



PRIMAR[®]

PRIMAR Training Portal

PRIMAR Training Portal

- Capacity building content for Member States.
- Exchange & knowledge sharing.
- Reputation as a knowledge center.

- 2021: Training portal launched.
 - S-100
 - S-101 and conversion

- 2022 Continued development.
 - S-102
 - S-111

- 2023 Continued development.
 - S-104 (Ongoing)
 - S-100 upgraded (5.0.0)
 - S-101 upgraded (1.1.0)



Launch of PRIMAR Learnworlds training portal June 2021
<https://primar.learnworlds.com>

Content – S-100 and S-101

<p><i>Module 1:6</i> S-100 & S-101 ENC Training Course Module 1: S-100</p>  <p>Svein Skjaeveland</p>	<p><i>Module 2:6</i> S-100 & S-101 ENC Training Course Module 2: IHO S-100 Geospatial Information Registry</p>  <p>Svein Skjaeveland</p>	<p><i>Module 3:6</i> S-100 & S-101 ENC Training Course Module 3: S-101 General</p>  <p>Svein Skjaeveland</p>
<p>Module 1 S-100</p> <p>S-100 General Introduction and Data Model Information</p>	<p>Module 2 S-100 IHO Registry</p> <p>An introduction to the IHO Geospatial Information Registry</p>	<p>Module 3 S-101 General</p> <p>A detailed introduction to the future ENC framework, the S-101 Electronic Navigational Chart Product Specification.</p>
<p>Price \$255 Learners 190</p>	<p>Price \$55 Learners 189</p>	<p>Price \$255 Learners 189</p>

<p><i>Module 4:6</i> S-100 & S-101 ENC Training Course Module 4: S-101 Data Quality</p>  <p>Svein Skjaeveland</p>	<p><i>Module 5:6</i> S-100 & S-101 ENC Training Course Module 5: S-101 Conversion and Challenges</p>  <p>Svein Skjaeveland</p>	<p><i>Module 6:6</i> S-100 & S-101 ENC Training Course Module 6: S-100 part 15 - Data Protection</p>  <p>Robert Sandvik</p>
<p>Module 4 S-101 Data Quality</p> <p>A detailed introduction to the S-101 Data Quality aspects, focusing on Quality of Bathymetric Data.</p>	<p>Module 5 S-101 Conversion and Challenges</p> <p>S-57 to S-101 Conversion Topics</p>	<p>Module 6: S-100 part 15 - Data Protection</p> <p>Understand IHO Data Protection and how it can be used to secure your products and services</p>
<p>Price \$255 Learners 189</p>	<p>Price \$255 Learners 189</p>	<p>Price \$255 Learners 374</p>

OUR GREAT OFFER

PRIMAR S-100/S-101 ENC Course Bundle

Get quick access to all courses offered by PRIMAR for training in the S-100 and S-101 standards. Some of the courses include links to free software which can be used to complete practical training and exercises with video solutions to improve your learning.

See below for more details of all included courses!


Buy now ~~\$1330~~ **\$1099**



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Content – S-102

Module 1:5




Svein Skjaeveland

S-102 Module 1: S-100 Part 8 Imagery and Gridded Data

An introduction to S-100 Part 8 on Imagery and Gridded data.

Price **\$255** Learners **210**

Module 2:5




Svein Skjaeveland

S-102 Module 2: S-100 Part 10c HDF5 Data Model and File Format

An introduction to S-100 Part 10c on the HDF5 Data Model and File Format.

Price **\$255** Learners **210**

Module 3:5




Svein Skjaeveland

S-102 Module 3: S-102 Part I Product Specification Introduction

An introduction to the S-102 Bathymetric Surface Product Specification.

Price **\$255** Learners **210**

Module 4:5




Svein Skjaeveland

S-102 Module 4: S-102 Part II Data Encoding Format and Metadata

The S-102 implementation of the HDF5 Format and Metadata.

Price **\$255** Learners **210**

Module 5:5



Svein Skjaeveland

S-102 Module 5: S-102 Part III Portrayal

An introduction to the S-102 Bathymetric Surface Product Specification on Portrayal.

Price **\$255** Learners **210**

OUR GREAT OFFER

PRIMAR S-102 course bundle

Get quick access to all courses offered by PRIMAR for training in the S-102 standard. Some of the courses include links to free software which can be used to complete practical training and exercises with video solutions to improve your learning.

See below for more details of all included courses!

Buy now ~~\$1275~~ **\$1049**



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Content – S-111

Module 2:5 Management of IHO Geospatial Information Registers

- General Feature Model
- S-100 Part 4 Metadata
- S-100 Part 5 Feature Catalogue
- S-100 Part 6 Coordinate Reference Systems
- S-100 Part 7 Spatial Schema
- S-100 Part 8 Imagery and Gridded Data
- S-100 Part 9 Portrayal
- S-100 Part 10 Encoding Formats (ISO211, GML, HDF5)
- S-100 Part 11 Product Specifications
- S-100 Part 12 Maintenance
- S-100 Part 13 Scripting
- S-100 Part 14 Online Communication Exchange
- S-100 Part 15 Encryption and Interoperability
- S-100 Part 16

S-100 Part 10c HDF5 Data Model and File Format

An introduction to S-100 Part 10c on the HDF5 Data Model and File Format.

