List of SC Standards Projects

Committee Code	Staff Liaison	Committee	Description
SC 01	Southard, Rick	Cathodic/Anodic Protection	Develops and maintains standards, guides, and reports addressing corrosion control and mitigation utilizing cathodic or anodic protection.
SC 02	Beggs, Aimee	External Coatings - Atmospheric	Develops and maintains standards, guides, and reports for coatings utilized in environments exposed to the atmosphere.
SC 03	Beggs, Aimee	External Coatings - Buried & Immersed	Develops and maintains standards, guides, and reports for external coatings of materials, equipment, and structures in direct contact with salt water, fresh water, or soil environments.
SC 04	Beggs, Aimee	Linings & Internal Coatings	Develops and maintains standards, guides and reports for linings and internal coatings commonly used in specialized internal environments such as steel tanks, pipelines, and vessels to protect from corrosion and/or chemical attack.
SC 05	Beggs, Aimee	Surface Preparation	Develops and maintains standards, guides, and reports for preparing surfaces in order to increase adhesion to coatings and linings.
SC 06	Southard, Rick	Process Industries	Develops and maintains standards, guides, and reports for corrosion prevention and control in process industries such as chemicals, pulp, paper, and biomass, pollution control, and waste processing. High temperature applications utilized in these industries are also addressed.
SC 07	Bucciere, Jordanna	Defense & Aerospace	Develops and maintains standards, guides, and reports for corrosion prevention and control of assets used by the military and aerospace. Includes weapons systems, vehicles, aircraft, facilities, spacecraft, and other equipment used by the military or the aerospace industry.
SC 08	Southard, Rick	Metallic Material Selection & Testing	Develops and maintains standards, guides, and reports for corrosion testing of metallic materials as well as methods of selection for metallic materials in specific environments.

SC 09	Southard, Rick	Non-metallic	Develops and maintains standards, guides, and reports for the mitigation and control of corrosion in non-metallic materials including composites (polymer matrix, metal matrix, and ceramic matrix), polymers (thermoplastics and thermosets), and ceramics.
SC 10	Southard, Rick	Asset Integrity Management	Develops and maintains standards, guides, and reports related to the management of the long-term ability of assets to perform their required function effectively and efficiently in the presence of a corrosive environment.
SC 11	Southard, Rick	Electric Power	Develops and maintains standards, guides, and reports to facilitate identification and resolution of corrosion-related problems with materials in various energy generation and delivery systems: wind, nuclear, solar, fossil fuel, hydro, renewables, radioactive liquid storage and transfer systems, and in the utilization of geothermal resources.
SC 12	Southard, Rick	Concrete Infrastructure	Develops and maintains standards, guides, and reports to disseminate information on the effectiveness of various corrosion protection systems for construction and rehabilitation of reinforced concrete infrastructure, and on the methodology for the evaluation of reinforced and pre-stressed structures.
SC 13	Bucciere, Jordanna	Corrosion Monitoring & Measurement	Develops and maintains standards, guides, and reports that provide monitoring, testing and measurement procedures for corrosive environments or materials in contact with those environments.
SC 14	Bucciere, Jordanna	Oil and Gas - Upstream	Develops and maintains standards, guides, and reports for upstream dealing with the mitigation and control of corrosion in the exploration and production of oil and gas.
SC 15	Bucciere, Jordanna	Pipelines & Tanks	Develops and maintains standards, guides, and reports for best engineering practices for the prevention and control of external and internal corrosion of pipelines and tanks.

SC 16	Bucciere, Jordanna	Oil and Gas - Downstream	Develops and maintains standards, guides, and reports dealing with the mitigation and control of corrosion in the refining, gas processing, and distribution of oil and gas.
SC 17	Bucciere, Jordanna	Rail & Land Transportation	Develops and maintains standards, guides, and reports to promote the development of techniques to extend the life of rail and land transportation equipment.
SC 18	Southard, Rick	Water & Wastewater	Develops and maintains standards, guides, and reports related to the production or use of steam, water, and wastewater in all industrial systems.
SC 19	Bucciere, Jordanna	Maritime	Develops and maintains standards, guides, and reports for corrosion prevention and control for ships, structures and equipment, and any assets that touch a body of water.
SC 20	Bucciere, Jordanna	Internal Corrosion Management	Develops and maintains standards, guides, and reports for the detection, prevention, and mitigation of internal corrosion of pipelines, tanks, and vessels. Prevention includes controlling the internal environment and/or chemical treatment.
SC 21	Bucciere, Jordanna	Mining & Mineral Processing	Develops and maintains standards, guides, and reports for corrosion prevention and control in the mining and mineral processing industry.
SC 22	Bucciere, Jordanna	Biodeterioration	Develops and maintains standards, guides, and reports for measuring, monitoring, and mitigating biodeterioration in engineered systems and assets
SC 23	Beggs, Aimee	Coating System Application, Maintenance, and Inspection	Develops and maintains standards, guides, and reports related to coating application, maintenance, and inspection processes and procedures.
SC 24	Beggs, Aimee	Environmental Health and Safety (EHS)/Regulatory	Develops and maintains standards, guides, and reports related to relevant health, safety and environmental protection topics and federal regulations during surface preparation and coating application processes.

SC 25	Beggs, Aimee	Accreditation Standards	Develops and maintains standards, guides, and reports related to standards for corporate accreditation as a qualified procedure for coating or lining application or inspection company.

Project	Admin SC	Title	Description
MR21551	SC 01	Remote Monitoring System Requirements for Cathodic Protection	□ Establish Criteria to qualify Remote Monitoring Systems for Cathodic Protection □ Develop Selection Guidelines for Users □ Establish Quality Criteria □ Assist users to define Requirements, e.g. for RQFs □ Assist user to establish Selection Criteria
SP0100	SC 01	Cathodic Protection to Control External Corrosion of Concrete Pressure Pipelines and Mortar-Coated Steel Pipelines for Water or Waste Water Service	Review and revise SP0100
SP0104	SC 01	The Use of Coupons for Cathodic Protection Monitoring Applications	Review and revise SP0104
SP0196	SC 01	Galvanic Anode Cathodic Protection of Internal Submerged Surfaces of Steel Water Storage Tanks	Review and revise SP0196
SP0286	SC 01	Electrical Isolation of Cathodically Protected Pipelines	Review and revise SP0286
SP0388	SC 01	Impressed Current Cathodic Protection of Internal Submerged Surfaces of Carbon Steel Water Storage Tanks	Review and revise SP0388
SP0572	SC 01	Design, Installation, Operation, and Maintenance of Impressed Current Deep Anode Beds	Review and revise SP0572
SP21424	SC 01	AC Corrosion on Cathodically Protected Pipelines: Risk Assessment, Mitigation, and Monitoring	Review and revise SP21424
SP21437	SC 01	Cathodic Protection Rectifier Safety	A standard for cathodic protection rectifier safety.
SP21438	SC 01	Cathodic Protection of Structures Submerged in Fresh Water	A reference standard for the design of cathodic protection, both galvanic and impressed current, for metallic structures located in quiescent or flowing fresh water.

TM0108	SC 01	Testing of Catalyzed Titanium Anodes for Use in Soils or Natural Waters	Review and revise TM0108
TM0190	SC 01	Impressed Current Laboratory Testing of Aluminum and Zinc Alloy Anodes	Review TM0190
TR05107	SC 01	Report on Corrosion Probes in Soil or Concrete	Review and revise 05107
TR10A392	SC 01	Effectiveness of Cathodic Protection on Thermally Insulated Underground Metallic Structures	Review and revise 10A392 item 24156
TR1E100	SC 01	Engineering Symbols Related to Cathodic Protection	Review and revise 1E100 item 24205
TR21439	SC 01	Cathodic Protection Systems, Retrofit, for Offshore Platforms	A state-of-the-art report on cathodic protection retrofit design for offshore structures in deep and shallow waters.
TR21440	SC 01	Monitoring of Pipeline Casing Using CP Coupons, ER Probes, Permanent Reference Electrodes, etc. within the Annular Space of the Casing	Report looking at what is being done to monitor the carrier pipe and casing condition using CP coupons, ER probes, permanent reference electrodes, etc. inserted into the annular space of the casing.
TR21441	SC 01	-850 mV Potential Criterion	Similar to the publication 35108 One Hundred Millivolt (mV) Cathodic Polarization Criterion, a technical committee report on the application of the -850 mV Potential Criterion
TR30105	SC 01	Electrical Isolation/Continuity and Coating Issues for Offshore Pipeline Cathodic Protection Systems	Review and revise 30105 Item 24228
TR35108	SC 01	One Hundred Millivolt (mV) Cathodic Polarization Criterion	Review and revise 35108 item 24235
TR35110	SC 01	AC Corrosion State-of-the-Art: Corrosion Rate, Mechanism, and Mitigation Requirements	Review and revise NACE Publication 35110, item 24242
TR7L192	SC 01	Cathodic Protection Design Considerations for Deep Water Projects	Review and revise 7L192 item 24165
TR7L198	SC 01	Design of Galvanic Anode Cathodic Protection Systems for Offshore Structures	Review and revise 7L198 item 24196
GUIDE 14	SC 02	Guide for the Repair of Imperfections in Galvanized Organic or Inorganic Zinc-Coated Steel Using Organic Zinc-Rich Coatings	C.1.15 Guide 14 Review
GUIDE 19	SC 02	Selection of Coatings for Use Over Galvanized Substrates	C.1.12 Painting Galvanized Steel

GUIDE 21497	SC 02	Application and Inspection of Intumescent Fireproofing	Guide for Application and Inspection of Intumescent Fireproofing
GUIDE 27	SC 02	Recommended Performance Properties for Liquid-Applied Organic Polymeric Coatings and Linings for Concrete Structures in Municipal Wastewater	C.1.14 Coatings for Wastewater Facilities
PAINT 15	SC 02	Steel Joist Shop Primer/Metal Building Primer	C.1.10 Paint 15 Revision
PAINT 20	SC 02	Zinc-Rich Coating (Type I – Inorganic, and Type II – Organic)	C.1.1 Zinc Rich Coatings
PAINT 29	SC 02	Zinc-Pigmented Primer, Performance-Based	C.1.1 Zinc Rich Coatings
PAINT 36	SC 02	Two-Component Weatherable Aliphatic Polyurethane Topcoat, Performance-Based	C.1.3.D Polyurethane Coatings
PAINT 38	SC 02	Single-Component Moisture-Cure Weatherable Aliphatic Polyurethane Topcoat Performance-Based	C.1.3.D Polyurethane Coatings
PAINT 39	SC 02	Two-Component Aliphatic Polyurea Topcoat, Fast- or Moderate-Drying, Performance-Based	C.1.3.D Polyurethane Coatings
PAINT 40	SC 02	Zinc-Rich Moisture-Cure Polyurethane Primer, Performance-Based	C.1.3.D Polyurethane Coatings
PAINT 41	SC 02	Moisture-Cured Polyurethane Primer or Intermediate Coat, Micaceous Iron Oxide Reinforced, Performance-Based	C.1.3.D Polyurethane Coatings
PAINT 42	SC 02	Epoxy Polyamide Coating, Performance-Based	C.1.3 Epoxy Coatings
PAINT 43	SC 02	Direct-to-Metal Aliphatic Polyurea Coating Performance-Based	C.1.3.D Polyurethane Coatings
PAINT 45	SC 02	Two-Component Thick-Film Polyurea and Polyurea/Polyurethane Hybrid Coatings Performance-Based	C.1.9 Polyurea Coatings
PAINT 47	SC 02	Highly Weatherable Fluoropolymer Topcoat Performance-Based	C.1.8 Fluoropolymer Coatings
PS 12.01	SC 02	One-Coat Zinc-Rich Painting System	C.1.1 Zinc Rich Coatings
PS 26.00	SC 02	Aluminum-Pigmented Epoxy Coating System	C.1.5.A PS 26.00 Revision
PS 28.01	SC 02	Two-Coat Zinc-Rich Polyurethane Primer/Aliphatic Polyurea Topcoat System Performance-Based	C.1.3.D Polyurethane Coatings
PS 28.02	SC 02	Three-Coat Moisture-Cured Polyurethane Coating System Performance-Based	C.1.3.D Polyurethane Coatings
PS GUIDE 12.00	SC 02	Guide to Zinc-Rich Coating Systems	C.1.1 Zinc Rich Coatings

SP0108	SC 02	Corrosion Control of Offshore Structures by Protective Coatings	Review and revise SP0108
SP0198	SC 02	Control of Corrosion Under Thermal Insulation and Fireproofing Materials - A Systems Approach	Review and revise SP0198
SP0281	SC 02	Method for Conducting Coating (Paint) Panel Evaluation Testing in Atmospheric Exposures	Review and revise RP0281
SP21100	SC 02	NACE No. 12/AWS C2.23M/SSPC CS-23 Specification for the Application of Thermal Spray Coatings (Metallizing) of Aluminum, Zinc, and Their Alloys and Composites for the Corrosion Protection of Steel	C2.23 for ANS Approval CS 23.00/C.2.23/NACE No. 13 . Review NACE No. 12/AWS C2.23M/SSPC CS-23 Specification for the Application of Thermal Spray Coatings (Metallizing) of Aluminum, Zinc, and Their Alloys and Composites for the Corrosion Protection of Steel
TM0104	SC 02	Offshore Platform Ballast Water Tank Coating System Evaluation	Review and revise TM0104
TM0304	SC 02	Offshore Platform Atmospheric and Splash Zone Maintenance Coating System Evaluation	Review and revise TM0304
TM0404	SC 02	Offshore Platform Atmospheric and Splash Zone New Construction Coating System Evaluation	Review and revise TM0404
TM21423	SC 02	Determination of Substrate and Surface Temperature Limits for Insulative Coatings used for Personnel Protection	Standard to determine substrate temperature limits and surface temperature of liquid-applied insulative materials for personnel protection.
TM21431	SC 02	Determining True Insulative Value of Liquid Insulative Materials Applied on Steel Surfaces	Test methods for determining the true insulative value of liquid insulative materials applied on steel surfaces.
TM21442	SC 02	Standard Test Method for Evaluating Protective Coatings for Use Under Insulation (CUI)	Standard Test Method for Evaluating Protective Coatings for Use Under Insulation (CUI)
TM21498	SC 02	Measurement of Leachable Chloride Content of Coatings Applied to Stainless Steel in High Temperature Service Environment	Develop a document which describes a test method for measuring leachable chloride levels and acceptable levels for coatings applied to stainless steel.

