

CANENA Project Harmonization Request Form

SECTION: 1

Submitter Name: Khaled Masri Organization: NEMA Date: 6/7/2019

Harmonization Project Proposed Scope:

These requirements cover electrical cables for boats. The cables are intended for use in marine pleasure craft and consist of a single insulated conductor without a jacket or of two or more insulated conductors with or without an overall nonmetallic jacket. Each boat cable is rated as follows: 600 V; 60°C (140°F), 75°C (167°F), or 90°C (194°F) wet; and 60°C (140°F), 75°C (167°F), 90°C (194°F), or 105°C (221°F) dry. Boat cable dry-rated 125°C (257°F) or 200°C (392°F) may be investigated. A boat cable so marked has insulation (and jacket if a jacket is used) that is for use where exposed to oil at 60°C (140°F) and lower temperatures. Boat cables employ stranded copper conductors that are 18 - 4/0 AWG for multiple conductors and 16 - 4/0 AWG for single conductors.

1.2 The ampacity of a boat cable shall be as stated in the US Coast Guard regulations Title 33, Chapter I, Parts 183.430 and 183.435 of the CFR.

Note: Project request revised on 6/7/2019 to separate boat and RV cables into two projects.

Rationale attached: Yes (note: project will not be considered without a rationale)

Trade Association Support? YES - NEMA Building Wire TC (7WC1) is in support of the project (attach supporting letter)

Canada, Mexico, and the US agreed to start a new boat cable standard. The UL 1426 Electrical Cables for Boats will be the seed document for the standard. CSA and ANCE will assign a number for the standard.

NEMA's 7WC1 Section supports this harmonization effort under CANENA THSC 20.

Other Supporting Association/Entity? YES - UL and CSA informally have agreed with the project rationale and plan.

Are there existing standards to be harmonized? YES (list them below)

C22.2 No.341; UL1426; NMX XXXX

SECTION: 2 CANENA General Secretary Use Only

Date Request Form Sent to SDOs: June 7, 2019 Name: Joel Solis

Comments: Sent to SDO representative of CSA, UL and ANCE and to industry associations EFC, NEMA and CONAME.

SECTION: 3 SDO Use Only

ANCE Acknowledgement: Name: _____ Date: _____

ANCE Support: YES NO N/A Name: _____ Date: _____

ANCE Comments: _____

CSA Acknowledgement: Name: Mark Humphries Date: June 13, 2019

CSA Support: **YES** NO N/A Name: Mark Humphries Date: June 13, 2019

CSA Comments: Further to Valara's email below and discussions here at CSA, I can confirm that CSA agrees to this harmonization effort and to UL being the publication coordinator. The CSA project manager will be Scott Hall.

UL Acknowledgement: Name: Valara Davis _____ Date: June 6, 2019

UL Support: **YES** NO N/A Name: Valara Davis Date: June 11, 2019

UL Comments: Based on our internal discussions, UL agrees to the harmonization effort for the Boat Cable request using the UL standard as the base document. The UL project manager for this effort will be Linda Phinney. As the base standard for this effort will be the UL standard, we propose that UL be the Publication Coordinator.

SECTION: 4 CANENA General Secretary Use Only

Harmonization Project Approved? **YES** NO

CANENA Project Secretary Name: Khaled Masri Phone: 703-841-3278 E-mail: Khaled.Masri@NEMA.org

CANENA THC/THSC Designation: THC 23A

Sent Notification to Submitter (date): June 18, 2019 Name: Khaled Masri

Sent Notification to SDOs (date): June 18, 2019 Name: Valara Davis & Mark Humphries

Note: Gurvinder Chopra, Electro Federation Canada, responded as follows on 6/14/2019: , Canadian industry is supportive of the approach mentioned below with harmonization to proceed for the Boat cable. Let me know when you need the support of our members to participate in the technical committee.

SECTION: 5 SDO Use Only

ANCE proposed members to THC/THSC, both internal and external (attach list with names, contact info)

ANCE Project Manager Name: _____ Phone: _____ E-mail: _____

Date reply sent to CANENA Gen. Secretary/Project Secretary: _____ Name: _____

CSA proposed members to THC/THSC, both internal and external (attach list with names, contact info)

CSA Project Manager Name: Scott Hall Phone: N/A E-mail: scott.hall@csagroup.org CSA seed documents (attach editable versions of standards needed for harmonization)

Date reply sent to CANENA Gen. Secretary/Project Secretary: June 13, 2019 Name: Mark Humphries

UL proposed members to THC/THSC, both internal and external (attach list with names, contact info)

UL Project Manager Name: Susan Stene Phone: 510-319-4312 E-mail: susan.l.stene@ul.com

UL seed documents (attach editable versions of standards needed for harmonization)

Date reply sent to CANENA Gen. Secretary/Project Secretary: June 11, 2019 Name: Valara Davis

Publication Coordinator: CSA **UL**

Note: Valara Davis (UL) and Mark Humphries (CSA) agreed on June 13, 2019 to appoint UL as the publication coordinator, specifically Linda Phinney, Linda.L.Phinney@ul.com.