



Voyage Data Recorder Service Training Certification Certificate of Attendance

This certificate herewith affirms that:

Dirk Lekebusch

Service engineer with **Ing-Buro Querin GMBH** has attended and completed the Orolia B.V. 'Rutter Voyage Data Recorder Service Training Course'. This course covers:

<u>Course</u>	<u>Training Date</u>
VDR – 100 G2	23 th of September 2008
VDR – 100 G3	23 th of September 2008

VDRG2/G2S and VDRG3/G3S subject matter covers, but is necessarily not limited to:

- Installation: both planning and execution.
- Servicing: regular maintenance, diagnosing and rectifying malfunctions.
- Technical consultation with the owners, managers, operators and builders of vessels as well as with classification societies, flag administrations, other naval engineering and architectural companies, entities and organizations who may be involved in the fitting and operation of voyage data recorders aboard vessels.
- Other technical work, including Annual Performance Tests (APTs).

This agreement shall be valid as long as there is an intercompany agreement amongst Orolia B.V. and the service agent, for an initial period of **24 months**. After each term Netwave Systems will decide upon extension.

For further reference on certification, please check website of Orolia B.V. (www.netwavesystems.com) for latest status of appointments.

Issued by the manufacturer as per IMO A.861(20) and MSC.1/ Circular 1222.1;

Orolia B.V.
Blauw-Roodlaan 100
2718 SJ Zoetermeer
The Netherlands
Tel: +3188 1181500

Date of Expiration: 23th of September 2020

We, the undersigned, approve the authenticity of this certificate of authorization

B. Schoones, Operations Manager



Voyage Data Recorder Service Training Certification Certificate of Attendance

This certificate herewith affirms that:

Volker Wehdemeyer

Service engineer with **Ing.-Buro Querin GMBH** has attended and completed the Orolia B.V. 'Rutter Voyage Data Recorder Service Training Course'. This course covers:

<u>Course</u>	<u>Training Date</u>
VDR – 100 G2	23 th of September 2008
VDR – 100 G3	23 th of September 2008

VDRG2/G2S and VDRG3/G3S subject matter covers, but is necessarily not limited to:

- Installation: both planning and execution.
- Servicing: regular maintenance, diagnosing and rectifying malfunctions.
- Technical consultation with the owners, managers, operators and builders of vessels as well as with classification societies, flag administrations, other naval engineering and architectural companies, entities and organizations who may be involved in the fitting and operation of voyage data recorders aboard vessels.
- Other technical work, including Annual Performance Tests (APTs).

This agreement shall be valid as long as there is an intercompany agreement amongst Orolia B.V. and the service agent, for an initial period of **24 months**. After each term Netwave Systems will decide upon extension.

For further reference on certification, please check website of Orolia B.V. (www.netwavesystems.com) for latest status of appointments.

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Orolia B.V.
Blauw-Roodlaan 100
2718 SJ Zoetermeer
The Netherlands
Tel: +3188 1181500

Date of Expiration: 23th of September 2020

We, the undersigned, approve the authenticity of this certificate of authorization

B. Schoones, Operations Manager



Voyage Data Recorder Service Training Certification Certificate of Attendance

This certificate herewith affirms that:

Rainer Wendt

Service engineer with **Querin** has attended and completed the NetWave Systems BV 'Rutter Voyage Data Recorder Service Training Course'. This course covers:

<u>Course</u>	<u>Training Date</u>
VDR – 100 G2	25 th of September 2015
VDR – 100 G3	25 th of September 2015

VDRG2/G2S and VDRG3/G3S subject matter covers, but is necessarily not limited to:

- Installation: both planning and execution.
- Servicing: regular maintenance, diagnosing and rectifying malfunctions.
- Technical consultation with the owners, managers, operators and builders of vessels as well as with classification societies, flag administrations, other naval engineering and architectural companies, entities and organizations who may be involved in the fitting and operation of voyage data recorders aboard vessels.
- Other technical work, including Annual Performance Tests (APTs).

This agreement shall be valid for an initial period of **24 months** from the original training date set forth on this certificate.

For further reference on certification, please check website of Netwave Systems B.V. (www.netwavesystems.com) for latest status of appointments.

Issued by the manufacturer as per IMO A.861(20) and MSC.1/ Circular 1222.1;

NetWave Systems B.V.
Blauw-Roodlaan 100
2718 SJ Zoetermeer
The Netherlands
Tel: +3188 1181500

Date of Expiration: 25th of September 2017

We, the undersigned, approve the authenticity of this certificate of authorization

P.B.M. Smulders, Managing Director

As per May 27th, 2011, NetWave Systems B.V. acquired the VDR division of Rutter Inc., succeeding Rutter Inc. as the manufacturer of the Voyage Data Recorders VDR-100, VDR 100 G2(S) and VDR-100 G3(S).

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