TM21549	SC 02	Test Method for Assessing the Impact of an Insulation Material on Corrosion Under Insulation	Develop a test method for assessing the impact of thermal insulation on the corrosion rate of the metal substrate for atmospheric applications. Utilize the TM21442 Standard Test Method for Evaluating Protective Coatings for Use Under Insulation (CUI) draft as a template and remove all references to coatings to adapt as a test method for assessing the impact of insulation material chemistry on CUI. The new TM will likely require the inclusion of a new section on preparation of the bare metal surface that is not in the current TM. This test method is intended for above grade structures (piping and equipment) as well as any piping in below grade, but not direct buried, applications.
TR02107	SC 02	Coatings for Protection of Threaded Fasteners Used with Structural Steel, Piping, and Equipment	Review 02107
TR02203	SC 02	TR02203/ICRI Technical Guideline 03741/SSPC TR-5 Design, Installation, and Maintenance of Protective Polymer Flooring Systems for Concrete	TG005/C.7.4 TR 5 Revision. Review 02203
TR21515	SC 02	Inspecting Coatings Via Remotely Operated Systems	To provide best practices for gathering corrosion and coating inspection data of assets collected via remotely operated methods such as drones: Unmanned Aircraft System (UAS), Unmanned Aerial Vehicles (UAVs), Remotely Operated Vehicles (ROVs) and other related robotics systems and to provide an overview of the differences for comparison purposes to data collected via other methods.
TR21535	SC 02	Coatings for Elevated-Temperature Insulated or Non Insulated Exterior Service	To develop a state of the art report that was previously started under NACE Task Group (TG) 422.
TR6G197	SC 02	TR6G197/TU 2 Design, Installation, and Maintenance of Coating Systems for Concrete Used in Secondary Containment	C.1 Coatings Group. Review TR6G197
PAINT 16	SC 03	Coal Tar Epoxy-Polyamide Black (or Dark Red) Coating	C.1.3.A Coal Tar Coatings
PAINT 32	SC 03	Coal-Tar Emulsion Coating	C.1.3.A Coal Tar Coatings

PAINT 33	SC 03	Coal-Tar Mastic Coating, Cold-Applied	C.1.3.A Coal Tar Coatings
SP0105	SC 03	Liquid Coatings for External Repair, Rehabilitation, and Weld Joints on Buried Steel Pipelines	SC chair approved scope change 10-28-2022 (removing reference to Liquid-Epoxy Coatings) to: Establish minimum requirements to ensure proper application, inspection, and performance of a field-applied liquid coating system for field repair, rehabilitation, or girth weld joints on buried, external steel substrates. Included are methods for qualifying and controlling the quality of a liquid coating system, guidelines for its proper application and inspection, and repair techniques to ensure its long-term performance. The coating in the standard can be applied to longitudinally or spirally welded steel pipe and to seamless steel tubes and fittings used for the construction of pipelines for conveying liquids or gases. The coating system shall consist normally of one layer of liquid product, applied by brush or by an airless spray technique. Other application methods (spatula, injection, spreading, etc.) can be recommended by the product manufacturer, in accordance with the product requirements.
SP0109	SC 03	Field Application of Bonded Tape Coatings for External Repair, Rehabilitation, and Weld Joints on Buried Metal Pipelines	Review SP0109
SP0185	SC 03	Extruded Polyolefin Resin Coating Systems with Soft Adhesives for Underground or Submerged Pipe	Review SP0185
SP0188	SC 03	Discontinuity (Holiday) Testing of New Protective Coatings on Conductive Substrates	Review and revise SP0188
SP0274	SC 03	High-Voltage Electrical Inspection of Pipeline Coatings	Revision/Reaffirmation of SP0274, "High-Voltage Electrical Inspection of Pipeline Coatings."
SP0303	SC 03	Field-Applied Heat-Shrinkable Sleeves for Pipelines: Application, Performance, and Quality Control	Review and revise SP0303

SP0375	SC 03	Wax Coating Systems for Underground Piping Systems	Review SP0375
SP0394	SC 03	Application, Performance, and Quality Control of Plant-Applied Single Layer Fusion-Bonded Epoxy External Pipe Coating	Review and revise SP0394-2013.
SP0399	SC 03	Plant-Applied, External Coal Tar Enamel Pipe Coating Systems: Application, Performance, and Quality Control	Review RP0399
SP0402	SC 03	Field-Applied Fusion-Bonded Epoxy (FBE) Pipe Coating Systems for Girth Weld Joints: Application, Performance, and Quality Control	Review RP0402
SP0490	SC 03	Holiday Detection of Fusion-Bonded Epoxy External Pipeline Coatings of 250 to 760 µm (10 to 30 mil)	Review and revise SP0490
SP0602	SC 03	Field-Applied Coal Tar Enamel Pipe Coating Systems: Application, Performance, and Quality Control	Review RP0602
SP21443	SC 03	Coating Systems (External) for Pipeline Trenchless Crossings	Standard practice for minimum specifications for external coatings for use in directional drill service. Needs new technologies added to current document.
SP21446	SC 03	Plural Component Spray Standard Method	Standard Practice for various coating materials and proper plural component spray method. More specifically, e.g. what is the best combination of PC Spray, Pressure, Nozzle, In-line Mixer, hot spray or cold spray. All these parameters should be given as the guidance.
SP21493	SC 03	External Coatings, Polyurethane for Field Repair, Rehabilitation, and Girth Weld Joints	Standard practice for a minimal specification for the field application, repair, and testing for a polyurethane coating to be used on the exterior of buried pipelines. Waiting on Modified adoption/revision of ISO 21809-3 from SP21444.
TM0102	SC 03	Measurement of Protective Coating Electrical Conductance on Underground Pipelines	Review TM0102
TM0115	SC 03	Cathodic Disbondment Test for Coated Steel Structures Under Cathodic Protection	Test method to conduct the cathodic disbondment test.
TM0174	SC 03	Laboratory Methods for the Evaluation of Protective Coatings and Lining Materials In Immersion Service	Review and revise TM0174

TM0204	SC 03	Exterior Protective Coatings for Seawater Immersion Service	Review and revise TM0204
TM0215	SC 03	Test Method for Measurement of Gouge Resistance of Coating Systems	Review and revise TM0215
TM21420	SC 03	Test Method for Measurement of Peel Strength of Multilayer Polyolefin Coating Systems	Review TM21420
TM21612	SC 03	Performance Test Methods for Offshore Protective Coating Systems	This is a new test standard to specify the (1) coating systems, (2) Surface Preparation, (3) Test Methods. The test methods include : (1) rust creepage, (2) Edge Coverage, (3) Thermal Cycling, (4) Seawater Immersion, (5) Cathodic Disbondment. The coating systems cover (1) atmospheric zone, (2) splash zone, (3) tank lining immersion zone. This test time is only 12 weeks which is much shorter than the ISO 12944-9 standard. This new standard is more economic and more effective to help facility owners to select the proper coating system for their offshore structures. It also help coating manufacturers to develop new coating systems for offshore market.

GUIDE 21531	SC 04	Guidelines for Selection & Testing of Downhole Internal Liners and Coatings	This document outlines comparative testing programs for internal tubular liners and coatings used for protection from corrosion and wear. It is intended to evaluate the entire mitigation system including the pipe body and connections. The testing program should be a holistic review that represents actual expected field service conditions; and can be used to screen or ultimately select competitive products. Due to the inherent differences between internal liners and coatings, this guide makes distinctions between the appropriate tests that should be performed on each product. This guide is not intended to be comprehensive for all applications. It also does not address chemical inhibitors, metallurgical coatings or surface treatments, flow assurance or the prevention of surface deposits.
SP0103	SC 04	NACE No. 11/SSPC-PA 8 Thin-Film Organic Linings Applied In New Carbon Steel Process Vessels (SP0103)	C.3.14 PA 8 Revision. Review and revise NACE No. 11/SSPC-PA 8 Thin-Film Organic Linings Applied In New Carbon Steel Process Vessels (SP0103)
SP0181	SC 04	Liquid-Applied Internal Protective Coatings for Oilfield Production Equipment	Review and revise SP0181
SP0191	SC 04	Application of Internal Plastic Coatings for Oilfield Tubular Goods and Accessories	Review and revise SP0191
SP0202	SC 04	NACE No. 10/SSPC-PA 6 Fiberglass-Reinforced Plastic (FRP) Linings Applied to Bottoms of Carbon Steel Aboveground Storage Tanks (SP0202)	C.3.13 PA 6 Revision. Review and revise NACE No. 10/SSPC-PA 6 Fiberglass-Reinforced Plastic (FRP) Linings Applied to Bottoms of Carbon Steel Aboveground Storage Tanks (SP0202)
SP0288	SC 04	Inspection of Lining Application in Steel and Concrete Equipment	Review and revise SP0288
SP0291	SC 04	Care, Handling, and Installation of Internally Plastic-Coated Oilfield Tubular Goods and Accessories	Review SP0291
SP0298	SC 04	Sheet Rubber Linings for Abrasion and Corrosion Service	Review and revise SP0298

SP0304	SC 04	Design, Installation, and Operation of Thermoplastic Liners for Oilfield Pipelines	Review and revise SP0304
SP0892	SC 04	Liquid-Applied Coatings and Linings Over Concrete for Immersion and Containment Service	Review and revise SP0892
SP21492	SC 04	Technical specifications of power spray of fluoropolymer coating.	Procedures of power spray of fluoropolymer coating
TM0183	SC 04	Evaluation of Internal Plastic Coatings for Corrosion Control of Tubular Goods in Aqueous Flowing Environment	Review and revise TM0183
TM0185	SC 04	Evaluation of Internal Plastic Coatings for Corrosion Control of Tubular Goods by Autoclave Testing	Review and revise TM0185
TM0186	SC 04	Holiday Detection of Internal Tubular Coatings of 250 to 760 µm (10 to 30 mils) Dry Film Thickness	Review TM0186
TM0384	SC 04	Holiday Detection of Internal Tubular Coatings of Less Than 330 µm (13 mils) Dry Film Thickness	Review TM0384

TR21558	SC 04	Technical Report to determine susceptibility of Linings and Coatings for Metal substrates including Pipings and Vessels in Hydrogen containing environments at high pressure, temperature, or both	Hydrogen is rapidly becoming the centerpiece of global clean energy initiatives. This has piqued interest from numerous pipeline operators wanting to participate in this emerging demand for Hydrogen economy with construction of new Pipelines capable of delivering large volumes of Hydrogen. Transporting gaseous hydrogen via existing pipelines is an alternate low-cost option. A critical concern related to pipeline transmission is the potential for hydrogen to embrittle the steel and welds. Therefore, the current focus of the coating industry is to investigate if the existing internally coated pipelines can be used to transport gaseous hydrogen. For new high-pressure high-volume pipelines, research focus is to identify materials, including composites and coatings that can reduce or eliminate the deleterious effects of hydrogen embrittlement. Numerous test methods exist for determining susceptibility of steel to hydrogen when exposed to these challenges environments. However, there is currently no standard test protocol to determine susceptibility of coated and/or lined metals exposed to Hydrogen.
TR35101	SC 04	Plastic Liners for Oilfield Pipelines	Review NACE Technical Report 35101
AB 1	SC 05	Mineral and Slag Abrasives	C.2.1 Non-Metallic Abrasives. Coordinate with MIL-A-22262 (SH)
AB 2	SC 05	Cleanliness of Recycled Ferrous Metallic Abrasive	C.2.16 Ferrous Metallic Abrasives. Developed in conjunction with AB 3.
AB 3	SC 05	Ferrous Metallic Abrasive	C.2.16 Ferrous Metallic Abrasives. Developed in conjunction with AB 2.
AB 4	SC 05	Recyclable Encapsulated Abrasive Media	C.2.19 AB 4 Revision
GUIDE 15	SC 05	Field Methods for Retrieval and Analysis of Soluble Salts on Steel and Other Nonporous Substrates	C.2.15 Guide 15 revision
PA 17	SC 05	Procedure for Determining Conformance to Steel Profile/Surface Roughness/Peak Count Requirements	C2.11 Steel Profile Measurement
SP 1	SC 05	Solvent Cleaning	C.2.17 SP 1 Revision

