFTON ALS 1705 ASSIST PUBLIC SERVICES RENDERED Location/Address: NOTTINGHAM RD Unit: G3 1732 ALARM UNKNOWN SERVICES RENDERED Location/Address: COVENTRY RD 1748 LARCENY / THEFT SERVICES RENDERED Location/Address: PROVIDENCE RD Unit: G8 1800 MOTOR VEHICLE STOP CITATION ISSUED Location/Address: PROVIDENCE RD Unit: G3 1833 AMBULANCE - MEDICAL REMOVED TO HOSPITAL Location/Address: WORCESTER ST Unit: G3 Unit: G5 EMS Unit: GRALS-GRAFTON ALS 1926 ROBBERY SERVICES RENDERED Location/Address: [GR 5550] WORCESTER ST Unit: G8 Unit: Unit: G3 G5 2046 RADAR ASSIGNMENT CITATION ISSUED Location/Address: SAUNDERS DR Unit: G9 2049 SUSPICIOUS ACTIVITY SERVICES RENDERED Location/Address: HIGH ST Unit: G8 For Date: 05/21/2015 - Thursday

0540 MOTOR VEHICLE STOP CITATION ISSUED Location/Address: WESTBORO RD + MASS PIKE E Unit: G8 0605 MONITORING STOP SIGN / LIGHT SERVICES RENDERED Location/Address: WORCESTER ST + CARROLL RD Unit: G11 0725 DISORDERLY PERSON(S) INVESTIGATED Location/Address: [GR 5425] PROVIDENCE RD Unit: G10 0909 SERVE SUMMONS UNABLE TO SERVE Location/Address: [GR 50285] WESTBORO RD Unit: G4 0930 SERVE SUMMONS UNABLE TO SERVE Location/Address: [GR 9427] PROVIDENCE RD Unit: G4 1122 MOTOR VEHICLE STOP SERVICES RENDERED Location/Address: OAK ST + PROVIDENCE RD Unit: G3 1128 TRAFFIC CONTROL ARREST - SUMMONS Location: VARIOUS LOCATIONS G3 Unit: Unit: G3 Refer To Summons: 15-123-AR Summons: HAKKARAINEN, KRISTA L Address: 53 RAYMOND ST HOLDEN, MA Age: 19 Charges: LIQUOR, PERSON UNDER 21 POSSESS Refer To Summons: 15-124-AR Summons: CONNORS, KEELEY E Address: 146 MALDEN ST WEST BOYLSTON, MA Age: 19 Charges: LIQUOR, PERSON UNDER 21 POSSESS Refer To Summons: 15-125-AR Juvenile Arrest Age: 17 Charges: LIQUOR, PERSON UNDER 21 POSSESS 1203 PARKING VIOLATION INVESTIGATED Location/Address: CORTLAND WAY Unit: G3 1212 SERVE SUMMONS SERVED IN HAND Location/Address: WESTBORO RD Unit: G4 1342 TRAFFIC CONTROL NO SERVICE REQUIRED Location/Address: MAPLE AVE + DEPOT ST Unit: G10 1431 MOTOR VEHICLE STOP CITATION ISSUED Location/Address: MILLBURY ST + HUDSON AVE Unit: G3 1441 NOTIFICATION SERVICES RENDERED Location/Address: PROVIDENCE RD 1508 LARCENY / THEFT SERVICES RENDERED Location/Address: [GR 5550] WORCESTER ST

