

ISO 16192:2024-01 (E)

Space systems - Lessons learned - Principles and guidelines

| Contents | | Page |
|--|--|-----------|
| Foreword | | iv |
| Introduction | | v |
| 1 Scope | | 1 |
| 2 Normative references | | 1 |
| 3 Terms and definitions | | 1 |
| 4 The role of a lessons learned activity | | 2 |
| 4.1 Role..... | | 2 |
| 4.2 Information availability..... | | 2 |
| 5 Lessons learned management | | 2 |
| 5.1 The main applications of the lessons learned..... | | 2 |
| 5.2 Information sources for the lessons learned..... | | 3 |
| 6 The lessons learned process | | 3 |
| 6.1 General..... | | 3 |
| 6.2 Process steps..... | | 4 |
| 6.3 Description of lessons learned process steps..... | | 5 |
| 6.3.1 Data and information collection..... | | 5 |
| 6.3.2 Selection of the lessons learned cases..... | | 5 |
| 6.3.3 Validation and acceptance of the selected lessons learned..... | | 5 |
| 6.3.4 Classification of the selected lessons learned..... | | 6 |
| 6.3.5 Recording of the selected cases..... | | 6 |
| 6.3.6 Recommendation of applicable lessons learned to a new project..... | | 6 |
| 6.3.7 Measurement or assessment of the results of the lessons learned process..... | | 6 |
| 7 Content of the lessons learned record | | 6 |
| 7.1 General..... | | 6 |
| 7.2 Detailed content..... | | 6 |
| 7.2.1 General..... | | 6 |
| 7.2.2 Background of the root event..... | | 6 |
| 7.2.3 The lessons learned..... | | 7 |
| 7.2.4 Resulting recommendations and actions..... | | 7 |
| 8 Lessons learned implementation | | 7 |
| 8.1 General..... | | 7 |
| 8.2 Application..... | | 7 |
| 8.3 Responsibility..... | | 7 |
| 9 Effectiveness of the lessons learned process | | 7 |
| Annex A (informative) Generic lessons learned forms | | 9 |
| Annex B (informative) Short lessons learned form | | 12 |
| Bibliography | | 13 |