SP 11	SC 05	Power Tool Cleaning to Bare Metal	Review SSPC-SP 11. Previously C.2.3 Power Tool Cleaning
SP 15	SC 05	Commercial Power Tool Cleaning	C.2.3 Power Tool Cleaning
SP 16	SC 05	Brush-Off Blast Cleaning of Coated and Uncoated Galvanized Steel, Stainless Steels, and Non-Ferrous Metals	C.2.8 Brush-off Blast Cleaning of Non-Ferrous Metals (SP 16 revision)
SP 17	SC 05	Thorough Abrasive Blast Cleaning of Non-Ferrous Metals	C.2.20 Abrasive Blast Cleaning of Non-Ferrous Metals
SP 18	SC 05	Thorough Spot and Sweep Blast Cleaning for Industrial Coatings Maintenance	C.2.21, Partial Blast Cleaning
SP 2	SC 05	Hand Tool Cleaning	C.2.3 Power Tool Cleaning
SP 3	SC 05	Power Tool Cleaning	C.2.3 Power Tool Cleaning
SP 8	SC 05	Pickling	C.2 Surface Preparation Group
SP COM	SC 05	Surface Preparation Commentary for Metal Substrates	C.2.0 Surface Preparation Steering
SP0178	SC 05	Fabrication Details, Surface Finish Requirements, and Proper Design Considerations for Tanks and Vessels to Be Lined for Immersion Service	Review and Revise SP0178
SP0212	SC 05	NACE WJ-1/SSPC-SP WJ-1 Waterjet Cleaning of Metals—Clean to Bare Substrate (WJ-1) (SP0212)	C.2 Surface Preparation Group. Surface preparation of metals to WJ-1 by high-pressure waterjetting. Editorial Corrections 1/5/2017.
SP0213	SC 05	Definition of Set Soluble Salt levels by Conductivity Measurements	Review and revise SP0213
SP0287	SC 05	Field Measurement of Surface Profile of Abrasive Blast Cleaned Steel Surfaces Using a Replica Tape	Review and revise SP0287
SP0299	SC 05	SSPC-SP 14/NACE No. 8, Industrial Blast Cleaning (SP0299)	C.2.4 Blast Cleaning Standards Revision. Review and revise NACE No. 8/SSPC-SP 14 Industrial Blast Cleaning (SP0299)
SP0307	SC 05	ANSI/NACE No. 13/SSPC-ACS-1, "Industrial Coating and Lining Application Specialist Qualification and Certification." (SP0307)	Review ANSI/NACE No. 13/SSPC-ACS-1. Should this belong in SC 25? Should this be ANSI?
SP0312	SC 05	NACE WJ-2/SSPC-SP WJ-2 Waterjet Cleaning of Metals—Very Thorough Cleaning (WJ-2) (SP0312)	C.2 Surface Preparation Group. Surface preparation of metals to WJ-2 by high-pressure waterjetting. Editorial Corrections 1/5/2017.
SP0397	SC 05	SSPC-SP 13/NACE No. 6, Surface Preparation of Concrete (SP0397)	C.7.7 Revision of SSPC-SP 13/NACE No. 6. Review and revise NACE No. 6/SSPC-SP 13

SP0412	SC 05	NACE WJ-3/SSPC-SP WJ-3 Waterjet Cleaning of Metals—Thorough Cleaning (WJ-3) (SP0412)	C.2 Surface Preparation Group. Surface preparation of metals to WJ-3 by high-pressure waterjetting. Editorial Corrections 1/5/2017.
SP0508	SC 05	ANSI/ NACE "Methods of Validating Equivalence to ISO 8502-9 on Measurement of the Levels of Soluble Salts"	Review and revise SP0508
SP0512	SC 05	NACE WJ-4/SSPC-SP WJ-4 Waterjet Cleaning of Metals—Light Cleaning (WJ-4) (SP0512)	C.2 Surface Preparation Group. Surface preparation of metals to WJ-4 by high-pressure waterjetting. Editorial Corrections 1/5/2017.
SP0594	SC 05	SSPC-SP 10 /NACE No. 2, Near-White Metal Blast Cleaning (SP0594)	C.2.4 Blast Cleaning Standards Revision. Review and revise NACE No. 2/ SSPC-SP 10 Near-White Metal Blast Cleaning (SP0594)
SP0615	SC 05	SSPC-SP 10 (WAB)/NACE No. 2 (WAB), Near-White Metal Wet Abrasive Blast Cleaning (SP0615)	C.2 Surface Preparation Group. Parallel standards to correspond with the joint NACE/SSPC Dry Abrasive Blast standards and the joint NACE/SSPC Waterjetting standards.
SP0694	SC 05	SSPC- SP 6/NACE No. 3, Commercial Blast Cleaning (SP0694)	C.2.4 Blast Cleaning Standards Revision. Review and revise NACE No. 3/ SSPC-SP 6 Commercial Blast Cleaning (SP0694)
SP0715	SC 05	SSPC-SP 5 (WAB)/NACE WAB-1, White Metal Wet Abrasive Blast Cleaning (SP0715)	C.2 Surface Preparation Group. Parallel standards to correspond with the joint NACE/SSPC Dry Abrasive Blast standards and the joint NACE/SSPC Waterjetting standards.
SP0716	SC 05	Soluble Salt Testing Frequency and Locations on Previously Coated Surfaces	Review and revise SP0716 "Soluble Salt Testing Frequency and Locations on Previously Coated Surfaces."
SP0794	SC 05	SSPC-SP 7/NACE No. 4, Brush-Off Blast Cleaning (SP0794)	C.2.4 Blast Cleaning Standards Revision. Review and revise NACE No. 4/ SSPC-SP 7 Brush-Off Blast Cleaning (SP0794)
SP0815	SC 05	SSPC-SP 6 (WAB)/NACE WAB-3, Commercial Wet Abrasive Blast Cleaning	C.2 Surface Preparation Group. Parallel standards to correspond with the joint NACE/SSPC Dry Abrasive Blast standards and the joint NACE/SSPC Waterjetting standards.
SP0915	SC 05	SSPC-SP 14 (WAB)/NACE WAB-8, Industrial Wet Abrasive Blast Cleaning	C.2 Surface Preparation Group. Parallel standards to correspond with the joint NACE/SSPC Dry Abrasive Blast standards and the joint NACE/SSPC Waterjetting standards.

SP1015	SC 05	SSPC-SP 7 (WAB)/NACE WAB-4, Brush-Off Wet Abrasive Blast Cleaning (SP1015)	C.2 Surface Preparation Group. Parallel standards to correspond with the joint NACE/SSPC Dry Abrasive Blast standards and the joint NACE/SSPC Waterjetting standards.
SP21065	SC 05	SSPC-SP 5/NACE No. 1, White Metal Blast Cleaning (SP21065)	C.2.4 Blast Cleaning Standards Revision. Review and revise NACE No. 1/ SSPC-SP 5 White Metal Blast Cleaning (SP21065)
SP21511	SC 05	Laser Ablation for Surface Preparation of Ferrous Metals, Pulsed Laser (LA-1)	This AMPP SP21511-1 document would cover the following information related to laser ablation surface preparation: Background/Intro information on lasers Basics of laser safety Benefits of lasers vs conventional surface preparation methods Where lasers are appropriate and most likely to be beneficial Industries where lasers are used Facility requirements for lasers Operation of laser equipment Maintenance of laser equipment May develop • SP21511-1 Laser Ablation for Surface Preparation of Ferrous Metals, Pulsed Laser (LA-1) • SP21511-2 Laser Ablation for Surface Preparation of Nonferrous Metals, Pulsed Laser (LA-2) • SP21511-3 Laser Ablation for Surface Preparation of Composites, Pulsed and Continuous Wave Laser (LA-3) • SP21511-4 Laser Ablation for Surface Preparation of All Metals, Continuous Wave Laser (LA-4)

SP21514	SC 05	Dry Ice Blasting on Metallic and Nonmetallic Substrates	This document would cover the following information related to dry ice blasting for surface preparation and surface cleaning: Background/Intro information on dry ice blasting “What is dry ice blasting” Benefits of dry ice blasting vs conventional surface preparation methods and conventional cleaning technologies Where dry ice blasting is appropriate to use and most likely to be beneficial Industries where dry ice blasting is used Applications dry ice blasting is used on Requirements for dry ice blasting Dry ice media “Pellet vs Microparticle” Basics of dry ice blasting safety Operation of dry ice blasting equipment Operating parameters of the equipment based on the application Maintenance of dry ice blasting equipment
SP21523	SC 05	Coating Removal and Surface Preparation with Atmospheric Plasma	This standard contains the general requirements for the safe and effective use of portable non-thermal plasma technology equipment for coating removal and surface preparation of metallic and nonmetallic surfaces prior to maintenance, repair, recoating, or to provide a clean, contaminant-free exposed surface.
SP21528	SC 05	Power Tool Cleaning of Non-Ferrous Metals and Stainless Steels	This standard would contain the requirements for power-tool cleaning of non-ferrous metals and stainless steels to produce a bare metal surface. This standard would represent a degree of cleaning similar to that defined for carbon steel substrates in SSPC-SP 11.

SP21538	SC 05	High Pressure Water Cleaning Injecting With Inhibitor in Type C Tank	Surface preparation of type C liquid tank inside with no coat, normal method is grinding to St2/St3 grade with heavy dust and long cycle. New method can be de-rusting with high pressure water with corrosion inhibitor solution. The new standard shall require cleaning water pressure scope, corrosion inhibitor solution type, anti-rust mechanism, safety and harmless requirement of solution, and impact of welding.
SP21561	SC 05	Soluble Salt Limits Based on Service Environment	Develop a standard practice to provide soluble salt limits based on service environment to enable coating life to be extended. Utilizing agreed upon atmospheric and immersed corrosivity categories and environments, this standard will define a soluble salt limit for each environment and define the test methods used to establish each limit.
TR21601	SC 05	TR 3 (formerly NACE 6A192) Dehumidification and Temperature Control During Surface Preparation, Application, and Curing for Coatings/Linings of Steel Tanks, Vessels, and Other Enclosed Spaces	JTG 003/SSPC C.2 Surface Preparation Group
TR6G186	SC 05	Surface Preparation of Soluble Salt Contaminated Steel Substrates Prior to Coating	Review and update 6G186
TR6G194	SC 05	NACE 6G194/SSPC SP-TR 1 "Thermal Precleaning"	JTG B/T6-G/C.2 Surface Preparation Group. Review and revise NACE 6G194/SSPC SP-TR 1 "Thermal Precleaning"
TR6G198	SC 05	NACE 6G198/SSPC TR 2 "Wet Abrasive Blast Cleaning"	JTG 323/C.2 Surface Preparation Group. Review and update 6G198/SSPC-TR 2, "Wet Abrasive Blast Cleaning"
SP0199	SC 06	Installation of Stainless Chromium-Nickel Steel and Nickel-Alloy Roll-Bonded and Explosion-Bonded Clad Plate in Air Pollution Control Equipment	To review and revise SP0199.
SP0292	SC 06	Installation of Thin Metallic Wallpaper Lining in Air Pollution Control and Other Process Equipment	Review and revise SP0292.

SP0294	SC 06	Design, Fabrication, and Inspection of Tanks for the Storage of Concentrated Sulfuric Acid and Oleum at Ambient Temperatures	Review/revise SP0294.
SP0391	SC 06	Materials for The Handling and Storage of Concentrated (90 To 100%) Sulfuric Acid at Ambient Temperatures	Review and revise SP0391.
SP21541	SC 06	Material Selection for Corrosion Resistance in Washwater Discharge Piping in Exhaust Gas Scrubbers	Develop a standard practice for material selection and welding procedures needed for optimum corrosion resistance for marine exhaust gas cleaning system washwater discharge piping.
TM0498	SC 06	Evaluation of the Carburization of Alloy Tubes Used for Ethylene Manufacture	Review and revise TM0498.
AD HOC I-SC 07	SC 07	Environmental Spectra for Severity Classification	
SP03-30	SC 07	Treatments for the Protection for Metal Parts of Service Stores and Equipment Against Corrosion	Review SP03-30. Should this be converted to a Technical Report or a Guide?

SP21554	SC 07	Determination of Environmental Severity	This document provides a standard practice for assessing environmental severity for aerospace systems. The assessment is based on well-defined damage metrics from standardized witness specimens exposed to different geographical monitoring sites meeting generalized guidelines. This practice also provides criteria for measuring relevant environmental parameters. Required parameters are defined and guidelines for supplemental environmental parameters are provided. The relationship between corrosion damage and environmental parameters is addressed and used to define severity categories. This standard is further refined by the inclusion of subordinate (linked) standards and guidelines. The subordinate standards will eventually include : 1) Environmental Severity Monitoring: Specimen Standard Practice 2) Environmental Severity Monitoring: Standard Practice for monitoring Environmental Parameters 3) Environmental Severity Monitoring: Guidelines for Environmental Severity Category (ESC) Mapping 4) Environmental Severity Monitoring: Site Evaluation Guide 5) Environmental Severity Monitoring: Guidelines for Supplemental Corrosivity Measurements
SP21554-1	SC 07	Environmental Severity Monitoring Site Evaluation Guide	A guide providing instruction for how and where to install witness coupons or environmental monitors for the assessment of environmental severity index. This guide is intended for locations that do not have established corrosion exposure racks or equipment.

SP21554-2	SC 07	Environmental Severity Monitoring Specimen Standard Practice	A standard providing instruction for the selection, preparation, and analysis of control specimens for environmental severity indexing. Samples will be specified based on composition, geometry, preparation, etc. Relevant analytical technique will be specified as well as they pertain to corrosion damage assessment and environmental severity indexing.
SP21554-3	SC 07	Guidelines for Supplemental Corrosivity Measurements	This guiding documentation will be delivered as part of a group of standards and guidelines intend to define environmental severity categorization. The goal of the document in development is to provide guidance for supplemental corrosivity measurements. This document will include supplemental measurements and methods for the enhancement of environmental severity categorization.
TM21449	SC 07	Continuous Measurements for Characterization of Coating Protective Properties	Testing methods and measurements of coating properties and degradation processes significant to structural integrity
TM21450	SC 07	Corrosion Under Paint (CUP) Test Standards for Equipment Used in the Nondestructive Evaluation (NDE) of CUP on Military Aircraft	Delineates the requirements for CUP Test Standards used for NDE equipment used to evaluate CUP on military aircraft.

