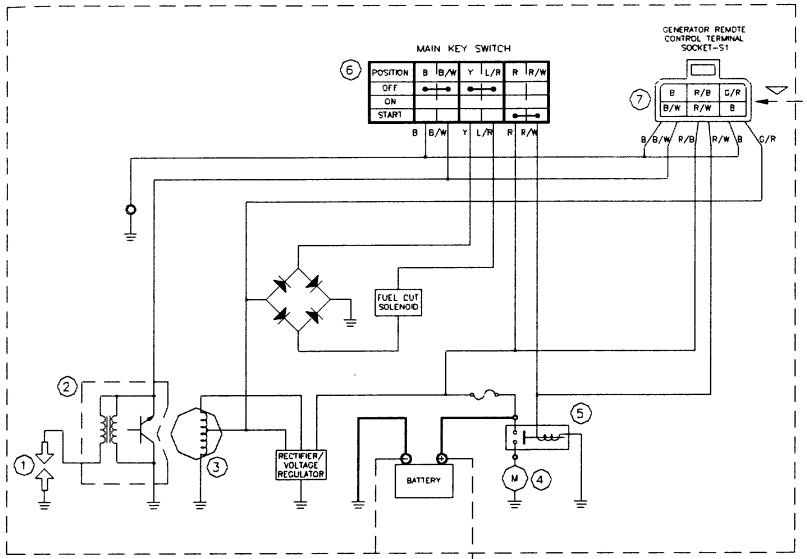
EXHIBIT B

[FCC Ref. 2.1033(b)(4)]

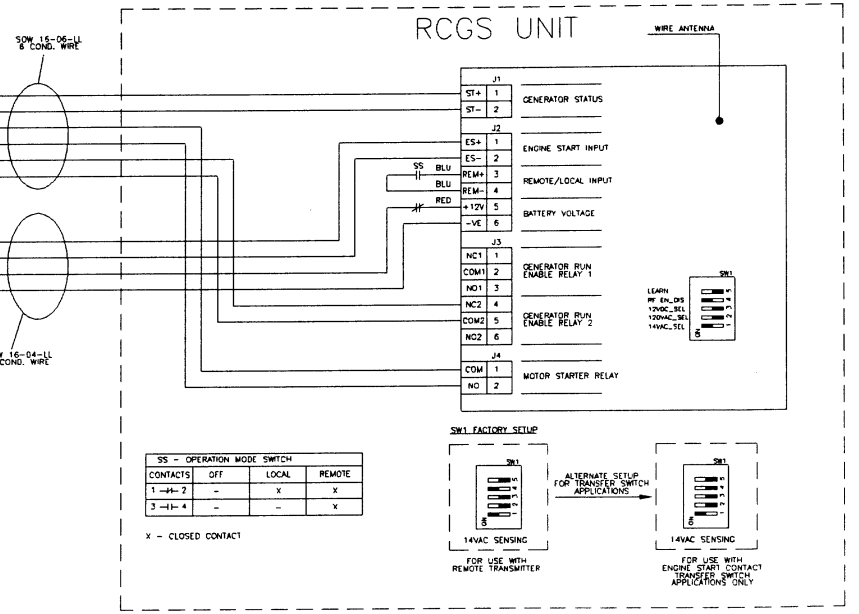
"Description of Circuit Functions"

CE41013

GENERATOR CONTROLS



NOTE:
NOT ALL GENERATOR INTERCONNECTION WIRING SHOWN.



SOW 16-06-LL 8 COND. WIRE

SOW 16-04-LL 4 COND. WIRE

SS BLU
BLU
RED

GRN
WHT
RED
BLK

ES ES

DRY ENGINE START CONTACT REQUIRED TRANSFER SWITCH APPLICATIONS ONLY

SS - OPERATION MODE SWITCH

CONTACTS	OFF	LOCAL	REMOTE
1 — 2	-	X	X
3 — 4	-	-	X

X - CLOSED CONTACT

MODES OF OPERATION:

1) 'Operation Mode' switch set to 'OFF' – This setting prevents generator from starting.

2) 'Operation Mode' switch set to 'LOCAL' – This setting allows user starting and stopping of generator via local panel controls on generator

3) 'Operation Mode' switch set to 'REMOTE' – This setting allows generator starting and stopping to be performed by a RCGS remote input signal. The remote input can be via user operated Remote Transmitter or the Engine Start Input.