1545 FOLLOW UP SERVICES RENDERED Location/Address: PROVIDENCE RD Unit: G3 1634 FOLLOW UP SERVICES RENDERED Location/Address: [GR 5550] WORCESTER ST Unit: G3 1653 OFFICER WANTED SERVICES RENDERED Location/Address: PROVIDENCE RD Unit: G10 1653 ALARM - BURGLAR SERVICES RENDERED Location/Address: BRIGHAM HILL RD Unit: G3 1654 SCAM/ATTEMPTED SCAM SERVICES RENDERED Location/Address: FALMOUTH DR 1658 OFFICER WANTED SERVICES RENDERED Location/Address: [GR 4495] MAIN ST Unit: G9 1800 NOTIFICATION SERVICES RENDERED Location/Address: INSTITUTE RD 1830 MOTOR VEHICLE STOP VERBAL WARNING Location/Address: PROVIDENCE RD Unit: G9 1855 OFFICER WANTED SERVICES RENDERED Location/Address: PROVIDENCE RD 1901 RADAR ASSIGNMENT CITATION ISSUED Location/Address: MILLBURY ST Unit: G8

SERVICES RENDERED

SERVICES RENDERED

INFO RECORDED

1906 RADAR ASSIGNMENT Location/Address: MAIN ST Unit:

1952 FIRE - MUTUAL AID Location/Address: [OX] JOEJENNY RD Fire Unit: REHAB-Support-REHAB TRUCK

G10

2208 ERRATIC OPERATOR Location/Address: UPTON ST

For Date: 05/22/2015 - Friday

0022 AMBULANCE - MEDICAL PATIENT REFUSAL Location/Address: [GR 182] WILLARD ST Unit: G9 EMS Unit: GRALS-GRAFTON ALS

0513 MOTOR VEHICLE STOP ARREST - CUSTODY Location/Address: [GR 8000] WORCESTER ST G9 Unit: Unit: G8 Refer To Arrest: 15-126-AR Arrest: URBAN, JOHN J Address: 23 WILLIAMS RD GRAFTON, MA Age: 31 Charges: WARRANT

	LICENSE SUSPENDED, OP MV WITH		
0630 Location/Address:	VANDALISM SIBLEY ST	INFO RECO	ORDED
0711 Location/Address: Unit:		CITATION	ISSUED
Location/Address:	MOTOR VEHICLE STOP PROVIDENCE RD G9	CITATION	ISSUED
	TRANSPORT PRISONER [GR 5343] PROVIDENCE RD G8	SERVICES	RENDERED
Location/Address: Fire Unit: Fire Unit: Unit:	FIRE - BRUSH POTTER HILL RD EN1-Pumper-ENGINE 1 CR4-Command-CAR 4 ASST CHIEF CHAREST G9 GRALS-GRAFTON ALS	SERVICES	RENDERED
	SUSPICIOUS AUTO POTTER HILL RD + BRIGHAM HILL RD G9	SERVICES	RENDERED
Location/Address: Fire Unit: EMS Unit: Fire Unit:	ALARM - FIRE YORKSHIRE LN EN2-Pumper-ENGINE 2 GRALS-GRAFTON ALS TR6-Support-LIGHT TRUCK CR4-Command-CAR 4 ASST CHIEF CHAREST	SERVICES	RENDERED
	VANDALISM [GR 5343] PROVIDENCE RD G4	INVESTIG	ATED
Location/Address:	G9	SERVICES	RENDERED
1329 Location/Address: Unit:		SERVICES	RENDERED
1342 Location/Address: Unit:		SERVICES	RENDERED
	HARASSMENT [GR 5343] PROVIDENCE RD G4	SERVICES	RENDERED
	DISORDERLY PERSON(S) [GR 5425] PROVIDENCE RD G4	INVESTIG	ATED
Location/Address: Unit:	G11	SERVICES	
	RADAR ASSIGNMENT MILLBURY ST + PROVIDENCE RD	CITATION	TSSOED