TM21510	SC 07	Potentiodynamic Scans: Material Preparation, Data Acquisition and Analysis	Scope of work entailed in project - Convert Appendix B (Material Preparation and Acquisition of Polarization Data) of MIL-STD-889D into the format of an AMPP standard. This standard is intended to be used for the collection of polarization data. The purpose of this standard is to provide the procedure that ensures, to the best extent possible, the uniform collection of electrochemical data. This will reduce variability and allow for comparison between laboratories and samples. The data collection, transformation, statistical analysis and other best practices used in the creation of polarization curve data will be outlined. The procedure has already undergone round robin testing with partners from industry and academia and has been reviewed during the informal and formal review periods of MIL-STD-889D.
TM21559	SC 07	Accelerated Corrosion Test Method with Controlled Cyclic Relative Humidity Conditions	A test method which defines the procedures and operating conditions for an accelerated corrosion test with requirements for relative humidity control. This test method is specific to military aerospace and is intended to be used for coating performance comparison and qualification.
AD HOC I-SC 08	SC 08	Autoclave Testing Preparation	Discussion of a document for Autoclave Testing Preparation. Determine if this information should be included in existing documents or a stand alone standard.
MR0103	SC 08	ANSI/NACE MR0103/ISO 17945 Materials Resistant To Sulfide Stress Cracking In Corrosive Petroleum Refining Environments	Adoption of ISO 17945-2021. Review inquiries, address proposed ballot changes to MR0103, and monitor impact of changes made to MR0175. It is expected that ongoing requests to add or modify the requirements for materials used in petroleum refining and exposed to possible sulfide stress corrosion cracking will be addressed by this standing group.

MR0175 DATABASE	SC 08	Computerized Environmental Cracking Database	Computerized Environmental Cracking Database. Collation of Supporting CRA (Corrosion Resistant Alloys) Information that Underpins NACE MR0175/ISO 15156-3 (former TG 257)
MR0175 MP	SC 08	NACE MR0175/ ISO 15156 Maintenance Panel	NACE MR0175 Maintenance Panel
MR0176	SC 08	Metallic Materials for Sucker-Rod Pumps For Corrosive Oilfield Environments	Review and revise MR0176.
MR21525	SC 08	Material Requirement for Subsea Equipment Versus Cathodic Protection and Environmental Cracking	This committee will take the input from the initial scoping study and their technical report and organize the drafting of a standard for defining service conditions, acceptable materials and metallurgical processing. This standard will document industry best practices and guidelines to reduce the risk of environmental cracking under subsea cathodic protection and environmental crackling It is believed that the bulk of the standard will deal with the effect of cathodic protection on hydrogen embrittlement cracking (HEC), there may be some cases where stress corrosion cracking may also be a relevant cracking mechanism that needs to be included. This drafting effort is estimated to require an 18 month period that will begin upon the completion of the scoping study. However, the committee may start to organize before the completion of the scoping study. Will follow publication of TR21524. Working in conjunction with TM21456.
SP21454	SC 08	Standard Practice for Environmental Prediction for Material Selection in Oil and Gas Production	A standard practice concerning the assessment of critical variables, through the interpretation of field measurements and application of ionic and thermodynamic models, for materials selection in upstream oil and gas production environments.
SP21503	SC 08	Biodegradable Magnesium Alloys	Develop a standard to describe testing and evaluation of magnesium as a suitable biodegradable alloy in biomedical applications.

SP21504	SC 08	Laboratory Corrosion Testing of Metals in Static Chemical Cleaning Solutions at Temperatures Above 100 °C (212 °F)	Develop a standard for laboratory corrosion testing of metals in static chemical cleaning solutions at temperatures Above 100 °C (212 °F). The publication of this document is on hold awaiting the results of experimental testing. The Expected publication date will be adjusted to meet the results of the testing. Original expected publication was 01/01/2022.
SP21542	SC 08	General Procedures and Requirements for Laboratory Test Methods for Sour Service Materials.	This standard covers the general laboratory testing requirements of metals subjected to low-pH aqueous environments containing H2S (sour service). The standard includes detailed procedures with respect to requirements for testing equipment, environment preparation, verification, calibration, and standardization in support of sour service materials testing performed under NACE/AMPP standards including but not limited to NACE TM0177, NACE TM0198, NACE TM0284, NACE TM0316, & NACE MR0175/ISO 15156. Waiting for related documents to publish.
TG 299	SC 08	Petroleum and natural gas industries—Materials for use in H2S-containing environments in oil and gas production	MR0175 Oversight Committee. To review and vote on revisions or addenda proposed for ANSI/NACE MR0175/ISO 15156, and technical reports or other data published by the Maintenance Panel. As of September 14, 2020, as part of the Standards program, SC 08 will be the voting body for this committee and association membership is not required. According to the "Introduction to ISO 15156 Maintenance Activities, association membership is required to be a member of this specific committee.
TM0111	SC 08	Slow Strain Rate Test Method for Evaluation of Ethanol Stress Corrosion Cracking In Carbon Steels	A standard on corrosion and degradation issues for transportation and storage of biofuels.
TM0169	SC 08	NACE TM0169-2012/ASTM G31-12a "Standard Guide for Laboratory Immersion Corrosion Testing of Metals"	Joint revision of NACE TM0169-2012/ASTM G31-12a

TM0177	SC 08	ANSI/NACE, Laboratory Testing of Metals for Resistance to Sulfide Stress Cracking and Stress Corrosion Cracking in H2S Environments	Update TM0177.
TM0193	SC 08	Chemical Cleaning Test Methods—Low-Temperature Solutions	Review TM0193.
TM0198	SC 08	Slow Strain Rate Test Method for Screening Corrosion-Resistant Alloys for Stress Corrosion Cracking in Sour Oilfield Service	Review and revise TM0198. In addition, proposed testing method is applicable to the evaluation of the stress intensity values for sulfide stress cracking (KISSC) in high strength low alloy steels (HSLA) exposed to sour service conditions or in the presence of H2S. The test methodology uses round tensile specimens manufactured with a notch in the gage section subjected to a slow strain rate tensile test under environments (NTSSRT) that simulate the presence of a sour service condition at different H2S content depending on specified testing conditions. As such the proposed experimental methodology is considered complimentary to the scope of the TM0198 standard in the context of providing a testing method is designed to allow the assessment of the susceptibility to sulfide stress cracking in HSLA by providing the determination of the KISSC value under different H2S content and solution pH. This method for evaluation of the KISSC in HSLA is presented as an annex method within the TM0198-2020 as alternate experimental technique available for the evaluation of the susceptibility to SSC in HSLA.
TM0284	SC 08	ANSI/NACE TM0284 "Evaluation of Pipeline and Pressure Vessel Steels for Resistance to Hydrogen-Induced Cracking"	Update ANSI/NACE Standard TM0284.
TM0316	SC 08	Four-Point Bend Testing of Materials for Oil and Gas Applications	Review NACE TM0316.

TM21451	SC 08	Test Method for Evaluation of Carbon and Low-Alloy Steels for Resistance to Stress-Oriented Hydrogen-Induced Cracking (SOHIC)	Test Method for the qualification and selection of carbon and low-alloy steels with resistance to stress-oriented hydrogen-induced cracking (SOHIC) for sour service in H2S-containing environments.
TM21452	SC 08	Test Method for Ripple Load Test for Evaluation of Sour Service Cracking Resistance	Test Method to assess sour cracking resistance by applying a dynamic mechanical load on tensile specimen.
TM21453	SC 08	Test Method for Resistance to Environmentally-Induced Hydrogen Stress Cracking in Welds	A test method to evaluate the resistance to environmentally introduced hydrogen stress cracking (HSC) in matching and dissimilar filler metal welds.
TM21546	SC 08	Hydrogen Stress Cracking Test Method for Subsea Materials	Develop and expand on a hydrogen embrittlement susceptibility test standard for subsea materials under CP. The testing would be based on ASTM F1624 ISL (Incremental Step load) method, originally developed and standardized by an American company. The test method can be performed using existing lab capabilities that can be adapted for subsea conditions and materials as needed. The focus and rationale for developing beyond the requirements of ASTM F1624, is to increase accuracy and achieve reproducible results at a reduced cost and time. The proposed premise for the testing of any materials for susceptibility to hydrogen embrittlement due to CP, is to perform the testing at a range of potentials to represent and model how the CP would be distributed across a structure. This emphasizes that in addition to determining anode loading for optimum protection for the duration of service; that factors having to do with distribution of anodes has to be taken into consideration. Data for this testing an now be applied to actual real-life scenarios by matching the results for example to CP modelling or to CP monitoring.

TM21557	SC 08	Test method for the assessment of KISSC values in high strength low alloy steels using slow strain rate testing techniques	The proposed testing method is applicable to the evaluation of the stress intensity values for sulfide stress cracking (KISSC) in high strength low alloy steels (HSLA) exposed to sour service conditions or in the presence of H2S. The test methodology uses round tensile specimens manufactured with a notch in the gage section subjected to a slow strain rate tensile test under environments (NTSSRT) that simulate the presence of a sour service condition at different H2S content depending on specified testing conditions. As such the proposed experimental methodology provides a testing method is designed to allow the assessment of the susceptibility to sulfide stress cracking in HSLA by providing the determination of the KISSC value under different H2S content and solution pH
TM21560	SC 08	Test method for full-scale tensile stress corrosion testing of tubing and casing	This proposal describes the testing of full-scale tubing and casing for resistance to cracking failure and sealing performance of thread connection under the complex condition (high temperature, high pressure, and contact with corrosive medium internal combined action of axial tensile stress). Other corrosion such as pitting corrosion and localized corrosion must also be considered. This test method describes test principle, test solution, test specimens, and equipment to use; discusses the results evaluation; and specifies the test procedures to follow.
TR1F192	SC 08	Use of Corrosion-Resistant Alloys in Oilfield Environments	Updated knowledge on application of Corrosion-Resistance Alloys (CRAs) and issues of welding , fabrication, assessment for successful operation in oil and gas production environments with specific consideration of corrosion and environmentally assisted cracking and to highlight technology gaps impacting the industry.

TR21502	SC 08	Sour Laboratory Test Environment Preparation and Verification	Develop a state-of-the-art “technical report” document for fitness for purpose (FFP) testing for upstream oil and gas environments involving autoclaves (i.e., non-ambient laboratory conditions). The new document will address environmental modeling as it pertains to charging autoclaves and recommended procedures to physically charge autoclaves. Expected to ballot April 2022. After drafting the Technical Report, in consultation with SC08, the document may be incorporated into another existing TM/SP/MR.
TR21522	SC 08	Corrosion Testing for Additive Manufacturing	Create a technical report that presents current state of knowledge and gap analysis on corrosion testing for products that are manufactured using additive manufacturing (AM) processes. The surface condition and residual stress are recognized variables that are not sufficiently detailed that are necessary for the assessment of performance of AM products. The finished report would contain recommendations for test details that are relevant to the AM processes. The technical report would provide the foundation for the preparation of test standard(s) that apply to AM.

TR21524	SC 08	Review of Material Requirement for Subsea Environmental Cracking and Sources of Information	This committee will include an initial scoping study and the writing of a technical report over 6-12 month. It will include an outline for a material requirement (MR) standard for subsea equipment vs environmental cracking, identification and review available literature that may be utilized in its writing. This report will also identify other sources of information and relevant standards that currently exist. This report will be utilized by a second follow-on committee that will be tasked with the drafting of the MR standard. It is believed that the bulk of the standard will deal with the effect of cathodic protection on hydrogen embrittlement cracking (HEC), there may be some cases where stress corrosion cracking may also be a relevant cracking mechanism.
TR8X294	SC 08	Review of Published Literature on Wet H2S Cracking of Steels Through 1989	Summarizes results of laboratory tests and investigations of field and plant experience presented in various sources of the published literature pertaining to the cracking of steels in wet hydrogen sulfide (H2S) service.
SP0491	SC 09	Worksheet for the Selection of Oilfield Nonmetallic Seal Systems	Review, revise SP0491. This document was reaffirmed on 05/10/2012. This document is intended to be stabilized.
SP21456	SC 09	Reinforced Thermoset and Thermoplastic piping for Oil/Gas Service	Standard Practice on installation and inspection criteria for GRP and FRP piping systems in regards to thermoset and thermoplastic piping systems in the field. This will also cover in-service recommended practices.
TM0187	SC 09	Evaluating Elastomeric Materials in Sour Gas Environments	Review and revise TM0187.
TM0192	SC 09	Evaluating Elastomeric Materials in Carbon Dioxide Decompression Environments	Review, revision, reaffirmation of TM0192.
TM0296	SC 09	Evaluating Elastomeric Materials in Sour Liquid Environments	Test Method intended to serve as a tool in the process of evaluating elastomeric materials for use in the oil field and other energy-related areas where sour liquid environments are encountered.