REMOTE TRANSMITTER INPUT:

The Remote Transmitter (Key Fob) is a hand-held two-button device. The green button is used to starting sequence and the black button is used to stop the generator.

ENGINE START INPUT:

The Engine Start Input accepts a dry engine start contact from a transfer switch. When this contact is contact is closed, it activates the starting sequence. When this contact is opened, the generator stops.

GENRAL OPERATION:

When a start-input request is initiated by Remote Transmitter or Engine Start input, the Run Enable relay is energized enabling the operation of the generator ignition circuit. The Motor Starter Relay is then enabled to begin the start operation cycle (i.e. 7-second cranking followed by a 5-second rest period). Once the Generator Status input of the RCGS recognizes that the generator is up to speed and running, the Motor Starter Relay is disabled preventing further cranking from occurring.

When a stop-input request occurs, the Run Enable relay is de-energized disabling the generator ignition circuit and bringing the generator to a stop.

Note: Crank Limit Protection feature will be activated if generator does not start within four starting operations. This feature must be reset by user if further starting operations are required.

LEGEND:

1. SPARK PLUG
2. TCI UNIT
3. CHARGING COIL
4. STARTER MOTOR
5. STARTER MOTOR RELAY
6. MAIN KEY SWITCH (GENERATOR - FRONT PANEL)
7. REMOTE CONTROLO TERMINAL (GENERATOR - BACK PANEL)

▽ - CUSTOMER REQUIRED CONNECTION

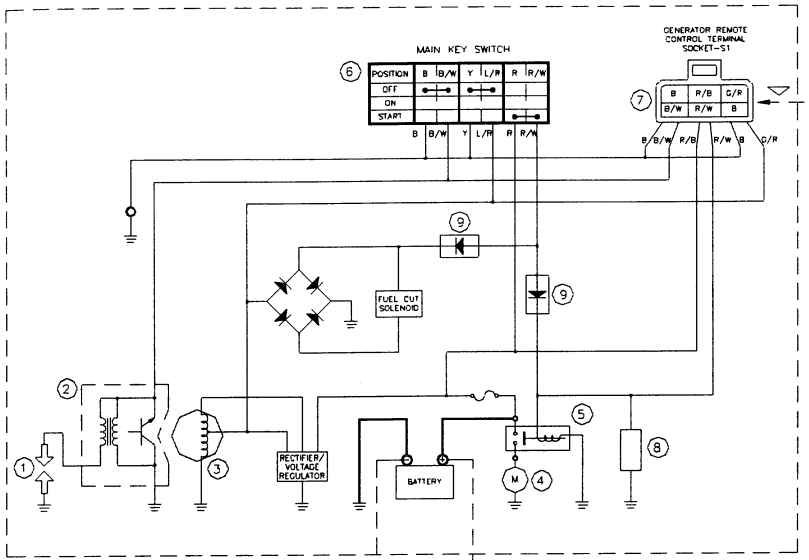
REVISION	
1	

DFTR M.MILEV	DATE 2.23.2002	Cutler-Hammer BURLINGTON	
APPD M.MILEV	DATE 2.23.2002	TITLE RCGS FIELD WIRING DIAGRAM	
APPD -	DATE -	TYPE RCGS - YAMAHA CDN. GASOLINE GENERATOR	
PRODUCT CODE 41072	REVISION 1	DWG SIZE B	G.O. --
		DWG CE41013	SHEET 1 OF 3

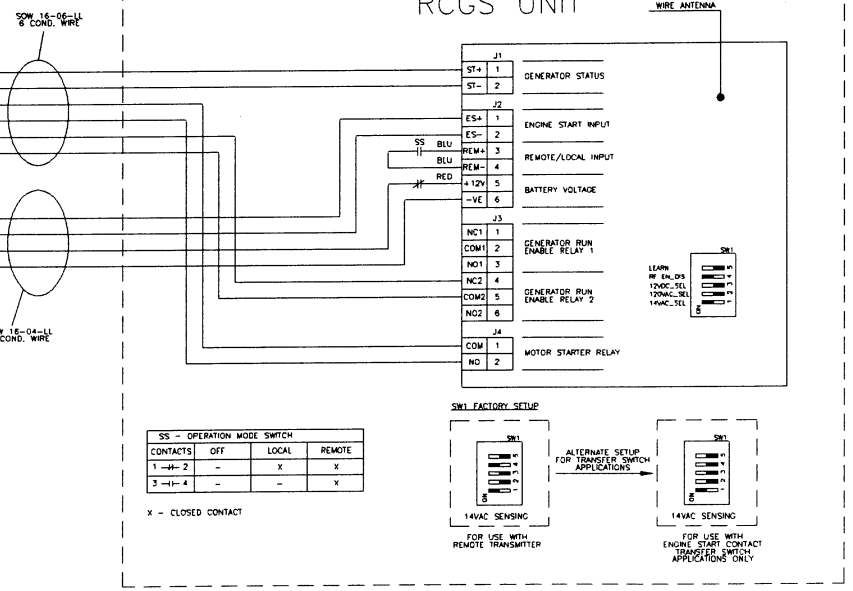
FCC ID: POK-RCGSTX
Marstech Report No. 21201D
EXHIBIT B(1)-1