S-100 Gridded Data

Price **\$255** Learners **1**

Module 1:5 Management of IHO Geospatial Information Registers

- General Feature Model
- S-100 Part 4 Metadata
- S-100 Part 5 Feature Catalogue
- S-100 Part 6 Coordinate Reference Systems
- S-100 Part 7 Spatial Schema
- S-100 Part 8 Imagery and Gridded Data
- S-100 Part 9 Portrayal
- S-100 Part 10 Encoding Formats (ISO211, GML, HDF5)
- S-100 Part 11 Product Specifications
- S-100 Part 12 Maintenance
- S-100 Part 13 Scripting
- S-100 Part 14 Online Communication Exchange
- S-100 Part 15 Encryption and Interoperability
- S-100 Part 16

S-100 Part 8 Imagery and Gridded Data

An introduction to S-100 Part 8 on Imagery and Gridded data.

S-100 Gridded Data

Price **\$255** Learners **1**

Module 3:5

S-111 Module 3 Part I Product Specification Introduction

An introduction to the S-111 Surface Current Product Specification.

S-100 Gridded Data

Price **\$255** Learners **1**

Module 4:5

S-111 Module 4 Part II Data Encoding Format and Metadata

The S-111 implementation of the HDF5 Format and Metadata.

S-100 Gridded Data

Price **\$255** Learners **1**

Module 5:5

S-111 Module 5 Part III Portrayal and Interoperability

An introduction to the S-111 Surface Current Product Specification on Portrayal.

S-100 Gridded Data

Price **\$255** Learners **1**

OUR GREAT OFFER

PRIMAR S-111 course bundle

Get quick access to all courses offered by PRIMAR for training in the S-111 standard. Some of the courses include links to free software which can be used to complete practical training and exercises with video solutions to improve your learning.

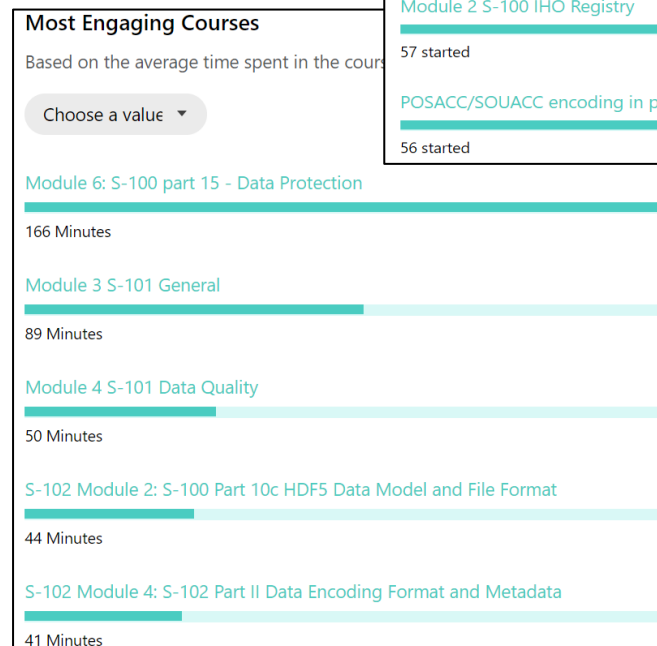
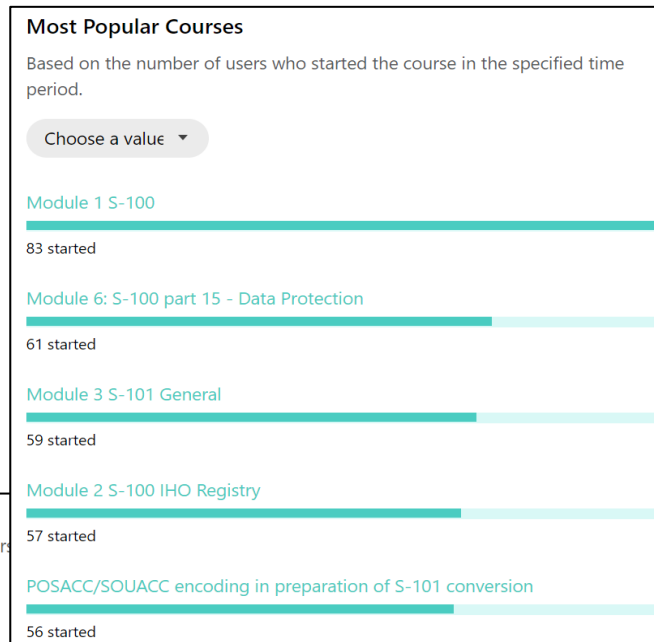
See below for more details of all included courses!

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Status

- Flexibility
 - Always available
 - Discussion forum
 - Unlimited replays
 - Full slide access
 - Training software available
 - Testdata available
- Content details
 - 17 training modules
 - ~20 hours video
 - ~265 Quiz questions
 - ~50 practical exercises
- High usage rate
 - 409 Students
 - 313 certificates



Certificate



Certificate of Completion

Module 1 S-100

awarded to

Ola Nordmann

For successful completion of the training program in the PRIMAR S-100 course series

A handwritten signature in blue ink that reads "Hans Chr. Lauritzen".

Hans Chr. Lauritzen

21/06/2021

Date

Certificate ID: 60d086db56bc4e4b971d7765

PRIMAR offer to CBSC

- Access to the PRIMAR Training portal for 5 nations annually.
- 5 users each.
- Non-RENC nations.
- Apply to the CBSC for access.