TM0297	SC 09	Effects of High-Temperature, High-Pressure Carbon Dioxide Decompression on Elastomeric Materials	Review and revise TM0297.
TM0298	SC 09	Evaluating the Compatibility of FRP Pipe and Tubulars with Oilfield Environments	Review and revise TM0298.
SP0102	SC 10	In-Line Inspection of Pipelines	Review, revise, or reaffirm SP0102.
SP0110	SC 10	Wet Gas Internal Corrosion Direct Assessment Methodology for Pipelines	Revise or reaffirm SP0110.
SP0113	SC 10	Pipeline Integrity Method Selection	A standard that pipeline operators can utilize to select appropriate methods for performing an integrity assessment for stress corrosion cracking and external and internal corrosion threats.
SP0116	SC 10	Multiphase Flow Internal Corrosion Direct Assessment (MP-ICDA) Methodology for Pipelines	A standard practice to address ICDA for multiphase flow pipelines for on/offshore.
SP0177	SC 10	Mitigation of Alternating Current and Lightning Effects on Metallic Structures and Corrosion Control Systems	Review and update SP0177.
SP0204	SC 10	Stress Corrosion Cracking (SCC) Direct Assessment Methodology	Review and revise SP0204-2015 (formerly RP0204)
SP0206	SC 10	Internal Corrosion Direct Assessment Methodology for Pipelines Carrying Normally Dry Natural Gas (DG-ICDA)	Review and revise SP0206
SP0208	SC 10	Internal Corrosion Direct Assessment Methodology for Liquid Petroleum Pipelines	Review and reaffirm or revise SP0208.
SP0210	SC 10	Pipeline External Corrosion Confirmatory Direct Assessment	A standard that will provide guidelines on how to implement the CDA methodology as part of the pipeline integrity re-assessment process.
SP0502	SC 10	Pipeline External Corrosion Direct Assessment Methodology	Review and revise NACE SP0502 (formerly ANSI/NACE SP0502 and NACE RP0502).
SP0507	SC 10	NACE/PODS Standard Practice External Corrosion Direct Assessment (ECDA) Integrity Data Exchange (IDX)	Review and revise joint NACE/PODS SP0507.
SP21412	SC 10	SP21412/SSPC-CPC 1 "Corrosion Prevention and Control Planning"	C.4.11 Corrosion Prevention and Control Planning. Review/revise SP21412/SSPC-CPC 1.

SP21430	SC 10	Standard Framework for Establishing Corrosion Management Systems	A high-level framework standard that describes the basic requirements for developing a corrosion management system. The standard will be applicable to all industries and asset types, and incorporates the key outcomes of the NACE IMPACT Study.
SP21435	SC 10	Drone-Based Condition Monitoring of Below and Above Ground Pipeline Integrity Threats	A standard practice to guide the CUI inspection process to determine positive and negative indicators of condensation ingress within cladded or coated pipes.
SP21436	SC 10	Large Standoff Magnetometry Inspection of Pipelines	An industry standard for application of large standoff magnetometry (LSM) - for pipeline integrity of buried or above ground pipelines and piping (including deployment by walking, drone, or vehicle).
SP21509	SC 10	Degradation of sealing systems	- Identify/define static and dynamic sealing systems - Structure/grouping of materials, seal types, functions - Identify/list international codes and standards - Cooperation with ongoing initiatives by environmental agencies and oil & gas operator consortiums - Define performance requirements - Establishment of a risk classification concept for safety related gas leaks and fugitive emissions - Identify/define degradation mechanisms - Identify/list leak detection methods, equipment and systems - Establish framework for management of sealing system degradation - Linking with Standard Framework for Establishing Corrosion Management Systems (SP21457)

SP21521	SC 10	Facilities Integrity Corrosion Management and Asset Selection	The Scope of this document is to cover methods for corrosion management and asset selection for inspection using trending data, system data, and best practices for Liquid Hydrocarbons. This will help to drive for more efficient asset inspections to target the assets needing attention first. Some items that can be covered are: □ Facilities asset management principles □ Using Trending data to predict threat (corrosion) behavior by asset type □ Effectiveness and Efficiency and performance metrics □ Reliability Modeling Principles □ Making adjustment to the current program and planning for future inspections Can complement API 2611 Terminal Piping Inspection— Inspection of In Service Terminal Piping Systems (Recommended Practice)
TM21458	SC 10	Field Procedures relating to Pipeline AC Interference Detection, Monitoring & Mitigation	Test method and data interpretation guidelines for pipeline AC interference, to compliment NACE SP0177 (AC safety) and NACE SP21424 (AC corrosion)
TPC 11	SC 10	A Guide to the Organization of Underground Corrosion-Control Coordinating Committees	Review and revise TPC 11.
TR05114	SC 10	High-Voltage Direct Current Interference	Review and revise 05114
TR10A292	SC 10	Corrosion and Corrosion Control for Buried Cast- and Ductile-Iron Pipe	Revise 10A292
TR10B189	SC 10	Direct Current Operated Rail Transit Stray Current Mitigation	Update NACE Publication 10B189 to include the latest technologies for both utility stray current monitoring, design, mitigation, and evaluation and transit system negative bus-to-earth isolation and techniques for stray current mitigation.
TR21410	SC 10	Selction of Pipeline Flow and Internal Corrosion Models	Report on flow and corrosion modeling to provide guidelines for selecting them. This report would refer to existing ICDA documents.

TR21477	SC 10	Corrosion Direct Assessment of Process Piping Systems	A report on applying the direct assessment process in the assessment of both internal and external corrosion integrity of process piping systems.
TR21480	SC 10	Technical Guidance for Using Self-Propelled In-Line Inspection Devices in the Direct Examination Phase of External Corrosion Direct Assessment	Technical guidance for using in-line inspection devices in the direct assessment phase of external corrosion direct assessment.
TR35100	SC 10	In-Line Inspection of Pipelines	Review 35100.
TR42102	SC 10	Corrosion in Power and Communication Manholes	Review 42102, a state-of-the-art report concerning the corrosion of cables, metallic closures, nonmetallic closures that contain some metallic components, bonding conductors, and support hardware that are located in manholes, and the mitigation methods available.
SP0215	SC 11	NACE SP0215/IEEE Std 1839 "Joint Standard Practice for Below-Grade Corrosion Control of Transmission, Distribution, and Substation Structures by Coating Repair Systems"	Review and revise NACE SP0215-2015/IEEE Std 1839
SP0297	SC 11	Maintenance Painting of Electrical Substation Apparatus Including Flow Coating of Transformer Radiators	Review and revise SP0297
SP0315	SC 11	NACE SP0315/IEEE Std 1835 "Joint Standard Practice for Atmospheric (Above Grade) Corrosion Control of Existing Electric Transmission, Distribution, and Substation Structures by Coating Systems"	Review and revise NACE SP0315-2015/IEEE Std 1835
SP0415	SC 11	NACE SP0415/IEEE Std 1895 "Joint Standard practice for Below-Grade Inspection and Assessment of Corrosion on Steel Transmission, Distribution, and Substation Structures"	Review and revise NACE SP0415-2015/IEEE Standard 1895.
SP0515	SC 11	Nondestructive Evaluation (NDE) Technologies to Evaluate Buried Pipe on Nuclear Sites	Review and revise SP0515.
SP21433	SC 11	SP21433/IEEE Std 2445 "Inspection and Assessment of Below Grade and Groundline Corrosion on Weathering Steel on Electrical Transmission and Distribution Structures"	For use by electric utilities to inspect and assess corrosion of weathering steel on in-service transmission, distribution, and substation structures.

SP21434	SC 11	External Cathodic Protection for Nuclear Power Plant Piping Systems	Standard practice that defines design, construction, maintenance, and operation of cathodic protection systems in nuclear power plants.
SP21459	SC 11	SP21459/IEEE Std 2655 "Above Grade Inspection and Assessment of Corrosion on Steel Electrical Transmission, Distribution, and Substation Structures"	Addressing the atmospheric above grade inspection and assessment of corrosion on steel electrical transmission, distribution, and substation structures as a companion to TG 432's below grade inspection standard. Expect to be jointly issued with IEEE.
SP21460	SC 11	Steel, Structural: Corrosion Control of Pilings in Nonmarine Applications	Standard practice on corrosion control of structural steel piling in nonmarine applications.
SP21496	SC 11	AMPP SP21496/IEEE Joint Standard Practice for "Guide to Strength Loss of Tubular Steel Poles"	Joint standard provides a methodology to evaluate the strength loss of tubular steel poles due to corrosion (was originally assigned as a Technical Report)
SP21533	SC 11	Remote Inspections for Nuclear Spent Fuel Integrity	Communicate the benefits, approaches, and recommended actions for remote inspections of nuclear spent fuel storage casks as an asset integrity management activity undertaken by the power industry.
TR21505	SC 11	Adverse Impacts of Wildfires on Power Transmission Infrastructure Integrity, an Introduction	Communicate the effect of wild fires on corrosion resistance and mechanical integrity of power transmission infrastructure and identify next steps to research, develop, and implement future asset integrity management actions for the power industry.
TR41013	SC 11	State-of-the-Art Report: External Corrosion, Assessment, and Control of Buried Piping Systems in Nuclear Power Plants	Review 41013. Publish new version if committee believes the report is still needed/of value to industry.
CTS1	SC 12	Concrete Coating Texture Standard—Classification of Concrete Coating Finish Textures	C.7.5 Concrete Coating Texture
GUIDE 20	SC 12	Guide for Applying Thick Film Coatings and Surfacings Over Concrete Floors	C.7.1 SSPC-Guide 20 revision
GUIDE 21	SC 12	Guide to Evaluation of Slip and Fall Resistance of Flooring Surfaces	C.8.3 Commercial Flooring
GUIDE 23	SC 12	Field Methods for the Determination of Moisture in Concrete and Masonry Walls and Ceilings EIFS and Stucco	C.8.1 Cleaning and Coating Concrete

GUIDE 26	SC 12	Concrete Floor Coating System Selection Guide	C.7.9 Concrete Floor Coating
PA 7	SC 12	Applying Thin-Film Coatings to Concrete	C.7.6 Revision SSPC-PA 7
PAINT 46	SC 12	Elastomeric, Water Based,High Build,Flat, Performance-Based Coating for Masonry and Concrete	C.8.2 Commercial Coating Materials
SP0107	SC 12	Electrochemical Realkalization and Chloride Extraction for Reinforced Concrete	Review or revise SP0107.
SP0112	SC 12	Corrosion Management of Atmospherically Exposed Reinforced Concrete Structures	Review and revise SP0112.
SP0187	SC 12	Design for Corrosion Control of Reinforcing Steel in Concrete	Review/Revision of NACE SP0187.
SP0216	SC 12	Sacrificial Cathodic Protection of Reinforcing Steel in Atmospherically Exposed Concrete Structures	Review/revise SP0216
SP0290	SC 12	Impressed Current Cathodic Protection of Reinforcing Steel in Atmospherically Exposed Concrete Structures	Review and revise NACE SP0290.
SP0308	SC 12	Inspection Methods for Corrosion Evaluation of Conventionally Reinforced Concrete Structures	Review and reaffirm SP0308.
SP0390	SC 12	Maintenance and Rehabilitation Considerations for Corrosion Control of Atmospherically Exposed Existing Steel-Reinforced Concrete Structures	Review and reaffirm NACE SP0390
SP0395	SC 12	Fusion-Bonded Epoxy Coating of Steel Reinforcing Bars	Review NACE SP0395.
SP0408	SC 12	Cathodic Protection of Reinforcing Steel in Buried or Submerged Concrete Structures	Review and revise SP0408.
SP21427	SC 12	Stray-Current-Induced Corrosion in Reinforced and Prestressed Concrete Structures	Review/revise SP21427
SP21461	SC 12	Corrosion Evaluations of Masonry Clad Steel Frame Buildings (Pre-1950)	Testing and Evaluation of Corrosion on Steel-Framed Buildings and provide guidance on the evaluation of corrosion condition in complex masonry structures.

SP21513	SC 12	Procedure for Determining Conformance to Concrete Surface Profile Requirements	This standard practice describes a procedure suitable for laboratory or field use to determine conformance to specified surface profile ranges on prepared concrete substrates using a digital depth micrometer as described in ASTM D8271.
SP21519	SC 12	Achieving & Maintaining an Saturated Surface Dry (SSD) Condition on Concrete Substrates	This standard will provide users and specifiers with the best ways to achieve and maintain Saturated Surface Dry (SSD) conditions of concrete surfaces during and post application of cementitious repair mortars. The goal is to standardize the process and wording so there are no misconceptions or misunderstandings on projects and specifications. This standard will include best practices for environmental conditions during application and discuss areas and alternatives when SSD may not be achievable due to adverse (arid/very dry) environmental factors. The standard/guideline should detail processes and equipment available for achieving SSD as well as the equipment, materials and processes available for maintaining SSD. This document will clarify what an SSD surface looks like and how to detect it when the condition has been reached. It will also contain standardized guidelines on how to maintain the condition working throughout a project to ensure cementitious repair materials are always applied to an SSD conditioned surface.
SP21520	SC 12	Acceptance Criteria for Cathodic Protection of Steel in Concrete Structures	Standard Practice will cover acceptance criteria for cathodic protection of steel in concrete in a single document.

SP21526	SC 12	Certified Inspector Requirements for fiber-reinforced polymer (FRP) Field Applications to Reinforce and Strengthen Concrete, Masonry, and Steel Structures	The scope of this Standard Practice is to establish the certification requirements for the fiber-reinforced polymer (FRP) QA / QC inspections before, during, and post-cure installation of field applied FRP applications to reinforce and strengthen concrete and steel structures. Typical FRP installations include but are not limited to: wet layup, prepreg, laminates, and near-surface mounted FRP reinforcement and strengthening systems. The standard would include specifics of acceptance criteria based on FRP material and design, providing guidance and examples to develop a project-specific inspection plan.
SP21543	SC 12	Pressurized Water Cleaning of Concrete and Cementitious Materials – Light Cleaning by Pressurized Water	This standard contains requirements for the cleaning process, for the end condition of a light cleaned concrete surface, and for verification of the end condition. The standard does not address removal of water-insoluble contamination; assessment of concrete soundness and pH; repair of the substrate and exposed reinforcing steel; or required surface profile. It is intended for use by coating or lining specifiers, applicators, inspectors, or others who require the use of pressurized water cleaning technology to achieve a defined level of concrete surface cleanliness. The focus of this standard is Light Cleaning by Pressurized Water, the follow-up document to Thorough Cleaning by Pressurized Water, which is in the final stages of formatting for publication. Should this be designated as AMPP SP21548-1-yyyy? Does this conflict with NACE No. 6/SSPC-SP 13 Surface Preparation of Concrete (SP0397) in SC 05?