CE41013

GENERATOR CONTROLS



NOTE:
NOT ALL GENERATOR INTERCONNECTION WIRING SHOWN.



SS - OPERATION MODE SWITCH

CONTACTS	OFF	LOCAL	REMOTE
1 — 2	-	X	X
3 — 4	-	-	X

X - CLOSED CONTACT

SW1 FACTORY SETUP

MODES OF OPERATION:

1) 'Operation Mode' switch set to 'OFF' - This setting prevents generator from starting.

2) 'Operation Mode' switch set to 'LOCAL' - This setting allows user starting and stopping of generator via local panel controls on generator

3) 'Operation Mode' switch set to 'REMOTE' - This setting allows generator starting and stopping to be performed by a RCGS remote input signal. The remote input can be via user operated Remote Transmitter or the Engine Start Input.

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ENGINE START INPUT:

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GENRAL OPERATION:

When a start-input request is initiated by Remote Transmitter or Engine Start input, the Run Enable relay is energized enabling the operation of the generator ignition circuit. The Motor Starter Relay is then enabled to begin the start operation cycle (i.e. 7-second cranking followed by a 5-second rest period). Once the Generator Status input of the RCGS recognizes that the generator is up to speed and running, the Motor Starter Relay is disabled preventing further cranking from occurring.

When a stop-input request occurs, the Run Enable relay is de-energized disabling the generator ignition circuit and bringing the generator to a stop.

Note: Crank Limit Protection feature will be activated if generator does not start within four starting operations. This feature must be reset by user if further starting operations are required.

LEGEND:

1. SPARK PLUG
2. TCI UNIT
3. CHARGING COIL
4. STARTER MOTOR
5. STARTER MOTOR RELAY
6. MAIN KEY SWITCH (GENERATOR - FRONT PANEL)
7. REMOTE CONTROLO TERMINAL (GENERATOR - BACK PANEL)
8. LPG - SOLENOID VALVE
9. DIODE

▽ - CUSTOMER REQUIRED CONNECTION

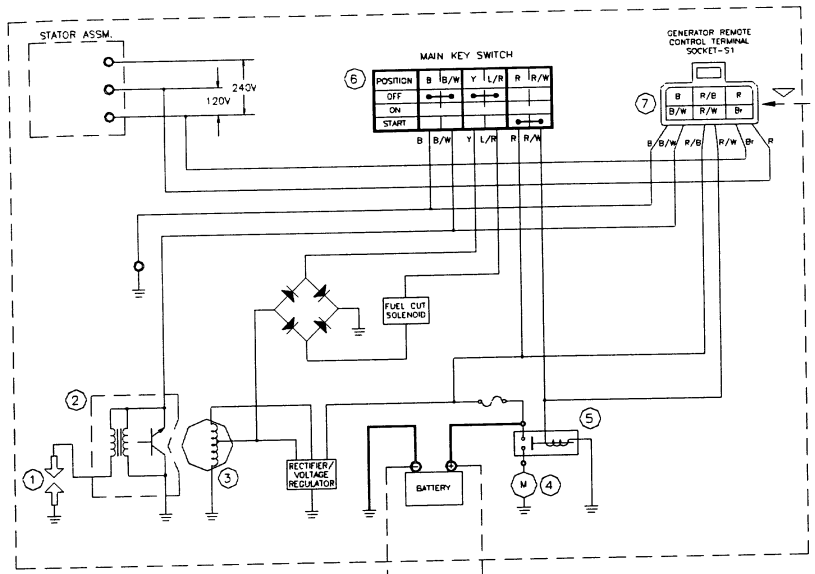
REVISION	
1	

DFTR M.MILEV	DATE 2.23.2002	Cutler-Hammer	BURLINGTON
APPD M.MILEV	DATE 2.23.2002	TITLE RCGS FIELD WIRING DIAGRAM	
APPD -	DATE -	TYPE RCGS - YAMAHA CDN. LPG GENERATOR	
PRODUCT CODE 41072	REVISION 1	DWG SIZE B	O.O. --
DWG CE41013	SHEET 2 OF 3		

