



СВИДЕТЕЛЬСТВО О ТИПОВОМ ОДОБРЕНИИ
TYPE APPROVAL CERTIFICATE

Изготовитель
Manufacturer AC Antennas A/S

Адрес
Address Fabriksparken 40, DK-2600 Glostrup, Denmark

Изделие*
Product*

Морские штыревые антенны КВ диапазона / HF Marine Whip Aerials , модели/models:

KUM 041, KUM 121, KUM 480, KUM 480-1, KUM 480-2, KUM 481, KUM 481-1, KUM 481-2, KUM 600, KUM 600-1, KUM 600-2, KUM 601, KUM 601-1, KUM 601-2, KUM 603, KUM 603-1, KUM 603-2, KUM 700, KUM 700-1, KUM 700-2, KUM 701, KUM 701-1, KUM 701-2, KUM 703, KUM 703-1, KUM 703-2, KUM 731, KUM 731-1, KUM 731-2, KUM803, KUM803-1, KUM803-2, KUM 803 DM, KUM 803-1DM, KUM 803-2DM, KUM 803 DMC, KUM 803-1 DMC, KUM 803-2 DMC, KUM 803 MWM, KUM 803-1 MWM, KUM 803-2 MWM, KUM850, KUM850-1, KUM850-2, KUM 903, KUM 903-1, KUM 903-2, KUM 903DM, KUM 903-1DM, KUM 903-2DM, KUM 903DMC, KUM 903-1DMC, KUM 903-2DMC, KUM 903MWM, KUM 903-1MWM, KUM 903-2MWM, KUM 950, KUM 950-1, KUM 950-2, KUM 1000, KUM 1000-1, KUM 1000-2, KUM 1003, KUM 1003-1, KUM 1003-2, KUM 1003DM, KUM 1003-1DM, KUM 1003-2DM, KUM 1003DMC, KUM1003-1DMC, KUM1003-2DMC, KUM 1003MWM, KUM 1003-1MWM, KUM 1003-2MWM, KUM 1200, KUM 1200DM, KUM 1200-1DM, KUM 1200-2 DM, KUM 1200DMC, KUM 1200-1DMC, KUM 1200-2 DMC.

Код номенклатуры 04070000
Code of nomenclature

На основании освидетельствования и проведенных испытаний удостоверяется, что вышеупомянутое(ые) изделие(я) удовлетворяет(ют) требованиям Российского морского регистра судоходства.

This is to certify that on the basis of the survey and tests carried out the above mentioned item(s) complies(ly) with the requirements of Russian Maritime Register of Shipping.

Части IV, Гл. 4 Правил по оборудованию морских судов изд. 2016 г., Части IV, раздел 15 Правил технического наблюдения за постройкой судов и изготовлением материалов и изделий для судов изд.2015г. / Part IV, Ch. 4, Rules for the Equipment of Sea-Going Ships edition 2016, Part IV, section 15 Rules for technical supervision during construction of ships and manufacture of materials and production for ships edition 2015.

Настоящее Свидетельство о типовом одобрении действительно до 31.05.2021
This Type Approval Certificate is valid until

Настоящее Свидетельство о типовом одобрении теряет силу в случаях, установленных в Правилах технического наблюдения за постройкой судов и изготовлением материалов и изделий для судов.

This Type Approval Certificate becomes invalid in cases stipulated in Rules for the Technical Supervision during Construction of Ships and Manufacture of Shipboard Materials and Products.

Дата выдачи
Date of issue 31.05.2016

№ 16.10042.262

Российский морской регистр судоходства
Russian Maritime Register of Shipping

Баранов И.А. / I.Baranov

М.П.
L.S.

(подпись)
signature

(фамилия, инициалы)
name

*Дополнительную информацию смотри на обороте.
Additional information see overleaf.

Технические данные

Technical data

Поляризация / Polarization : Вертикальная /Vertical

Диапазон частот / Frequency range : 1.4 - 30.0 Мгц/MHz

KUM 480 , KUM 480-1, KUM 481, KUM 481-1, KUM 600 , KUM 600-1, KUM 601 , KUM 601-1, KUM 603 , KUM 603-1, KUM 700, KUM 700-1, KUM 701 , KUM 701-1 , KUM 703 , KUM 703-1, KUM 731, KUM 731-1, KUM 803, KUM 803-1, KUM 803DM , KUM 803-1DM , KUM 803DMC , KUM 803-1DMC , KUM 803MWM , KUM 803-1MWM , KUM 850, KUM 850-1, KUM 903 , KUM 903-1, KUM 903DM , KUM 903-1DM , KUM 903DMC , KUM 903-1DMC , KUM 903 MWM , KUM 903-1MWM , KUM 950, KUM 950-1, KUM 1000, KUM 1000-1, KUM 1003, KUM 1003-1, KUM 1003DM, KUM 1003-1DM, KUM 1003 DMC , KUM 1003 -1 DMC , KUM 1003 MWM, KUM 1003-1 MWM, KUM 1200, KUM 1200 DM, KUM 1200-1DM, KUM 1200 DMC, KUM 1200-1DMC.