SP21545	SC 12	Corrosion Management of Buried and Submerged RC Structures	This document will be developed to provide guidance regarding the monitoring and management of reinforced concrete members in buried or submerged conditions.
SP21548	SC 12	Pressurized Water Cleaning of Concrete and Cementitious Materials –Thorough Cleaning	C.7.3, Surface Preparation of Concrete. Review to revise.
SSPC-SP CAB 1	SC 12	Abrasive Blast Cleaning of Concrete and Cementitious Materials—SSPC-SP CAB 1 Thorough Blast Cleaning	C.7.3 Surface Preparation of Concrete
SSPC-SP CAB 2	SC 12	Abrasive Blast Cleaning of Concrete and Cementitious Materials—SSPC-SP CAB 2 Intermediate Blast Cleaning	C.7.3 Surface Preparation of Concrete
SSPC-SP CAB 3	SC 12	Abrasive Blast Cleaning of Concrete and Cementitious Materials—SSPC-SP CAB 3 Brush Blast Cleaning	C.7.3 Surface Preparation of Concrete
TM0105	SC 12	Evaluation of Coatings Containing Conductive Carbon Additives for Use as an Anode on Atmospherically Exposed Reinforced Concrete	Review/revise NACE TM0105.
TM0294	SC 12	Testing of Embeddable Impressed Current Anodes for Use in Cathodic Protection of Atmospherically Exposed Steel-Reinforced Concrete	To ballot proposed national adoption of ISO 19097-1, “Accelerated Life Test Method of Mixed Metal Oxide Anodes for Cathodic Protection — Part 1: Application in Concrete.”
TR01101	SC 12	Electrochemical Chloride Extraction from Steel-Reinforced Concrete - A State-of-the-Art Report	NACE Pub 01101. Review is not mandatory. This project can be closed 2/1/2028 and the report can be stabilized or withdrawn.
TR01102	SC 12	State-of-the-Art Report: Criteria for Cathodic Protection of Prestressed Concrete Structures	NACE Publication 01102
TR01104	SC 12	Electrochemical Realkalization of Steel-Reinforced Concrete - A State-of-the-Art Report	NACE Pub 01104
TR01105	SC 12	Sacrificial Cathodic Protection of Reinforced Concrete Elements—A State-of-the-Art Report	NACE Publication 01105
TR01110	SC 12	Stray-Current-Induced Corrosion in Reinforced and Prestressed Concrete Structures	Review/revise NACE Publication 01110
TR01210	SC 12	Cathodic Protection for Masonry Buildings Incorporating Structural Steel Frames	Review and revise 01210

TR21428	SC 12	Corrosion Inhibiting Admixtures for Reinforced Concrete – A State of the Art Report	A state-of-the-art report on corrosion inhibitors and admixtures.
TR21429	SC 12	State of the Art Report on Corrosion-Resistant Reinforcement	Applications and latest developments of various corrosion-resistant reinforcing materials, such as stainless steel, galvanized steel, advanced composite materials, and epoxy-coated steel, for use in building and highway infrastructures.
TR21462	SC 12	Inspection Methods for Corrosion Evaluation of Prestressed Concrete Structures	Corrosion evaluation of prestressed concrete structures.
TR21463	SC 12	Criteria for Corrosion Control of Steel in Concrete	Revision published 8/17/2020. Criteria and techniques used to evaluate the effectiveness of corrosion control techniques applied to reinforced concrete structures.
PA 15	SC 13	Material and Preparation Requirements for Steel Test Panels Used to Evaluate the Performance of Industrial Coatings	C.4.4 New Specifying Methods
PA 16	SC 13	Method for Evaluating Scribe Undercutting on Coated Steel Test Panels Following Corrosion Testing	C.4.4 New Specifying Methods
SP0487	SC 13	Considerations in the Selection and Evaluation of Rust Preventives and Vapor Corrosion Inhibitors for Interim (Temporary) Corrosion Protection	Review/revise NACE SP0487.
SP0497	SC 13	Field Corrosion Evaluation Using Metallic Test Specimens	Review RP0497.
SP21466	SC 13	Material Sustainability	Elaborate on material sustainability principles with definitions within corrosion management framework
SP21467	SC 13	Labeled Corrosion Images for Computer Vision Applications	Collaborate with industry stakeholders to build a large repository of labeled images of corrosion for use in computer vision applications (corrosion cameras, detectors, meters).
TM0113	SC 13	Evaluating the Accuracy of Field-Grade Reference Electrodes	Update TM0113, calibration method for portable reference electrodes.
TM0208	SC 13	Laboratory Test to Evaluate the Vapor-Inhibiting Ability of Volatile Corrosion Inhibitor Materials for Temporary Protection of Ferrous Metal Surfaces	Update TM0208.

TM0211	SC 13	Durability Test for Copper/Copper Sulfate Permanent Reference Electrodes for Direct Burial Applications	Update TM0211.
TM0416	SC 13	ANSI/NACE Test Method for Monitoring Atmospheric Corrosion Rate by Electrochemical Measurements (ISO 22858:2020)	Update ANSI/NACE TM0416. Submitted to ISO: ISO 22858:2020. Not adopted back as of 4-29-2021.
TR01116	SC 13	State-of-the-Art Report on Evaluating Cathodic Protection Systems on Existing Reinforced Concrete Structures	A report for cathodic protection of reinforced concrete.
TR11100	SC 13	Reference Electrodes for Atmospherically Exposed Reinforced Concrete Structures	Review of NACE Publication 11100.
TR11114	SC 13	A State of the Art Report on the Internal Corrosion of Residential Water Heating Systems	Update 11114.
TR1D182	SC 13	Wheel Test Method Used for Evaluation of Film Persistent Inhibitors for Oilfield Application	Update 1D182-2005.
TR21468	SC 13	Techniques for Evaluating the Corrosiveness of Onshore Structures External Environment	A state-of-the-art report on the relationship of the external environment's properties and characteristics on the corrosiveness of onshore structures based on an extensive literature review.
TR31014	SC 13	Field Monitoring of Corrosion Rates in Oil and Gas Production Environments Using Electrochemical Techniques	Report on field techniques for corrosion inhibitor evaluation using DC polarization methods. No further review.
TR3T199	SC 13	Techniques for Monitoring Corrosion and Related Parameters in Field Applications	Revise NACE Publication 3T199.
TR61114	SC 13	Under Deposit Corrosion (UDC) Testing and Mitigation Methods in the Oil and Gas Industry	Report on available testing and mitigation methods for under deposit corrosion.
TR7H100	SC 13	Evaluation of Boiler Tube Deposit Mass Loading (Deposit Weight Density) Methodology	Reaffirmation of NACE Publication 7H100.
SP0176	SC 14	Corrosion Control of Submerged Areas of Permanently Installed Steel Offshore Structures Associated with Petroleum Production	Review SP0176.
SP0387	SC 14	Metallurgical and Inspection Requirements for Cast Galvanic Anodes for Offshore Applications	Review and revise SP0387

SP0492	SC 14	Metallurgical and Inspection Requirements for Offshore Pipeline Bracelet Anodes	Review and revise SP0492.
SP21464	SC 14	Oil and Gas Production, Erosion Management	To identify the issues involved in the development of an internal erosion and corrosion monitoring program.
SP21469	SC 14	Corrosion Inhibition Selection and Management for Oil and Gas Production	A standard that would identify basic required information, a corrosion inhibitor integrity window, the basic required testing, and field management for Oil & Gas field applications (internal and external).
SP21537	SC 14	Downhole Chemical Application via Capillary Tubing, Gas Lift, and Umbilical	This procedure describes the range of qualification techniques for chemicals injected through downhole capillaries. This document also provides guidance and pass/fail criteria for the chemicals put through this procedure and the conditions for testing (in the absence of concrete customer information). Test methods are described that demonstrate the changes in physical properties that can result from injection in the capillary system.
TM21476	SC 14	Method for Determining In-Situ pH Values in Oil & Gas Pipeline	This method aims to provide a pathway to calculate in-situ pH values along the oil & gas pipeline, especially for pipelines transferring fluid with corrosive substances under operating conditions. In-situ pH value is a key parameter to evaluate the internal corrosion rate and corrosion risk the pipe wall is facing, which also will be beneficial and useful for pipeline integrity management.
TR1D177	SC 14	Monitoring Techniques and Corrosion Control for Drill Pipe, Casing, and Other Steel Components in Contact with Drilling Fluids	Review and revise NACE Publication 1D177
TR21516	SC 14	Corrosion Protection of Onshore In-field Oil and Gas Flowlines	The document will capture different problems, scenarios and viable solutions that are practiced globally, including new practical ideas.
SP0106	SC 15	Control of Internal Corrosion in Steel Pipelines and Piping Systems	Review and revise SP0106.

SP0115	SC 15	ANSI/NACE SP0115/ISO 15589-2 "Petroleum, petrochemical, and natural gas industries – Cathodic protection of pipeline transportation systems – Part 2: Offshore pipelines"	To review and revise ANSI/NACE SP0115-2015/ISO/15589-2.
SP0169	SC 15	Control of External Corrosion on Underground or Submerged Metallic Piping Systems	Review and revise SP0169.
SP0186	SC 15	Application of Cathodic Protection for External Surfaces of Steel Well Casings	Review and revise SP0186 (formerly RP0186).
SP0193	SC 15	External Cathodic Protection of On-Grade Carbon Steel Storage Tank Bottoms	To review and revise SP0193.
SP0200	SC 15	Steel-Cased Pipeline Practices	Review and revise SP0200 (formerly RP0200).
SP0207	SC 15	Performing Close-Interval Potential Surveys and DC Surface Potential Gradient Surveys on Buried or Submerged Metallic Pipelines	Review SP0207.
SP0285	SC 15	External Corrosion Control of Underground Storage Tank Systems by Cathodic Protection	Review SP0285.
SP0313	SC 15	Guided Wave Technology for Piping Applications	A standard practice providing descriptions of the measurement techniques and determine criteria for above- and below-ground test sites.
SP0575	SC 15	Internal Cathodic Protection (CP) Systems in Oil-Treating Vessels	Review and revise SP0575.
SP21455	SC 15	Best Practice of Carbon Steel HDD Design, Construction and Management	A best practice for Carbon Steel HDD Design, Construction and Management including:• Effects on CP • HDD Coatings • Coupons • HDD mud standards, testing, mixing o mitigation's. • HDD mud standards, testing, mixing o mitigations • Common issues • Pipe Storage Preservation • Design of the HDD/Bore o AC/DC issues o Temperature of product • Follow-up Testing o Effectiveness and efficiency of the HDD programs
SP21471	SC 15	Pipeline Corrosion Management Guide	To develop a process-oriented document providing guidance on managing corrosion of pipelines. This document would reference existing standards, life-cycle methodologies (procurement and design), maintenance optimization, decision analysis, risk assessment, etc. for pipeline corrosion

SP21472	SC 15	Hydrotesting and Long-Term Wet Storage of Pipelines, Risers, and Subsea Equipment	A standard practice on hydrotesting and long-term wet storage of pipelines, risers, and subsea equipment.
SP21473	SC 15	Pipelines, Steel: Standard for In Situ Internal Cleaning and Coating	A standard that addresses corrosion control beyond cathodic protection for the soil-side of AST floors. The standard would provide comprehensive descriptions of all factors that contribute to soil-side corrosion of the tank floor plates, as well as provide guidelines for the use of other corrosion control technologies that are applicable to tank floors.
SP21474	SC 15	External Corrosion Control of On-Grade Carbon Steel Storage Tank Bottoms	A standard that addresses corrosion control beyond cathodic protection for the soil-side of AST floors. The standard would provide comprehensive descriptions of all factors that contribute to soil-side corrosion of the tank floor plates, as well as provide guidelines for the use of other corrosion control technologies that are applicable to tank floors.
SP21475	SC 15	Mitigation and Prioritization Strategies for Casings	Standard Practice for evaluation and management of cased pipeline crossings.
SP21491	SC 15	Assessment Method for Corrosion Inhibitor Used in Gas Gathering and Transportation System	Focus on the performance indexes and corresponding assessment method. The method applies to evaluating corrosion inhibitor used in the gathering and transportation system in ET gas pipeline, and also provides a guideline when it comes to corrosion inhibitor examination and purchase.
TM0101	SC 15	Measurement Techniques Related to Criteria for Cathodic Protection of Underground Storage Tank Systems	A standard test method related to RP0285,TM0101.
TM0109	SC 15	Aboveground Survey Techniques for the Evaluation of Underground Pipeline Coating Condition	A standard on aboveground survey techniques for the evaluation of underground pipeline coating condition (DCVG, Pearson, etc.).
TM0172	SC 15	Determining Corrosive Properties of Insoluble Petroleum Product Pipeline Cargoes	Review and revise TM0172.
TM0497	SC 15	Measurement Techniques Related to Criteria for Cathodic Protection on Underground or Submerged Metallic Piping Systems	Review and reaffirm or revise TM0497.

