

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Batteryless Telephone System

with type designation(s)
GICOM-SPTSYS

Issued to

GICOM S.R.L.
Genova GE, Italy

is found to comply with

DNV GL rules for classification – Ships, offshore units, and high speed and light craft

Application :

See page 2

Issued at **Høvik** on **2019-04-24**

This Certificate is valid until **2024-04-23**.

DNV GL local station: **Genoa**

for **DNV GL**

Approval Engineer: **Frode Nygård**

.....
Trond Sjøvåg
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Product description

GICOM Batteryless Telephone System, available in the following models:

Model	Description	Environment
G-SPT-11-xxx	Single way Sound Powered Telephone, wall/console/portable, with/whithout headset/microphone	Exposed
G-SPT-21-xxx	Intrinsically safe Single way Sound Powered Telephone, wall/console/portable, with/whithout headset/microphone	Exposed
G-SPT-12-xxx	11-way Sound Powered Telephone, wall/console/portable, with/whithout headset/microphone	Exposed
G-SPT-22-xxx	Intrinsically safe 11-way Sound Powered Telephone, wall/console/portable, with/whithout headset/microphone	Exposed
G-SPT-13-xxx	23-way Sound Powered Telephone, wall/console/portable, with/whithout headset/microphone	Exposed
G-SPT-23-xxx	Intrinsically safe 23-way Sound Powered Telephone, wall/console/portable, with/whithout headset/microphone	Exposed
G-RB-11-y	External relay box for external A/V device	Exposed
G-RB-12-y	External audio/visual relay unit for external A/V device	Exposed
G-RB-21-y	Intrinsically safe external relay box for external A/V device	Exposed

xxx indicates available options as listed below :

C00 : Console mounting
CH0 : Console mounting with headset/microphone socket
W00 : Wall mouting
WH0 : Wall mounting with headset/microphone socket
P00 : Portable
PH0 : Portable with headset/microphone socket

y indicates available power options as listed below :

1 : 24V DC
2 : 110V AC
3 : 230V AC

Application/Limitation

- Any auxiliary equipment is to be of an approved type (type approved or case by case approved), based on the latest edition of IEC60945 and functional requirements as deemed necessary for the safe operation of the equipment. This includes: junction boxes, relay units, sirens, lights/rotating lights and headsets.
- This system is not approved for two-way voice communication where priority calls are required.
- Installation of system is to be according to project specific installation documentation provided by GICOM.

Job Id: **262.1-016401-2**
Certificate No: **TAA00002AF**

Type Approval documentation

DNV No	Document Id.	Rev.	Title
64	G-DWG-TAC-FAT		Drawing: GICOM, System configuration for TA-testing
35	G-SPT-TCHSPC	01	Specification: GICOM, GICOM Sound Powered Telephone, Technical Specification
31	138142F	2013-12-11	Report: TesLab, Environmental test report for GICOM SPT system
30	137140F-L	2013-12-03	Report: TesLab, Environmental test report for GICOM Junction box G-SPK-JB and Pushbutton with green LED G-GAU-PB-12
14	G-TECH-00001	2013-07-22	Description: GICOM, System description for Integrated Alarm, Public Address and Internal Communication system- Automatic Telephones- Sound Powered Telephones
76	G-IS-SPT-TechDoc	01	Manual: GICOM, Sound Powered Telephone System, technical documentation

Tests carried out

- Performance testing: Functional tests according to DNVGL Type Approval program 848.60 for Sound Powered/ Batteryless Telephone Systems.
- Environmental testing: IEC60945 (2002)

Marking of product

The Manufacturer and Type Designation to be applied to the equipment in a clearly visible location. In addition the equipment shall be marked with the Type Approval certificate number, serial number, safe distance to magnetic compass, power consumption and/or supply voltage.

Periodical assessment

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

The scope of the periodical/renewal assessment is to verify that the production quality conditions stipulated for the type approval are complied with and that no alterations are made to the product design or its components and/or materials without appraisal by the Society.

This certificate is only valid if required periodical assessments are carried out with satisfactory results. To check the validity of this certificate, please look it up in <https://approvalfinder.dnvgl.com>