

FFG Combat System Learners Guide
ANNEX C – USN COMPARTMENT NUMBERING

1. USN Compartment Numbering

- 1.1 Compartments within the FFG are numbered for identification. The number assigned locates each compartment specifically, and generally indicates the function and use of the compartment. Compartment numbers consist of four parts, separated by hyphens, for example 1-228-2-M, in the following sequence:
- a) Deck Number
 - b) Frame Number
 - c) Position in relation to centreline of ship
 - d) Compartment use
- 1.2 **Deck Number:** The main deck is the basis for this numbering scheme and is numbered 1. The first deck below the main deck is numbered 2, and so on. The first horizontal division above the main deck is numbered 01, and the numbers continue consecutively for subsequent upper division boundaries. Compartments are numbered by the lowest deck within the space.
- 1.3 **Frame number:** The 'forward perpendicular' is the basis for this numbering scheme and is numbered "0" (zero). "Frames" are consecutively numbered, based on frame spacing, until the aft perpendicular is reached. Forward of the forward perpendicular, frames are "lettered" starting from the perpendicular to the bull nose (A, B, C, etc.) while frames aft of the after perpendicular are "double lettered" to the transom (AA, BB, CC, etc.). Compartments are numbered by the frame number of the foremost bulkhead of the compartment. If this bulkhead is located between "frames," the number of the foremost "frame" within the compartment is used.
- 1.4 **Position in relation to centerline:** Compartments located so that the centerline of the ship passes through them are assigned the number 0. Compartments located completely to starboard of the centerline are given odd numbers, and those to port of centerline are given even numbers. The first compartment outboard of the centerline to starboard is 1, the second is 3 and so forth. Similarly, the first compartment outboard the centerline to port is 2, the second is 4 and so forth. There may be cases in which the centerline of the ship would pass through more than one compartment, all of which may have the same forward bulkhead number. Whenever this occurs, that compartment having the portion of the forward bulkhead through which the centerline of the ship passes is assigned the number 0 and the other carry numbers 01, 02, 03 etc.
- 1.5 **Compartment Use:** A capital letter is used to identify the assigned primary use of the compartment. Some examples include:

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Designation	Use
A	Storage area
C	Ship and Fire Control operating spaces normally manned
E	Machinery spaces which are normally manned
F	Fuel or Fuel Oil tanks
J	JP-5 tank
L	Living quarters
M	Ammunition (stowage and handling)
Q	Areas not otherwise covered
T	Vertical access trunk
V	Void

1.6 Over the page is a simplified representation of the RAN FFG depicting the major compartments concerned with the Combat System. Given compartment number **01-113-0-C** we can determine that it is located:

- a) one deck above the Main Deck,
- b) foremost bulkhead is at frame 113,
- c) centreline of the ship passes through the compartment, and
- d) is used as a Fire Control space.

1.7 Using the diagram over the page we can determine that compartment 01-113-0-C is the Combat Information Centre (CIC) or 'Operations Room'.

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1.8 Some Compartments relevant to the RAN FFG Combat System include:

Compartment Name	Number	Comment
Mk92 Equipment Room	02-116-1-Q	
Combat Information Centre (CIC)	01-113-0-C	Also known as the Operations Room (Ops Rm)
Electrical Cooling Equipment Room	01-151-0-Q	Commonly known as Bowling Alley
Communications Centre	01-156-0-C	Commonly known as COMCEN
ECM Room	01-180-0-Q	Contains AN/SPS-55, ES & JTIDS
STIR Equipment Room	01-193-0-Q	
76mm Magazine	01-231-0-M	
CIWS Magazine	01-305-0-M	
Radar IFF CIC Equipment Room	1-100-0-Q	Commonly known as RICER
Torpedo Magazine	1-228-2-M	
Interior Communications & Gyro	2-79-0-C	Commonly known as IC & Gyro
Mk41 VLS Magazine	3-40-0-M	
Mk13 GMLS Magazine	3-66-0-M	
A/C Machinery Room	3-84-0-E	
Sonar Equipment Room (SER)	4-32-0-Q	
Mk13 GMLS Magazine Services Room	4-65-0-Q	
Auxiliary machinery Room No.1	5-180-0-E	Commonly called AMR1
Auxiliary machinery Room No.2	5-212-0-E	Commonly called AMR2
Engine Room	5-250-0-E	
Auxiliary machinery Room No.13	5-297-0-E	Commonly called AMR3