Unit: G9 1540 FOLLOW UP SERVICES RENDERED Location/Address: [GR 5550] WORCESTER ST G3 Unit: 1615 MOTOR VEHICLE STOP VERBAL WARNING Location/Address: [GR 8000] WORCESTER ST G5 Unit: 1824 MOTOR VEHICLE STOP CITATION ISSUED Location/Address: N MAIN ST Unit: G5 1838 OFFICER WANTED SERVICES RENDERED Location/Address: [GR 5000] FITZPATRICK RD Unit: G11 1857 RADAR ASSIGNMENT CITATION ISSUED Location/Address: MILLBURY ST Unit: G8 1947 ERRATIC OPERATOR SERVICES RENDERED Location/Address: LELAND HILL RD Unit: G5 Unit: G3 1954 ALARM - BURGLAR ACCIDENTAL/DEFECT ALARM Location/Address: PLEASANT ST Unit: G3 2017 AMBULANCE MEDICAL - EMD REMOVED TO HOSPITAL Location/Address: SUNRISE AVE EMS Unit: GRALS-GRAFTON ALS Unit: G5 2034 WELL BEING CHECK SERVICES RENDERED Location/Address: OLD WESTBORO RD Unit: GII G3 G11 2113 ALARM - BURGLAR SERVICES RENDERED Location/Address: [GR 4914] FERRY ST Unit: G5 2154 AMBULANCE MEDICAL - EMD REMOVED TO HOSPITAL Location/Address: BRIELLE RD EMS Unit: GRALS-GRAFTON ALS Unit: G5 2154 SUSPICIOUS AUTO SERVICES RENDERED Location/Address: CIDER MILL LN + CORTLAND WAY Unit: G11 Unit: G3 2200 DISTURBANCE - LOUD NOISE SERVICES RENDERED Location/Address: FITZPATRICK RD Unit: G3 2224 SUSPICIOUS PERSON SERVICES RENDERED Location/Address: [GR 0757] MILLBURY ST Unit: G11 Unit: G3

For Date: 05/23/2015 - Saturday

0011 DISTURBANCE - LOUD NOISE INVESTIGATED Vicinity of: MAIN ST Unit: G8 Unit: G9 0018 SUSPICIOUS ACTIVITY INVESTIGATED Vicinity of: HIGH ST Unit: G3 0032 FIRE - OTHER INVESTIGATED Vicinity of: PLEASANT ST Unit: G9 EMS Unit: GRALS-GRAFTON ALS Unit: G3 Unit: G8 Fire Unit: EN3-Pumper-ENGINE 3 Fire Unit: FOR3-Brush-FORESTRY 3 0831 MOTOR VEHICLE STOP CITATION ISSUED Location/Address: UPTON ST + STOWE RD Unit: G9 1040 MOTOR VEHICLE VIOLATIONS SERVICES RENDERED Location/Address: BRIDLE RIDGE DR Unit: G9 1142 FIRE - MUTUAL AID SERVICES RENDERED Location: [NO] STATION 2 ROCKDALE Fire Unit: EN3-Pumper-ENGINE 3 1238 AMBULANCE - MEDICAL PATIENT REFUSAL Location/Address: [GR 6901] WORCESTER ST EMS Unit: GRALS-GRAFTON ALS Unit: G4 1245 MOTOR VEHICLE STOP CITATION ISSUED Location/Address: PROVIDENCE RD Unit: G10 Unit: G10 1442 ALARM - BURGLAR ACCIDENTAL/DEFECT ALARM Location/Address: HINGHAM RD Unit: G5 1555 MOTOR VEHICLE LOCKOUT SERVICES RENDERED Location/Address: [GR 4937] WORCESTER ST Unit: G5 1805 LARCENY / THEFT SERVICES RENDERED Location/Address: [GR 0610] MAIN ST Unit: G11 Unit: G11 1900 RADAR ASSIGNMENT CITATION ISSUED Location/Address: MILLBURY ST SERVICES RENDERED 1923 OFFICER WANTED Location/Address: [GR 4001] BRIGHAM HILL RD Unit: G5 2206 DISTURBANCE - LOUD NOISE AREA SEARCH NEGATIVE Location/Address: FITZPATRICK RD 2216 MOTOR VEHICLE STOP SERVICES RENDERED Location/Address: [GR 2042] WORCESTER ST

Unit: G3

2327	OFFICER	WANTED	INVESTIGATED
Location/Address:	MILLBURY	ST	
Unit:	G9		
Unit:	G5		
Unit:	G3		