Диапазон частот / Frequency range : 0.15- 30.0 Мгц/MHz

KUM 041, KUM 121, KUM 480-2, KUM 481-2, KUM 600-2, KUM 601-2, KUM 603-2, KUM 700-2, KUM 701-2, KUM 703-2, KUM 731-2, KUM 803-2, KUM 803-2DM, KUM 803-2 DMC, KUM 803-2MWM, KUM 850-2, KUM 903-2, KUM 903-2DM, KUM 903-2DMC , KUM 903-2 MWM , KUM 950-2, KUM 1000-2, KUM 1003-2, KUM 1003-2DM, KUM 1003-2DMC , KUM 1003-2MWM, KUM 1200-2DM, KUM 1200 -2DMC .

Максимальная мощность / Maximum Power:

KUM 480, KUM 480-1, KUM 481, KUM 481-1 : 500 Вт /W;
KUM 600, KUM 600-1, KUM 601, KUM 601-1, KUM 603, KUM 603-1 : 750 Вт /W;
KUM 700, KUM 700-1, KUM 701, KUM 701-1, KUM 703, KUM 703-1, KUM 731, KUM 731-1 : 1000 Вт /W;
KUM 803, KUM 803-1, KUM 803 DM, KUM 803-1DM, KUM 803DMC , KUM 803-1DMC , KUM 803MWM , KUM 803-1MWM, KUM 850, KUM 850-1, KUM 903, KUM 903-1, KUM 903DM, KUM 903-1DM, KUM 903DMC, KUM 903-1DMC, KUM 903MWM, KUM 903-1MWM, KUM 950 , KUM 950-1: 1200 Вт /W;
KUM 1000, KUM 1000-1, KUM 1003, KUM 1003-1, KUM 1003DM, KUM 1003-1DM, KUM 1003DMC, KUM 1003-1DMC, KUM 1003MWM , KUM 1003-1MWM : 1500 Вт /W;
KUM 1200, KUM 1200 DM, KUM 1200-1DM, KUM 1200 -1DMC : 2000 Вт /W;

Длина, статическая ёмкость, диапазон рабочих температур, защитное исполнение - указаны в приложении к настоящему свидетельству о типовом одобрении / Length, Static Capacity, Range of working temperature, Ingress Protection are stated in the annex to the present type approval certificate.

Техническая документация и дата ее одобрения Российским морским регистром судоходства
Technical documentation and the date of its approval by Russian Maritime Register of Shipping

Технические описания / Technical descriptions (AC ANTENNAS Marine and Land Based VHF Antennas : KUM 480, KUM 480-1, KUM 480-2, KUM 481, KUM 481-1, KUM 481-2, KUM 600, KUM 600-1, KUM 600-2, KUM 601, KUM 601-1, KUM 601-2, KUM 603, KUM 603-1, KUM 603-2, KUM 700, KUM 700-1, KUM 700-2, KUM 701, KUM 701-1, KUM 701-2, KUM 703, KUM 703-1, KUM 703-2, KUM 731, KUM 731-1, KUM 731-2, KUM 803, KUM 803-1, KUM 803-2, KUM 803 DM, KUM 803-1DM, KUM 803-2DM, KUM 803 DMC, KUM 803-1DMC, KUM 803-2 DMC, KUM 803 MWM, KUM 803-1 MWM, KUM 803-2 MWM, KUM 850, KUM 850-1, KUM 850-2, KUM 903, KUM 903-1, KUM 903-2, KUM 903DM, KUM 903-1DM, KUM 903-2DM, KUM 903DMC, KUM 903-1DMC, KUM 903-2DMC, KUM 903MWM, KUM 903-1 MWM, KUM 903-2 MWM, KUM 950, KUM 950-1, KUM 950-2, KUM 041, KUM 1200, KUM 1200DM, KUM 1200-1DM, KUM 1200-2 DM, KUM 1200DMC, KUM 1200-1DMC , KUM 1200-2 DMC, KUM 1000, KUM 121) одобрены письмом / have been approved by letter № 262-381-061-97507 от/of 19.04.2016г.

Образец изделия испытан под техническим наблюдением Российского морского регистра судоходства.
Product's specimen has been tested under the technical supervision of Russian Maritime Register of Shipping.

Акт № 16.00966.262 от 29.04.2016
Report No. _____ of _____

Область применения и ограничения
Application and limitations
Судовые КВ радиоустановки .
Ship's HF radio installation.

Вид документа, выдаваемого на изделие
Type of document issued for product

Изделие должно поставляться с копией настоящего Свидетельства о типовом одобрении.
The products shall be delivered with copy of this Type Approval Certificate.

ПРИЛОЖЕНИЕ ANNEX

к Свидетельству о типовом одобрении № 16.10042.262
to the Type Approval Certificate No.

Антенны / Antennas: предназначенные для приема / intend for receive only . Частотный диапазон /Frequency range : 0.15 -30 0.15- 30.0 Мгц/MHz.