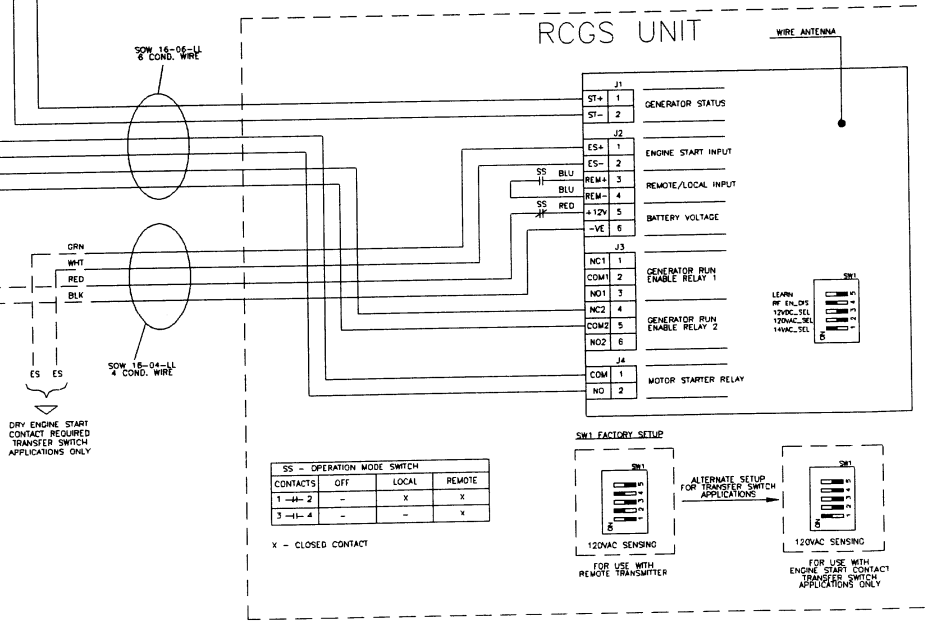
FCC ID: POK-RCGSTX
Marstech Report No. 21201D
EXHIBIT B(1)-2

CE41013

GENERATOR CONTROLS



NOTE:
NOT ALL GENERATOR INTERCONNECTION WIRING SHOWN.



SS - OPERATION MODE SWITCH

CONTACTS	OFF	LOCAL	REMOTE
1 — 2	-	x	x
3 — 4	-	-	x

x - CLOSED CONTACT

MODES OF OPERATION:

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When a stop-input request occurs, the Run Enable relay is de-energized disabling the generator ignition circuit and bringing the generator to a stop.

Note: Crank Limit Protection feature will be activated if generator does not start within four starting operations. This feature must be reset by user if further starting operations are required.

LEGEND:

1. SPARK PLUG
2. TCI UNIT
3. CHARGING COIL
4. STARTER MOTOR
5. STARTER MOTOR RELAY
6. MAIN KEY SWITCH (GENERATOR - FRONT PANEL)
7. REMOTE CONTROLO TERMINAL (GENERATOR - BACK PANEL)

▽ - CUSTOMER REQUIRED CONNECTION

REVISION	DESCRIPTION	DFTR	DATE
1		M.MILEV	2.23.2002

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APPD	DATE	Cutler-Hammer	BURLINGTON
M.MILEV	2.23.2002	TITLE	RCGS FIELD WIRING DIAGRAM
APPD	DATE	TYPE	RCGS - YAMAHA US GASOLINE GENERATOR
-	-		

PRODUCT CODE	REVISION	DWG SIZE	G.O.	DWG	SHEET
41072	1	B	--	CE41013	3 OF 3

FCC ID: POK-RCGSTX
Marstech Report No. 21201D
EXHIBIT B(1)-3