

# Optional Monitoring Systems

FOR CATERPILLAR® MARINE ENGINES



**EVD**  
Engine Vision Display



**MPD**  
Marine Power Display



**MAPD**  
Marine Analog Power Display



**MESSENGER**

## MONITORING SYSTEMS CAPABILITIES

| PARAMETER                               | EVD            | MPD    | MAPD | MESSENGER |
|---|----------------|--------|------|-----------|
| Engine Speed                            | •              | •      | •    | •         |
| Vessel Speed                            | •              | •      | •    | •         |
| Coolant Temperature                     | •              | •      | •    | •         |
| Oil Pressure                            | •              | •      | •    | •         |
| Inlet Manifold Temperature <sup>1</sup> | •              | •      | •    | •         |
| Oil Temperature <sup>2</sup>            | •              | •      | •    | •         |
| Coolant Level                           | •              | •      | •    | •         |
| Boost Pressure                          | •              | •      | •    | •         |
| Transmission Pressure                   | •              | •      | •    | •         |
| Transmission Temperature                | •              | •      | •    | •         |
| Battery Voltage                         | •              | •      | •    | •         |
| Fuel Rate                               | •              | •      | •    | •         |
| Synch Status                            | • <sup>3</sup> | •      | •    | •         |
| Trolling Status                         | •              | •      | •    | •         |
| Engine Hours                            | •              | •      | •    | •         |
| Engine Totals                           | •              | •      | •    | •         |
| Trip Totals                             | •              | •      | •    | •         |
| Histograms                              | •              | Future | •    | •         |
| Percent Load                            | •              | •      | •    | •         |
| Diagnostics                             | •              | •      | •    | •         |
| GPS Interface                           | •              | •      | •    | •         |

### FEATURES

|                  | EVD           | MPD              | MAPD                  | MESSENGER     |
|------------------|---------------|------------------|-----------------------|---------------|
| Display Type     | Color LCD     | Graphical LCD    | Analog                | Graphical LCD |
| Display Layout   | Customize     | Customize        | Fixed                 | Fixed         |
| Dimensions (in.) | 13.5w x 12.7h | 9.0w x 5.8h      | 2, 3, 5 Diameters     | 4.4w x 2.7h   |
| Dimensions (mm)  | 342w x 323h   | 229w x 148h      | 51, 76, 127 Diameters | 112w x 69h    |
| Quantity Needed  | Multi-Engine  | 1 Set Per Engine | 1 Set Per Engine      | 1 Per Engine  |
| Datalink         | Cat Data Link | J1939            | J1939                 | J1939         |

### ENGINE COMPATIBILITY

All Current Caterpillar Electronic Marine Engines

<sup>1</sup>Not available on 3406E

<sup>2</sup>Only available on C7, 3126B, C9, 3412E, C30, C32

<sup>3</sup>Not available when using Multi-Station Control System