TM21501	SC 15	Determining Corrosive Properties of Water-Soluble Liquid Hydrocarbon Pipeline Cargoes	To develop an appropriate test method to be used for water-soluble liquid hydrocarbon pipeline cargoes.
TR21478	SC 15	3D Laser and Structured Light	A state-of-the-art report describing the technology, applications, and limitations of 3D laser and structured light tools for the measurement of external pipe surface corrosion anomalies.
TR21479	SC 15	Under Deposit Corrosion (UDC) of Pipelines	An informational report of the subject of UDC (under deposit corrosion) in pipelines summarizing available literature and common practices.
TR21539	SC 15	Cathodic Shielding in Pipelines	The scope of this document is to create a technical report that discusses Cathodic shielding in pipelines. This document will provide the following: 1. A definition of Cathodic shielding 2. Potential approaches to detection 3. Role of ILI and other tools 4. Potential approaches to mitigation 5. Potential approaches to monitoring

TR21547	SC 15	Transportation of Hydrogen and Low Carbon Fuels State of the Art Report	The primary objective of this project is to develop an overarching State-of-the-Art (SOTA) technical report representing the current understanding of technical consideration related to transportation of hydrogen, whether pure, or blended into natural gas supply, in onshore pipelines. The purpose of this SOTA report is to provide background and guidance related to the material compatibility, integrity, and risk factors associated with hydrogen transport which must be understood and evaluated when considering conversion of an existing pipeline system for hydrogen service. It is anticipated the SOTA report would consider the following primary tasks: - Summary of current industry knowledge and key technical areas - Existing Operation / Service Experience - Gap analysis - Recommendations for future R&D The scope of work is expected to focus on, but necessarily not limited to the following technical considerations: - Material compatibility - Integrity Considerations - Risk Factors - Safety - End Use Equipment – Impacts and Compatibility - Operation and Maintenance - Storage
TR21553	SC 15	External Corrosion of Double Bottom Aboveground Storage Tanks (ASTs)	Create a technical report on techniques for managing external corrosion on ASTs through the use of double-bottom tanks.
SP0114	SC 16	Refinery Injection and Process Mix Points	A state-of-the-art report on prevailing optimum practices for injection facilities.
SP0170	SC 16	Protection of Austenitic Stainless Steels and Other Austenitic Alloys from Polythionic Acid Stress Corrosion Cracking During a Shutdown of Refinery Equipment	Review and revise or reaffirm SP0170.

SP0205	SC 16	Design, Fabrication, and Inspection of Tanks for the Storage of Petroleum Refining Alkylation Unit Spent Sulfuric Acid at Ambient Temperatures	Review and reaffirm SP0205 (formerly RP0205).
SP0296	SC 16	Detection, Repair, and Mitigation of Cracking in Refinery Equipment in Wet H2S Environments	Review and revise or reaffirm SP0296
SP0403	SC 16	Avoiding Caustic Stress Corrosion Cracking of Refinery Equipment and Piping	Review and revise or reaffirm SP0403.
SP0407	SC 16	Format, Content, and Other Guidelines for Developing a Materials Selection Diagram	Review SP0407. Note: customer complaints that Attachments and drawings are pretty much illegible, text is too small, quality of pdf is poor.
SP0472	SC 16	Methods and Controls to Prevent In-Service Environmental Cracking of Carbon Steel Weldments in Corrosive Petroleum Refining Environments	Revise SP0472.
SP21534	SC 16	Materials and Fabrication Requirements for Carbon Steel Equipment in Petroleum Refining Wet H2S Environments	The requirements described in this Standard Practice (SP) govern the materials selection and fabrications practices applying to new carbon steel (defined as ASME Section IX QW-422 P Number 1, Group number 1 or 2 base metals) stationary pressure retaining equipment such as pressure vessels and heat exchangers for operation in petroleum refining wet H2S environments (defined as conditions meeting description in AMPP MR0103/ISO 17945).
TR21415	SC 16	Potential Effects of Upstream Additives on Refinery Corrosion and Fouling	Revision of NACE Publication 21415.
TR34103	SC 16	Overview of Sulfidic Corrosion in Petroleum Refining	Report to serve as a prediction tool to be used for predicting sulfidation in hydroprocessing units. In addition, the technical committee report will serve to warn industry of the potential corrosion problems in this area of operation.
TR34105	SC 16	Effect of Nonextractable Chlorides on Refinery Corrosion and Fouling	Review and revise 34105
TR34108	SC 16	Review and Survey of Alkaline Carbonate Stress Corrosion Cracking in Refinery Sour Waters	Update Publication 34108
TR34109	SC 16	Crude Distillation Unit—Distillation Tower Overhead System Corrosion	Update Publication 34109

TR8X194	SC 16	Materials and Fabrication Practices for New Pressure Vessels to Be Used in Wet H2S Refinery Equipment	Review and revise or reaffirm 8X194.
GUIDE 21529	SC 17	Railcars: Calibration Requirements of Coating Application and Inspection Equipment	Develop guidelines defining which equipment should be calibrated an recommended calibration intervals.
SP0295	SC 17	Application of a Coating System to Interior Surfaces of New and Used Rail Tank Cars	Review SP0295.
SP0302	SC 17	Selection and Application of a Coating System to Interior Surfaces of New and Used Rail Tank Cars in Molten Sulfur Service	Review and revise or reaffirm NACE SP0302 (formerly RP0302).
SP0386	SC 17	Application of a Coating System to Interior Surfaces of Covered Steel Hopper Rail Cars in Plastic, Food, and Chemical Service	Review and revise or reaffirm SP0386 (formerly RP0386).
SP0398	SC 17	Recommendations for Training and Qualifying Personnel as Rail Car Coating and Lining Inspectors	Review SP0398.
SP0495	SC 17	Guidelines for Qualifying Personnel as Abrasive Blasters and Coating and Lining Applicators in the Rail Industries	Review and revise RP0495.
SP0516	SC 17	Guidelines for Data Collection and Analysis of Railroad Tank Car Interior Coating/Lining Condition	A standard that provides guidelines for inspecting, rating, and documenting the condition of interior coatings and linings in railroad tank cars to comply with Hm 201.
SP0592	SC 17	Application of a Coating System to Interior Surfaces of New and Used Rail Tank Cars in Concentrated (90 to 98%) Sulfuric Acid Service	Review and revise SP0592 (formerly RP0592).
SP0692	SC 17	Application of a Coating System to Exterior Surfaces of Steel Rail Cars	Review of SP0692 (formerly RP0692).
SP21481	SC 17	Maintenance Overcoating of Railcar Exteriors	A standard for Maintenance Overcoating of Railcar Exteriors
TR14C296	SC 17	A State-of-the-Art Report on Protective Coatings for Mitigating Corrosion under Insulation on Rail Tank Cars	Revise 14C296
TR21414	SC 17	Maintenance Overcoating of Railcar Exteriors	A state-of-the-art report for the application of maintenance overcoating of railcar exteriors. Published as a standard - SP21481

TR21499	SC 17	Coating Thickness Measurement, Methods, and Recording—Specific to the Railcar Industry	Prepare a state-of-the-art report outlining currently used procedures for dry film thickness measurement and recording for coatings on railcars.
TR21500	SC 17	Surface Preparation by Encapsulated Blast Media for Repair of Existing Coatings on Railcars	To prepare a state-of-the-art report on surface preparation by encapsulated blast media for repair of existing coatings on railcars.
TR21527	SC 17	Corrosion and Protection of Tank Cars in Crude Oil Service	To prepare a state-of-the-art report regarding corrosion and protection of railroad tank cars in crude oil service.
TR43107	SC 17	The Application of Solvent-Free Coatings to Railcars Using Plural-Component Spray Equipment	Revision of State of the Art Report 43107
TR43108	SC 17	Railcars: Corrosion Protection and Control Program Frequency of Inspection of Tank Car Linings in Corrosive Service	Review 43108
TR43113	SC 17	Waterborne Coatings on Railcars	
TR43114	SC 17	Nonvisible Contaminants on Railcar Surfaces	A committee report describing surface decontamination procedures for railcars prior to coating application.
SP0189	SC 18	On-Line Monitoring of Cooling Water Systems	To review and revise SP0189.
SP0214	SC 18	Inspection, Cleaning, and Remediation Technology for Water Piping in Buildings	To review and revise SP0214.
SP0300	SC 18	ANSI/NACE SP0300/ISO 16784-1 "Pilot Scale Evaluation of Corrosion and Scale Control Additives for Open Recirculating Cooling Water Systems"	To review and revise or reaffirm ANSI/NACE SP0300/ISO 16784-1.
SP0590	SC 18	Prevention, Detection, and Correction of Deaerator Cracking	Review and revise or reaffirm NACE SP0590 (formerly RP0590).
SP21482	SC 18	Steam Generating Systems: Shut-Down/Lay-Up/Start-Up	To establish effective methods for shut-down, lay-up, and start-up of components within steam-generating systems, and to write a standard. This may include, but not be limited to, feedwater lines, feedwater heaters, deaerators, economizers, steam generators, superheaters, reheaters, condensers, and condensate lines.
SP21518	SC 18	Recovery and Repassivation After Low pH Excursions in Open Recirculating Cooling Water Systems	Review SP21518.

TM0199	SC 18	Standard Test Method for Measuring Deposit Mass Loading (“Deposit-Weight-Density”) Values for Boiler Tubes by the Glass-Bead-Blasting Technique	To review TM0199.
TR08113	SC 18	Corrosion Problems and Renewal Technologies in Municipal Wastewater Systems	A technical committee report to identify current wastewater corrosion issues.
MR21506	SC 19	Universal Solvent Free Definition	The target of this initiative is to create a universal definition of solvent free coatings, aligned across the value chain of relevant stakeholders. The scope of the definition is limited to coatings used during building, operation and maintenance of ships.
SP0111	SC 19	Coating Technical File in Accordance with the IMO Performance Standard for Protective Coatings	To develop a standard outlining required components of the IMO Performance Standard for Protective Coatings (PSPC) Coating Technical File (CTF) for collection during construction, delivery after construction, and onboard maintenance documentation.
SP0616	SC 19	Standard for Hull Roughness Measurements on Ship Hulls in Dry Dock	To develop a standard on how to perform both in-docking hull roughness readings (before blasting and cleaning in dry dock) and before out-docking hull roughness readings.
SP21416	SC 19	Application Process for Optimum Paint and Coating Systems’ Performance for Navy Ships	Replacement for AEP 59
SP21417	SC 19	Performance Requirements for Navy Ships Exterior Topside Coatings	Replacement for AEP 60
SP21418	SC 19	Performance Requirements for Underwater Hull Paint Systems	Replacement for AEP 61. This project is on hold.
SP21419	SC 19	Performance Requirements for Navy Ships Nonskid Coating Systems	Replacement for AEP 63. THIS DOCUMENT REQUIRES A 3-YEAR REVIEW (IN THE TEXT).
SP21421	SC 19	Pictorial Standard for Underwater Evaluation of Fouling Degree on Ship Hulls	To develop a pictorial standard to be used to evaluate the (1) extent, (2) location, and (3) type of fouling to ship hulls and propellers.
SP21483	SC 19	Corrosion Protection of Offshore Wind Power Units	To write a standard practice that defines a life cycle of corrosion protection for offshore wind power structures.

SP21484	SC 19	Splash Zone Site-Applied Corrosion Protection System	To develop a standard providing terminology and definitions for the site-applied system for corrosion protection, technical requirements, evaluation methods and criteria for performance, packing, and marking.
SP21485	SC 19	Citric Acid-Based Stainless Steel Passivation of Tankers and Storage Tanks.	To develop a standard that describes a new, improved method for passivating stainless steel chemical storage and transportation tankers.
SP21486	SC 19	Dry Docking Hull Surface Maintenance and Repair Standard Practice	To develop a 'best practice' standard for hull surface maintenance, repair and coating application for vessels dry dock, in order to create a uniform convention for all stakeholders involved in dry docking.
SP21487	SC 19	Hull in Water Inspection and Reporting	Develop a standard for the undertaking and a template report of hull in water inspections taking into account NACE SP21421 "Pictorial Standard for underwater Evaluation of Fouling Degree on Ship Hulls", classification and various stakeholders requirements.
SP21494	SC 19	Technical Specification of Coating for Ship Maintenance (China)	This (China) standard is developed to meet the requirements of rapid growth in marine maintenance market and fulfill the environment protection requirements. Shall be considered as normative for marine maintenance that is highly practical and valuable which improves the quality of marine maintenance and keeps pace with worldwide maintenance requirements. This standard specifies coating survey on steel surface, surface preparation, coating application, technical inspection requirements on coating quality. This standard is applied to coating repairs on steel substrate of steel vessel. The standard may be also used as a reference for other repairs. Working in coordination with SP21486

SP21507	SC 19	Sandwich Plate Composite Repair of Steel Structures	Both onshore storage tanks and offshore/marine vessels and units (such as floating production storage and offloading (FPSO) units, Floating Storage and Offloading (FSO) units) for oil and gas drilling, production, and transportation generally experience very corrosive environments. Severe corrosion to the structures is frequently required to be repaired for restoration of the structural strength and the tightness for safety requirement from regulatory. Conventionally crop-and-replace method and welding repairs are used in the oil and gas industry and allowed from regulatory requirements. However, these repairs are considered as a hot work repair method. Once the hot work repair is arranged, it is required that the subject tank/location and adjacent tanks/structures be in a gas free condition for compliance with safety requirements. This may cause a significant impact on the continuous operation of the units. Thus, adhesively bonded sandwich composite repairs to the damaged structure would be generally preferred for favorite considerations of safety and continuous operation as the repairs can be done without cutting and replacement of steel place and only one side access is needed during the repair. With the increased use of composites in repairs for maritime vessel and oil / gas structures, a standard practice from NACE is needed for a unified industry standard for all parties of the repair technology. This standard practice is to set out requirement on the Sandwich Plate Composite Repair of Steel Structures for predicted repair life.
TM0112	SC 19	Test to Determine the Potential Corrosion Effects of Ballast Water Treatment Systems on Ballast Tanks	To review and revise or reaffirm NACE Standard TM0112. Referenced by IMO.

