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# JUE-95VM Inmarsat C VMS

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*– JRC introduces a highly user-friendly vessel monitoring system solution*

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**Compact antenna design**

**Easy installation**

**Built-in GPS receiver**

**Low cost of ownership**

**Capable to use for email**

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# JUE-95VM Inmarsat C VMS – performance features

## Unique features

- The JUE-95VM plays a leading role to assist in faster and more accurate monitoring of vessel location, integrating the latest advancements in technologies and packed into a small compact unit.



## About VMS

Vessel Monitoring System (VMS) is primarily used in commercial fishing, allowing environmental and fisheries regulatory organisations to monitor, the position, time at a position, and course and speed of fishing vessels. VMS also helps to protect fisheries sustainability, by enabling the monitoring of fishing activity around borders and closures.

## Compact solution

With the JUE-95VM Inmarsat C, VMS, JRC has developed a compact, mobile satellite communication system, to allow quick and easy world wide tracking of a vessels precise location, utilising two-way data messaging. Fisheries monitoring are usually costly and difficult. JRC's formidable formula, a compact, affordable JUE-95VM system, integrating the latest technologies, makes monitoring of fishing activities cost-effective and highly accurate.

## JRC StarNetwork™

JRC has been providing sales and support of products since 1915. Today, JRC offers comprehensive assistance through its organisation, in partnership with a worldwide StarNetwork™ of over 270 fully trained and qualified partners and agents, assisting you 24 hours a day, 7 days a week and 365 days a year.



**JRC one-call™**

**One number to call**  
With JRC you can go anywhere and if you need our support, simply call us at +81 3 3492 9201, anytime.

# JUE-95VM Inmarsat C VMS

## – system flexibility

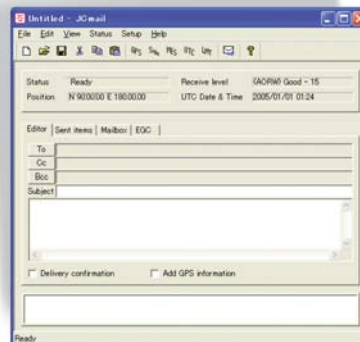
### Self diagnosis

JRC's mobile JUE-95VM terminal incorporates various self-diagnostic programmes to facilitate maintenance and troubleshooting, reporting any possible problems it might suffer. The results are displayed on the data terminal. These functions will allow for easy maintenance and more reliability. In addition, automatic testing for performance verification and commissioning via the satellite channel is also available.

### JCmail

JCmail, a freeware application developed by JRC, enables you to transmit and receive email messages very easily on your PC.

In addition, this programme allows you to receive Enhanced Group Calling (EGC) messages. EGC enables authorised information providers to broadcast international safety and commercial service message to selected group of ships.

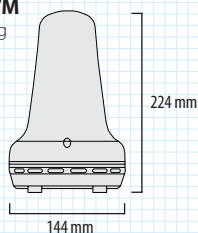


### Flexible installation

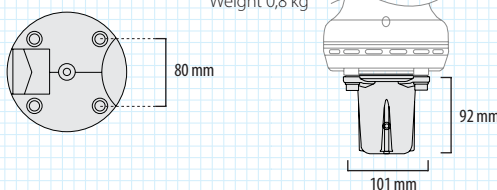
The JUE-95VM system has the same cable management philosophy resembling all other Inmarsat products that JRC is offering, allowing for an easy installation as only a single coax cable is used between antenna and terminal. Both are very compact and can be easily installed on any size and type of commercial fishing vessel.

#### Dimension drawings - Antenna, Polar mounting bracket

**NAF-742VM**  
Weight 1,5 kg



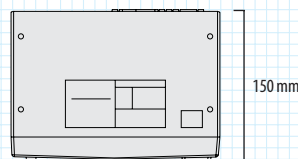
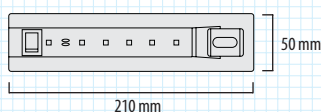
**MPXP33401<sup>1</sup>**  
Weight 0,8 kg



<sup>1</sup> pole mounting bracket is included as standard - pole  $\varnothing$  34mm

#### Dimension drawings - Terminal

**NTF-782VM**  
Weight 1,3 kg



# JUE-95VM Inmarsat C VMS

## – specifications

### What's standard in the box?

- |                          |                     |      |
|--------------------------|---------------------|------|
| 1. Antenna               | <b>Which cable?</b> |      |
| 2. Terminal              | Antenna to terminal | 15 m |
| 3. Cable                 |                     |      |
| 4. Pole mounting bracket |                     |      |
| 5. Spare parts           |                     |      |
| 6. Manual (English)      |                     |      |

| Model                     |  | JUE-95VM  |
|---------------------------|--|---|
| Inmarsat type approved    |  | ✓   |
| Class of Inmarsat C MES   |  | Class 2   |
| Terminal and antenna      |  |   |
| Model – terminal          |  | NTF-782VM   |
| Model – antenna           |  | NAF-742VM (including pole mounting bracket)                               |
| Frequency                 |  | TX 1626.5MHz - 1646.5MHz<br>RX 1530.0MHz - 1545.0MHz                      |
|                           |  | GPS 1575.2 MHz ±1MHz  |
| Channel spacing           |  | 5KHz  |
| G/T                       |  | -23.7dB/K minimum at 5° angle   |
| E.I.R.P.                  |  | +7 to +16dBW  |
| Modulation                |  | TX and RX: 1200 symbols/sec BPSK  |
| Data rate                 |  | TX: 600bps<br>RX: 600bps  |
| Antenna                   |  | type: helical<br>pattern: hemisphere<br>polarisation: right hand circular |
| Power supply voltage      |  | DC 24V (+30% -20%)  |
| Power consumption         |  | TX 75W, RX 25W  |
| Ambient condition         |  | antenna: -35°C +55°C<br>terminal: -15°C +55°C                             |
| Preservation temperature  |  | -40°C +80°C   |
| Relative humidity         |  | +40°C up to 95%   |
| Icing                     |  | up to 25mm (antenna)  |
| Precipitation             |  | 100mm/hour (antenna)  |
| Wind                      |  | up to 100 knots   |
| Vibration                 |  | as specified by Inmarsat  |
| Optional items            |  |   |
| Power supply unit (AC/DC) |  | NBD-857A  |

All specifications are subject to change without notification.

For further information please contact:



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