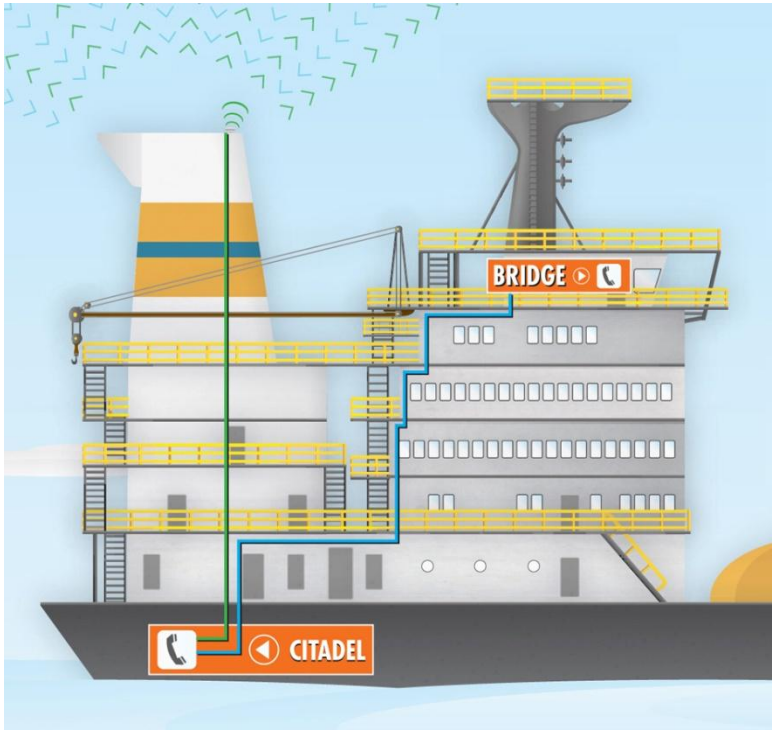
CITADEL SOLUTION | ASE



Iridium Voice + GPS Safe Room Solution
→ASE-CIT-01 ComCenter II Citadel Package

www.mackaysatellite.com

iridium Everywhere

FEATURES:

- Iridium Satellite Voice Enables *Complete* Global Coverage

- *Hidden* Solution-Small Profile

- *Simple* Installation at ANY distance on the Ship

- GPS Reports-Emergency + Periodic Reporting
  NEW Remote Polling/Configuration!

- Multiple Phones from One-System

- Optional *Long Life* Battery Backup

- VIEW Position from inside the Citadel
  with *NEW Streaming NMEA GPS Positions!*

iridium Everywhere

Simple System to Install:

- Small, Antenna + Transceiver
- Satellite Voice + GPS
- Any Distance on Ship!
- Corded Phone in Lockable Cabinet
- Optional Battery Back-up
- Additional Captain's Phone –
  Option to add on Bridge using same system (Wireless or Corded)