KUM 041, KUM 121, KUM 480-2, KUM 481-2, KUM 600-2, KUM 601-2, KUM 603-2, KUM 700-2, KUM 701-2, KUM 703-2, KUM 731-2, KUM803-2, KUM 803-2DM, KUM 803-2DMC, KUM 803-2MWM, KUM850-2, KUM903-2, KUM903-2DM, KUM903-2DMC, KUM 903-2 MWM, KUM 950-2, KUM 1000-2, KUM 1003-2, KUM 1003-2DM, KUM 1003-2DMC, KUM 1003-2MWM, KUM 1200-2DM, KUM 1200-2DMC .

Длина / Length :

KUM 041 : 0.36 м/м;
KUM 121 : 1.26 м/м;
KUM 480, KUM 480-1, KUM 480-2, KUM 481, KUM 481-1, KUM 481-2 : 4.8 м/м;
KUM 600, KUM 600-1, KUM 600-2, KUM601, KUM601-1, KUM601-2, KUM603, KUM603-1, KUM603-2 : 6.0 м/м;
KUM 700, KUM 700-1, KUM 700-2, KUM 703, KUM 703-1, KUM 703-2 : 7.0 м/м;
KUM 701, KUM 701-1, KUM 701-2 : 6.7 м/м;
KUM 731, KUM 731-1, KUM 731-2 : 6.8 м/м;
KUM 803, KUM 803-1, KUM 803-2, KUM803 DM, KUM803-1 DM, KUM803-2 DM, KUM803 DMC, KUM803-1DMC, KUM803-2DMC, KUM 803 MWM, KUM 803-1MWM, KUM 803-2MWM : 7.88 м/м;
KUM 850, KUM 850-1, KUM 850-2 : 8.2 м/м;
KUM 903, KUM 903-1, KUM 903-2, KUM903DM, KUM903-1DM, KUM903-2DM, KUM903DMC, KUM903-1DMC, KUM903-2DMC, KUM903MWM, KUM903-1MWM, KUM903-2MWM : 9.05 м/м;
KUM 950, KUM 950-1, KUM 950-2 : 9.2 м/м;
KUM 1000, KUM 1000-1, KUM 1000-2 : 10.03 м/м;
KUM 1003, KUM 1003-1, KUM 1003-2, KUM 1003DM, KUM 1003-1DM, KUM 1003-2DM, KUM 1003DMC, KUM1003-1DMC, KUM1003-2DMC, KUM 1003MWM, KUM 1003-1MWM, KUM 1003-2MWM : 10.03 м/м;
KUM 1200, KUM 1200 DM, KUM 1200 -1DM, KUM 1200 -2DM, KUM 1200DMC, KUM 1200-1DMC, KUM 1200-2DMC : 12.0 м/м.

Статическая ёмкость / Static Capacity :

KUM 480, KUM 480-1, KUM 480-2, KUM 481, KUM 481-1, KUM 481-2 : 55 пф/pF;
KUM 600, KUM 600-1, KUM 600-2, KUM 601, KUM 601-1, KUM 601-2, KUM 603, KUM 603-1, KUM 603-2 : 70 пф/pF;
KUM 700, KUM 700-1, KUM 700-2, KUM 701, KUM 701-1, KUM 701-2, KUM 703, KUM703-1, KUM703-2, KUM731, KUM731-1, KUM731-2 : 80 пф/pF;
KUM 803, KUM 803-1, KUM 803-2, KUM803 DM, KUM803-1DM, KUM803-2DM, KUM803 DMC, KUM803-1 DMC, KUM803-2 DMC, KUM 803MWM, KUM 803-1MWM, KUM 803-2MWM, KUM850, KUM850-1, KUM850-2, KUM 903, KUM 903-1, KUM 903-2, KUM903DM, KUM903-1DM, KUM903-2DM, KUM903DMC, KUM903-1DMC, KUM903-2DMC, KUM903MWM, KUM903-1MWM, KUM903-2MWM, KUM 950, KUM 950-1, KUM 950-2, KUM 1000, KUM 1000-1, KUM 1000-2, KUM 1003, KUM 1003-1, KUM 1003-2, KUM 1003DM, KUM 1003-1DM, KUM 1003-2DM, KUM 1003DMC, KUM1003-1DMC, KUM1003-2DMC, KUM 1003MWM, KUM 1003-1MWM, KUM 1003-2MWM : 100 пф/pF;
KUM 1200, KUM 1200 DM, KUM 1200 -1DM, KUM 1200 -2DM, KUM 1200DMC, KUM 1200-1DMC, KUM 1200-2DMC : 220 пф/pF;

Диапазон рабочих температур / Range of working temperature: - 40 °C to/до +55 °C ;
Защитное исполнение / Ingress Protection: IP 56.

Российский морской регистр судоходства
Russian Maritime Register of Shipping

М.П.
L.S.

(подпись)
signature)

Баранов И.А. / I.Varanov

(фамилия, инициалы)
name