



# Task 7

## STANDARD WIRE PRACTICE MANUAL SWPM/ESPM

### Co-Chairs:

Tracey Johnson

Boeing

Tony Poole

Airbus

# Task 7 STANDARD WIRE PRACTICE MANUAL SWPM/ESPM

**Task 7 HWG to consist of representatives from :**



- **Airlines / Operators**
- **Manufacturers**
- **The authorities**

**Has undertaken to complete the following tasks:**

Task 7.1: Establish Harmonization Working Group

Task 7.2: Coordination with other ATSRAC HWGs

Task 7.3: Standard Format

Task 7.4: Standard Content

Task 7.5: Considerations for Updates of Existing SWPMs.

Task 7.1: Establish Harmonization Working Group



**Task 7 HWG to consist of representatives from :**

- Airlines / Operators
- Manufacturers
- The authorities

Nominees to date:

Dave Padilla	Boeing
Claude Cuy-Y-Mola	Airbus
Frank Wright	Boeing
Philippe Renhas	Airbus
Airlines / Operators / Authorities	TBD

## Task 7 STANDARD WIRE PRACTICE MANUAL SWPM/ESPM

### Task 7.2: Coordination with other ATSRAC HWGs



**Co-Chair activity to ensure coordination  
between Task 6 and Task 9**

### Task 7.3: Define a Standard Format

Provide “*Standard Format*” recommendations for change proposals to FAA



## Task 7.4: Define Standard Content

Provide details of the topics as defined by Task 4 to FAA

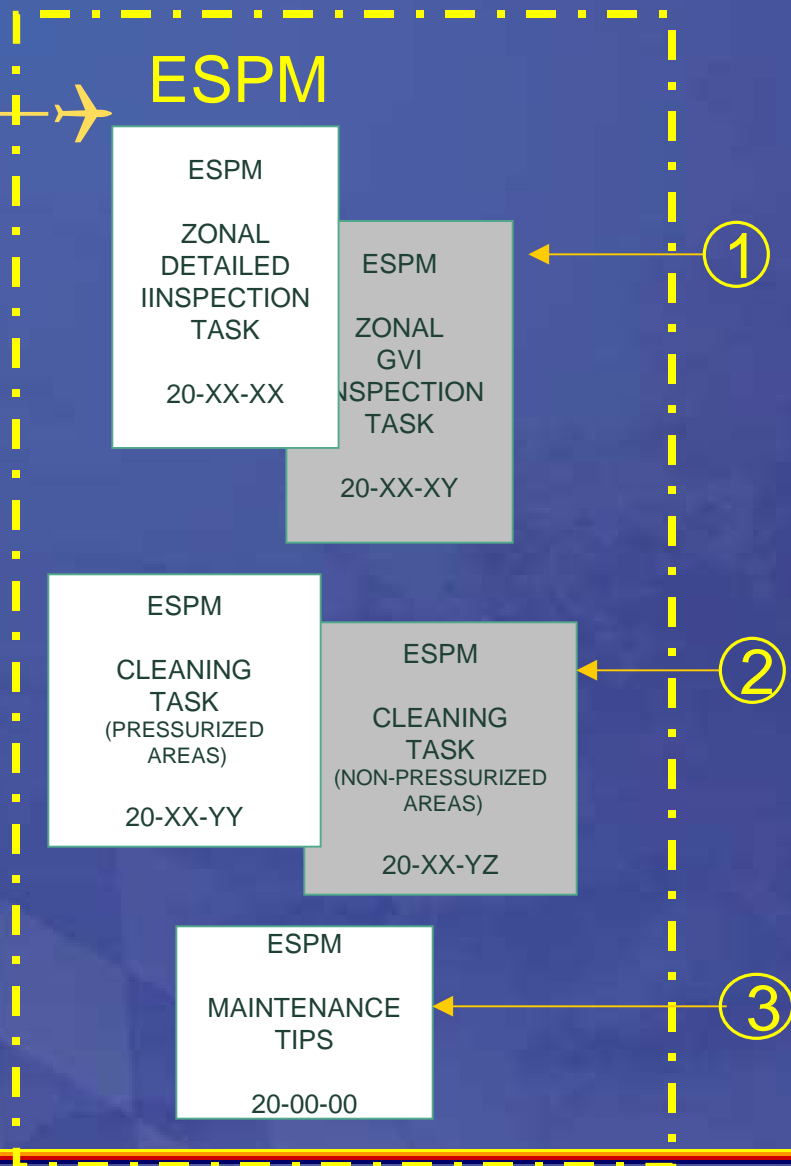
## Task 7.5: Recommended Updates of Existing SWPM/ ESPM