Mackay COMMUNICATIONS
www.mackaysatellite.com

applied satellite engineering

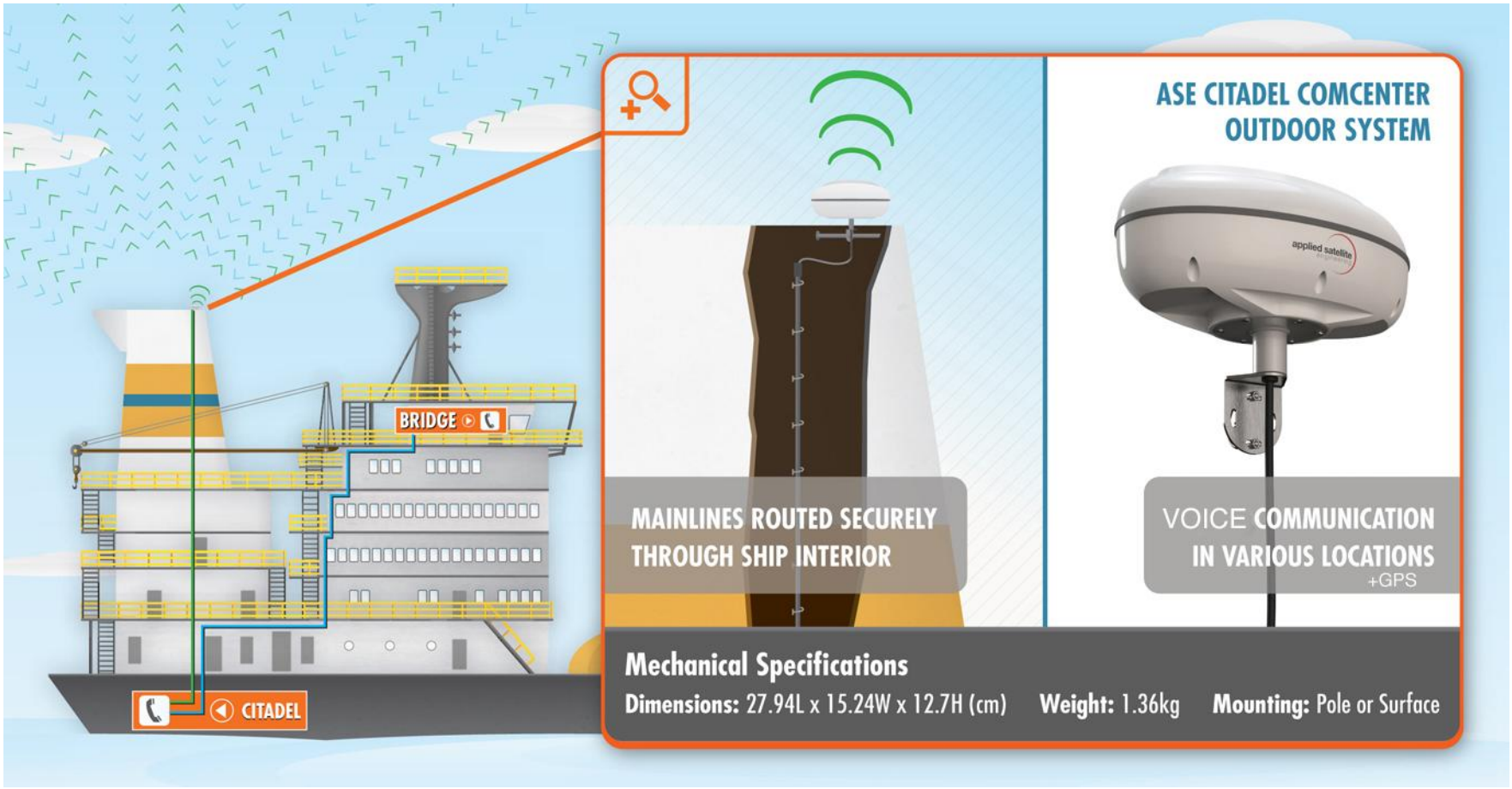
Comcenter Outdoor

- Easily Hidden From View–
  (Available White or Black)
- Funnel or other Locations
- Maritime Certified IEC 60945

22 cm

28 cm

CITADEL SOLUTION | ASE



Mackay COMMUNICATIONS
www.mackaysatellite.com

Safe Room Voice + GPS Reports

applied satellite engineering

CITADEL SOLUTION | ASE

- Single Cable Easily Routed from Funnel
- Terminate at Junction Box or Extend as Needed

Funnel Top

CITADEL SOLUTION | ASE

- View from Funnel

- Mounting Shown in Funnel

CITADEL SOLUTION | ASE

- **Funnel View**

CITADEL SOLUTION | ASE

- Corded Phone in Latchable Cabinet
- Dialing Instructions Located inside Cover

CITADEL SOLUTION | ASE

REMOTE QUERIES*:
- **Current Position**

REMOTE CONFIGURE*:
- **Auto Reporting On:Off**
- **Auto Reporting - Interval settings: 30 min, 1 hr, 4 hr, 8 hr, 12 hr, 24 hr, 48 hr, 1 week.**
- **Set Vessel Name**
- **Set New Password**
- **Set New Email for Report.**

***(Must know current password; can be set/reset by phone in Citadel)**

CITADEL SOLUTION | ASE

iridium Everywhere

ASE-CIT-01 ComCenter II Citadel Package
Includes;
ASE-MC05G ComCenter II Outdoor with GPS
ASE-MNT20 Universal Mounting Bracket
ASE-12150 150' (45m) Composite Cable
ASE-12000 Cable Breakout to RJ-11, RJ-45, DC power
ASE-PS07 AC/DC Universal Power Adapter
ASE-CB-PTS POTS Phone in Lockable Cabinet with 50'(15m) 2-wire RJ-11 cable

ASE-MC05G
ComCenter II Outdoor with GPS
Iridium Sat Phone & Antenna
Input: 24 - 36VDC
Output: Voice (RJ-11 POTS)
Data (RJ-45 Ethernet, Streaming GPS)

FUNNEL TOP

ASE-MNT20
Vibration Dampening
Universal Mounting Bracket

ASE-12150
150'(45m)
ASE COMPOSITE CABLE WITH KEYED CONNECTORS
(EXTENDABLE)

Junction Box
ASE-CIT-JB
RJ-11
RJ-45
+
24VDC
-

ASE-12000
Breakout Cable

ASE-CB-PTS
2-wire touch tone telephone in lockable cabinet with 50' (15m) 2-wire RJ-11 cable

RJ-11 POTS (standard 2-wire RJ-11 cable)

RJ-11 TO BRIDGE (OPTIONAL)

RJ-45 ETHERNET (standard CAT5 cable)

POWER - 24VDC, 1A
(18AWG SHIELDED TWISTED PAIR)

ASE-PS07
Input: 100 – 240VAC
Output: 24VDC, 1A

120/240 VAC

UPS (OPTIONAL)
P/N: ASE-CIT-UPS-EXT

LAPTOP or LAN
(OPTIONAL)

150 feet (45m)
[extendable in 20'(6m), 50'(15m), and 100'(30m) lengths]

SHIP FUNNEL

Up to 250'(76m) (Power & Ethernet Data)
Up to 7,500'(2285m) (RJ-11 Voice)

ENGINE ROOM
(CITADEL SAFE ROOM)

Combined Max Cable Lengths
RJ-11 Voice: 8,000' (3Km)
RJ-45 Ethernet data: 400'(122m)
Power: 400'(122m) (18 AWG)

Mackay COMMUNICATIONS
www.mackaysatellite.com

Safe Room Voice + GPS Reports

applied satellite engineering

CITADEL SOLUTION | ASE

iridium Everywhere

OPTIONAL Battery Back-up Accessory:

- 100 Hours Standby
- 55 Hours Talk
- 7 Days + Periodic
- Purpose-Built for rugged Maritime Applications

Mackay COMMUNICATIONS
www.mackaysatellite.com

applied satellite engineering

CITADEL SOLUTION | ASE

www.mackaysatellite.com
919-850-3100

Mackay Communications, Inc.
Satellite Services Division
3691 Trust Drive
Raleigh, NC 27616
Phone: 919-850-3100
U.S. Toll-Free: 1-877-4-MACKAY
satserv@mackaycomm.com

Mackay Marine
+1 281- 479-1515
MarineSales@mackaycomm.com

Government Sales
+1 904-880-4633
government@mackaycomm.com

Manufacturing Supplier: