SEACALL
7000G MF/HF DSC Controller

- **GMDSS Compliant for Sea Areas A2/A3/A4 & A2**
- **Large, backlit LCD display provides complete information on incoming/outgoing calls**
- **Tactile keypad for ease of operation**
- **Multiple calling formats for routine and distress situations**
- **Quick recall memory function for the 45 most frequently called DSC ID codes, 45 Ne-code ID, 45 radio voice channels, and 8 DSC scan channels.**
- **Call Log records 40 most recent incoming distress/urgency calls and 40 routine messages**
- **NMEA 0183 interface for GPS input and transmitting vessel position coordinates**
- **SEABUSS™ control interface for SEA SSB radiotelephones**
- **RS232 Serial interface and Printer output**

SEACALL 7000G is a Digital Selective Calling (DSC) Controller that manages transmit and receive of DSC messages between DSC equipped HF/MF SSB radios.

Easily operated via the menu driven LCD display, and interfaced via SEABUSS™, the SEACALL 7000G is used in conjunction with the SEA 7001G DSC Watch Receivers and SEA MF/HF SSB radios.

When Routine or Distress messages are received, SEACALL automatically sounds a tone, logs the call into memory, and provides capability to transmit an acknowledgement through the SSB radio.

SEACALL 7000G automatically includes vessel position co-ordinates with DSC calls and Distress messages when interconnected with a GPS system. When a DSC distress signal is initiated, SEACALL will repeatedly transmit the call until the distress is acknowledged.

Since 1975 SEA has designed and manufactured advanced marine communication equipment and its products are well known throughout the industry for engineering excellence, performance, reliability, long life and ease of operation.

Today SEA HF/MF equipment is even more capable while staying ultra reliable and Operator friendly.

To learn more about this model or other SEA products, contact your local Marine Electronics Dealer or call SEA COM CORP at (425) 771-2182, or email sales@seacomcorp.com.

SEA 7000G Specifications

General

Supply Voltage: ....12 Vdc +30, -10% (13.6 Vdc nominal), isolated chassis

Current Drain: ....1A maximum

Operating Temperature Range: ....-15°C to +60°C

Safe Compass Distance: ....1 meter

Navigation Interface: ....NMEA 0183 Version 2.0 compatible with Loran, GPS, and Transmit equipment. Reads RMA, RMC, GLL, GGA, and TRF sentence formats

Position Update Interval: ....1 minute

Alarms: ....One internal, output for 1 or 2 Watts remote speaker alarms, externally available uncommitted normally open dry relay contact

Display: ....40 character by 4-line backlit LCD

Keypad: ....18 key, backlit with audible feedback

Clock: ....Date and time of day, battery backed

Calling Formats: ....All formats per ITU Recommendation 493 Class A

Audio Signal Output: ....0dBm nominal into 600Ω

Audio Signal Input: ....0dBm ± 10db, 600Ω

MF/HF 7000G Compliance

FCC ID: BZ6SEA7000

ITU Recommendations: ....M.493 and M.541
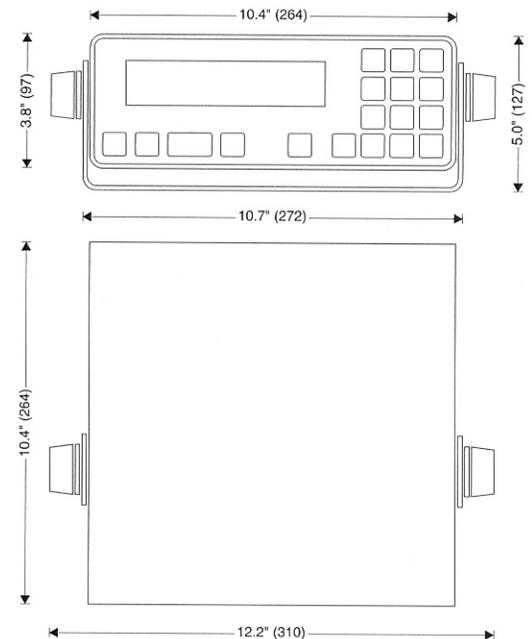
IMO Resolution: …………………..A.804 and A.806

MF/HF SSB Radio Interface:

Balanced receive audio, balanced transmit audio, push-to-talk, scan stop with software programmable polarity, SEABUSS™ control interface for SEA radios.

DSC calling Memory:

Non volatile memory for unit DSC ID directories (individual and groups), 45 frequently called DSC ID, Ne-code ID and 45 telephone numbers with alphabetic names, the last 45 radio voice channels and 8 DSC scan channels and the last 40 DSC Distress, Urgent and Routine DSC call types.

SEACALL 7000G
Dimensions in inches (mm)
5 lbs. (2.3 kgs.)

10.4" (264)
3.8" (97)
5.0" (127)
10.7" (272)
10.4" (264)
12.2" (310)

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