**TBD**

Schedule: Depending on other task group's inputs to Task 7

Meeting previewed - June/July, September, December.  
Submit interim recommendations in final format - Jan/02.

# DISCUSSIONS LEADING TO RECOMMENDATIONS FOR TASK 7

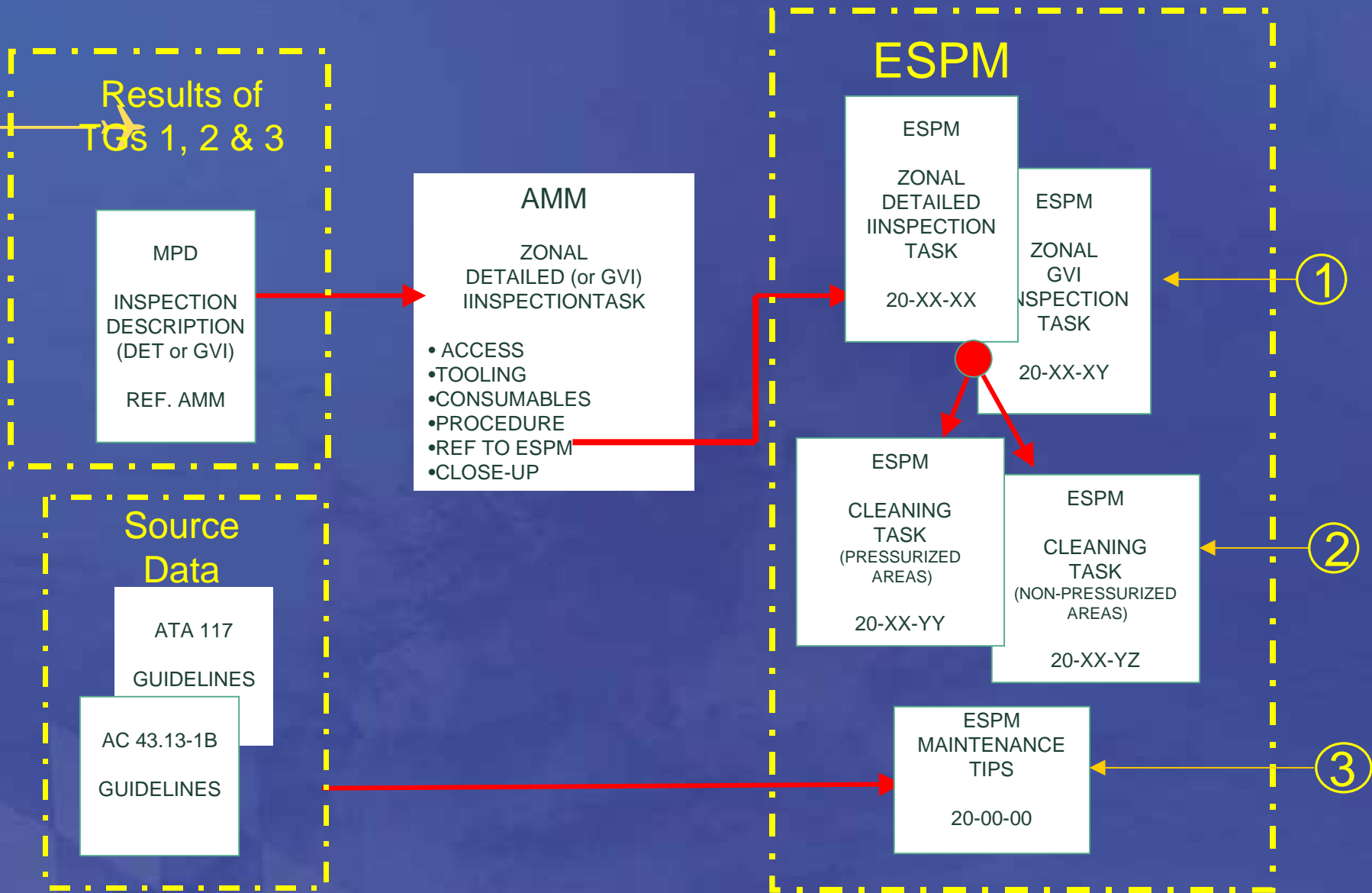


ESPM to ensure the coverage of standard "Inspection Tasks". (GVI and DET. inspection following result of TGs1, 2 & 3)

ESPM to ensure the coverage of standard "Cleaning Tasks". Two procedures may be created to cover pressurized & non-pressurized areas. These tasks to include ATA 117 "*Recommendations/Methods/Tips*"

ESPM to ensure the coverage of "Maintenance Tips" using ATA 117, AC 43.13-1B & AC 43.XX as source data..

# DISCUSSIONS LEADING TO RECOMMENDATIONS FOR TASK 7



# Scheduled Maintenance Links

**A319**  
AIRCRAFT MAINTENANCE

**ELECTRICAL ROUTING - AFT SECTION**

TASK 24-92-19-210-001

Perform a Detailed Visual Inspection of the Wiring

- WARNING :** PUT THE SAFETY DEVICES AND THE WARNING DEVICES IN PLACE BEFORE STARTING A TASK ON OR NEAR:
- THE FLIGHT CONTROLS
  - THE FLIGHT CONTROL SURFACES
  - THE LANDING GEAR AND THE RELATED COMPONENTS
  - THE RELATED COMPONENTS THAT MOVE.

1. Reason for the Job

Refer to the MPD TASK: 240000-03

2. Job Set-up Information