TR21517	SC 19	Grooming and Remote Inspection of Ship Hull Surfaces	To develop a technical report, specifically targeted to the maritime industry, related to the use of drones and robotics inspection with the objective to utilize proactive grooming and remote inspection capabilities, to maintain the vessel's carbon intensity and extend the dry dock interval.
GUIDE 21532	SC 20	Guideline for Materials selection for CO2 transport and injection	Development of a guideline /standard that provides guidance for CCS (Carbon Capture and Storage) projects addressing the relation between the selected materials and the CO2 purity (max. content of impurities) as well as potential degradation / failure mechanisms, operating scenarios, etc.
GUIDE 21555	SC 20	Water Analysis for Corrosion Prediction - Sampling Analysis and Interpretation	This guide will outline the techniques for analyzing water to predict corrosion. A robust water analysis is a crucial part of corrosion prediction and a frequent source of error. This guide will provide an understanding of water analysis, and the impacts of water sampling on corrosion prediction and analysis.
MR0174	SC 20	Selecting Inhibitors for Use as Sucker-Rod Thread Lubricants	Update, revise and reaffirm MR0174 Standard.
SP0192	SC 20	Monitoring Corrosion in Oil and Gas Production with Iron Counts	Review and revise NACE SP0192 (formerly RP0192).
SP0195	SC 20	Corrosion Control of Sucker Rods by Chemical Treatment	Review and revise as necessary SP0195 (formerly RP0195)
SP0273	SC 20	Handling and Proper Usage of Inhibited Oilfield Acids	To review and revise as necessary NACE SP0273 (formerly RP0273).
SP0499	SC 20	Corrosion Control and Monitoring in Seawater Injection Systems	Review NACE SP0499.
SP0775	SC 20	Preparation, Installation, Analysis, and Interpretation of Corrosion Coupons in Oilfield Operations	Review and revise as necessary NACE Standard SP0775 (formerly RP0775)

SP21508	SC 20	Specification for batch treatment and continuous injection of corrosion inhibitor for oil and gas gathering pipelines	This standard is to provide a technical specification for chemical treatment to prevent internal corrosion of carbon steel pipelines by acid producing gases, CO2 and H2S, and organic acids. The proposed standard is devoted to summarize industrial experience of inhibitors and to offer technical guidance for oil and gas field companies, operators, design engineers, contractors, inhibitor researchers, suppliers and users. The standard covers full requirements for chemical treatment involving: 1) information gathering - including physicochemical properties of compositional fluids, pipeline specifications, physiognomy and available facilities; 2) inhibitor evaluation; 3) injection methods; 4) dosage calculation; 5) preparation prior to injection; 6) injection equipment and location; 7) assessing effectiveness of treatment.
TM0173	SC 20	Methods for Determining Quality of Subsurface Injection Water Using Membrane Filters	Review and revise NACE Standard TM0173.
TM0197	SC 20	Laboratory Screening Test to Determine the Ability of Scale Inhibitors to Prevent the Precipitation of Barium Sulfate or Strontium Sulfate, or Both, from Solution (for Oil and Gas Production Systems)	Review NACE TM0197, "Laboratory Screening Test to Determine the Ability of Scale Inhibitors to Prevent the Precipitation of Barium Sulfate and/or Strontium Sulfate from Solution (for Oil and Gas Production)."
TM0374	SC 20	Laboratory Screening Tests to Determine the Ability of Scale Inhibitors to Prevent the Precipitation of Calcium Sulfate and Calcium Carbonate from Solution (for Oil and Gas Production Systems)	Review and revise as necessary TM0374.
TM0397	SC 20	Screening Tests for Evaluating the Effectiveness of Gypsum Scale Removers	Review and revise as necessary NACE Standard TM0397
TM0399	SC 20	Determination of Phosphonate Concentration in Water	This document was stabilized 04/06/2018. NACE standard TM0399.
TR21413	SC 20	Prediction of Internal Corrosion in Oilfield Systems from System Conditions	Review technical committee report summarizing various predictive methods and provide guidelines for application of those methods for prediction of corrosiveness.

TR21488	SC 20	Pre-Job Determination for the Decontamination of Refinery and Pipeline Equipment	Development of a State-of-the-Art Report and eventual development of a Standard aimed at defining the best practices which should be put into place prior to the commencement of chemical and mechanical cleaning jobs in the Oil and Gas industry, with particular attention paid to the areas of Sample Techniques, Chemical Analysis of Samples, and cleaning recommendations.
TR31215	SC 20	Laboratory Evaluation of Corrosion Inhibitors Used in the Oil and Gas Industry	Prepare a technical committee report detailing various laboratory test methods for the evaluation of corrosion inhibitors.
GUIDE 21552	SC 21	Corrosion Considerations for Selection of Rock Bolts	The present document will discuss the principal corrosion mechanisms governing the degradation of rock bolts. An explanation for mechanism will be provided, along with a discussion on the factors that may impact the rate of degradation. The mechanistic discussion will be linked to corrosion mitigation strategies that may include material selection, coatings, cathodic protection, etc. The document will provide a brief overview of the required testing needed to characterize the service environment and a general decision-making guide that will help pair up the right rock bolt with the right corrosion mitigation strategy for a given design life.
SP21489	SC 21	The Mitigation of Internal Corrosion in Non-Lined, Non-Coated Pipelines Carrying Seawater for the Mining Industry	Develop a Standard Practice on the Mitigation of Internal Corrosion in Non-Lined, Non-Coated Pipelines Carrying Seawater for the Mining Industry through the use of Chemicals and Other Means.
SP21490	SC 21	Slurry Pipeline Corrosion Management	Slurry Pipeline Corrosion Management
TM0106	SC 22	Detection, Testing, and Evaluation of Microbiologically Influenced Corrosion (MIC) on External Surfaces of Buried Pipelines	Review and revise TM0106.
TM0194	SC 22	Field Monitoring of Bacterial Growth in Oil and Gas Systems	To review and update NACE Standard TM0194

TM0212	SC 22	Detection, Testing, and Evaluation of Microbiologically Influenced Corrosion on Internal Surface of Pipelines	Revision of NACE Standard TM0212
TM21465	SC 22	Molecular Microbiological Methods - Sample Handling and Laboratory Processing	Standard Test Method that may be used to perform DNA-based microbiological analysis of samples collected for corrosion monitoring and control.
TM21495	SC 22	Laboratory Evaluation of the Effect of Biocides on Biofilms	Test Method that can be used to evaluate the effects of biocides and other production chemicals on biofilms and MIC (and not on planktonic microorganisms alone) before field application for effective MIC prevention and mitigation.
TR46107	SC 22	Control of Corrosion, Deposition, and Microbiological Growth in Recirculating Water Systems in Buildings	Review and revise or reaffirm TR46107, "Control of Corrosion, Deposition, and Microbiological Growth in Recirculating Water Systems in Buildings."
GUIDE 21550	SC 23	Guide for Application of Passive Fire Protection over Galvanized Surfaces	Establish industry requirements for surface preparation and application of fireproofing materials to galvanized steel. Fireproofing materials are expected to include intumescent and cementitious coatings.
GUIDE 21614	SC 23	Standard Guide for Improving the Precision of Dry Coating Thickness Measurements on Ferrous and Non-ferrous Metal Substrates Using Continuous Read/Scanning Technology	Statistical analysis of data (based on research and a Technical Paper presented by Jeff O'Dell, Vision Point Systems at the SSPC 2017 National Conference) suggests that greater precision of dry film thickness (DFT) measurements can be achieved by obtaining a greater population of measurements over a larger area using the scanning method over the traditional "place & remove probe" frequency described in Section 8 of the current version of the SSPC-PA 2 standard. Also, scanning technology enables an operator to collect a greater number of DFT measurements in a shorter time frame than the traditional "place & remove probe" method. Due to the increased number of measurements being collected, better indication of the sample mean can be obtained through increased precision.

GUIDE 22	SC 23	Use and Retention of Pre-Construction Primers on Steel in Shipbuilding	C.2.18 Use and Application of Pre-Construction Primers
GUIDE 24	SC 23	Soluble Salt Testing Frequency and Locations on New Steel Surfaces	C.2.12 Location of Soluble Salt Measurements
GUIDE 25	SC 23	Guide for Use and Selection of Powder Coating Systems for Protective Purposes	C.1.7 Powder Coatings
PA 1	SC 23	Shop Field and Maintenance Painting of Steel	C.4.1 Maintenance Painting
PA 14	SC 23	Application of Thick Film Polyurea and Polyurethane Coatings to Concrete, Steel, and Non-Ferrous Metals Using Plural-Component Equipment	C.1.9 Polyurea Coatings
PA 18	SC 23	Specification for Application of Thermal Spray Coatings to Steel Bridges	C.3.19 AASHTO/NSBA Thermal Spray Specification. PA 18/AASHTO-NSBA S8.2 Specification for Application of Thermal Spray Coatings to Steel Bridges
PA 19	SC 23	Standard for Visual Evaluation of Pinholes in a Concrete or Masonry Coating	C.8.1 Commercial Cleaning and Painting
PA 2	SC 23	Procedure for Determining Conformance to Dry Coating Thickness Requirements	C.3.2 PA 2 Revision
PA 9	SC 23	Measurement of Dry Organic Coating Thickness on Cementitious Substrates Using Ultrasonic Gages	C.3.12 DFT of Concrete Coatings
PA GUIDE 11	SC 23	Protecting Corners, Edges, Crevices, and Irregular Steel Geometries by Stripe Coating	C.4.1 Maintenance Painting
PA GUIDE 13	SC 23	Guide Specification for Application of Zinc-Rich Primers to Steel Bridges	C.3.10 PA Guide 13 revision. PA Guide 13/NSBA S8.1 Guide Specification for Application of Zinc-Rich Primers to Steel Bridges
PA GUIDE 5	SC 23	Guide to Maintenance Coating of Steel Structures in Atmospheric Service	C.4.1 Maintenance Painting

SP21530	SC 23	Qualification of Individuals for Application of Epoxy Intumescent Coatings to Steel Surfaces	This practice provides a standard qualifying method to verify the ability and proficiency of individual applicators in attaining the required quality of application of epoxy intumescent coatings to steel surfaces. The standard practices set forth herein may be appropriate for assessing the skill level of applicators in shop or maintenance (insitu) environments. The purpose of this practice is to judge only the ability of the individual to apply epoxy intumescent products correctly using the appropriate tools and equipment.
TR 4	SC 23	Preparation of Protective Coating Specifications for Atmospheric Service	JTG 004 Coating Specifications Protective Coatings and Linings. Formerly NACE 80200.
GUIDE 12	SC 24	Guide for Illumination of Industrial Painting Projects	C.5.1 Worker Safety
GUIDE 16	SC 24	Specifying and Selecting Dust Collectors	C.5.3.Environmental Monitoring
GUIDE 18	SC 24	Specifier's Guide for Determining Containment Class and Environmental Monitoring Strategies for Lead Paint Removal Projects	C.5.3.E Selecting and Specifying Containment
GUIDE 6	SC 24	Guide for Containing Surface Preparation Debris Generated During Paint Removal Operations	C.5.3.A Containment of Hazardous Debris
GUIDE 7	SC 24	Guide to the Disposal of Lead-Contaminated Surface Preparation Debris	C.5.3.B Disposal of Contaminated Debris
QP 1	SC 25	Standard Procedure for Evaluating the Qualifications of Industrial/Marine Painting Contractors (Field Application to Complex Industrial and Marine Structures)	C.3.5 QP 1 revision 2016
QP 2	SC 25	Standard Procedure for the Qualification of Painting Contractors (Field Removal of Hazardous Coatings from Industrial and Marine Steel Structures)	C.5.3.D QP 2 Revision
QP 3	SC 25	Certification Standard for Shop Application of Complex Protective Coating Systems	C.3.6 Qualification of Paint Shops/TG QP 3 Revision 2018. QP 3/AISC 420 Certification Standard for Shop Application of Complex Protective Coating Systems. AISC and SSPC (now AMPP) agreed upon a joint development MOU for this Standard.

QP 4	SC 25	Standard Procedure for Evaluating the Qualifications of Contractors Disturbing Hazardous Coatings During Demolition and Repair Work	C.3.5 Applicator Pre-Qualification
QP 5	SC 25	Standard Procedure for Evaluating the Qualifications of Coating and Lining Inspection Companies	Review (Qualification of Inspection Companies). Former committee C.3.7.
QP 6	SC 25	Standard Procedure for Evaluating the Qualifications of Contractors Who Apply Thermal Spray (Metallizing) for Corrosion Protection of Steel and Concrete Structures	C.3.17 QP 6 Revision
QP 7	SC 25	Procedure for Evaluating Coating Contractors with Limited Industrial Work Experience	C.3.5 Applicator Prequalification
QP 8	SC 25	Standard Procedure for Evaluating the Qualifications of Contracting Firms That Install Polymer Coatings and Surfacings on Concrete and Other Cementitious Substrates	C.7.4 QP 8 Revision
QP 9	SC 25	Standard Procedure for Evaluating Qualifications of Painting Contractors Who Apply Architectural Paints and Coatings	C.8.5 QP 9 Revision
QP21536	SC 25	QP BASE: Evaluating General Qualifications of Contractors Seeking QP Accreditation	QP BASE: Standard Procedure for Evaluating General Qualifications of Contractors Seeking QP Accreditation QP BASE will cover only non-technical elements that are not unique to any one type of work, such as shared defined terms, administrative and management procedures, quality management, etc. The QP BASE standard will provide guidance on suggested scope and organization of content needed in the numbered QP standards. Future revisions of the other numbered QP standards could then reference QP Base to allow those standards to focus on technical matters and eliminate overlap with other numbered [QP] standards.
SSPC-QS 1	SC 25	Standard Procedure for Evaluating a Contractor's Advanced Quality Management System	C.3.8 QS 1 Revision. Richard Smith was the Chair for this project.