A. Fixtures, Tools, Test and Support Equipment

REFERENCE	QTY	DESIGNATION
No specific		mirror
No specific		torch
No specific		access platform 3.4 m (11 ft. 2 in.)

B. Referenced Information

REFERENCE	DESIGNATION
ESPM 20-53-00	Inspection criteria

**A319/A320/A321 MAINTENANCE PLANNING DOCUMENT**

REV CODE	TASK NUMBER	ZONE	DESCRIPTION	THRESHOLD INTERVAL SAMPLE	SOURCE	REFERENCE
	240000-02-1	330 340 500 600	ELECTRICAL POWER DETAILED VISUAL INSPECTION OF WIRE BUNDLES AT THEIR CONDUIT EXIT (EXCEPT ZONES 574 AND 674 )	E: 3500 FH	ISB CN	249200-210-001 AMM 249200/6 ISB 24-1044 CN 91-182-020 (B)
	240000-03-1	311 312	ELECTRICAL POWER DETAILED VISUAL INSPECTION OF WIRING BETWEEN FR76 AND FR77	C	ISB	249219-210-001 AMM 249219/6 ISB 24-1060
	240000-04-1	521	ELECTRICAL POWER	E: C	SIL	249200-210-003

## ESPM

- 20-10-00: Safety Practices
- 20-42-XX: Sleeves, Caps, Shield Terminations
- 20-43-XX: Splices and Pressure Seals
- 20-44-XX: Connectors
- 20-45-XX: Direct Connection Components/Relay
- 20-48-XX: Terminal Lugs and Contacts
- 20-50-00: Electrical Standard Processes
- 20-51-00: General Rules
- 20-52-00: General Processes
- 20-53-00: Repairs Processes
- 20-54-00: Miscellaneous Processes
- 20-55-00: Standard Tools
- 20-57-00: Wires Protections and Attachments
- 20-71-00: Engine data