



Coillte Teoranta

# Forest Management Plan

Curlews

SO12

2006 to 2010

District Manager

Eugene Griffin

District

N2



## Table of Contents

|         |                               |
|---------|-------------------------------|
|         | Introduction                  |
| Table 1 | Area by Objective             |
| Table 2 | Area by Special Consideration |
| Table 3 | Area by Fell Year             |
| Table 4 | Area by Species Group         |
| Table 5 | Listing of Restocking MUs     |

Map 3.1 Location Map

Map 3.2 Clearfell Areas

Map 3.3 Thinning Areas

Map 3.4 Restocking Map



# Introduction

Forest: SO12 Curlews  
District: N2 District Manager Eugene Griffin

Curlews forest is situated in counties south Sligo and north Roscommon and is comprised of the Curlew Mountains .

The main soil type in Curlews are blanket peats and gleys.

The main towns and villages located in the catchment area of Curlews forest are Boyle, Gorteen and Ballinacorney.

The management focus for the forest is concerned with timber production.

There will be 170 ha clearfelled over the period of the plan.

Volume felled will be 67,000 m<sup>3</sup>.

Most of the forest is thinnable.

The forest contains 0 and 0 experiment plots. Proposed SPs (if any) containing either seedstands or experiment plots will be marked SD or EX as appropriate in tables 2.6 and 2.7



**Table 1 Area by Objective**

|                   | Forest: | SO12 | Curlews          |               |
|-------------------|---------|------|------------------|---------------|
| <u>OBJECTIVE</u>  |         |      | <u>AREA (ha)</u> | <u>%</u>      |
| Timber Production |         |      | 1,415.2          | 90.9%         |
| Biodiversity      |         |      | 141.1            | 9.1%          |
| <b>Total</b>      |         |      | <b>1,556.2</b>   | <b>100.0%</b> |



**Table 2 Area by Special Consideration**

| <b>Forest:</b>                      | <b>SO12</b> | <b>Curlews</b>          |                 |
|-------------------------------------|-------------|-------------------------|-----------------|
| <b><u>SPECIAL CONSIDERATION</u></b> |             | <b><u>AREA (ha)</u></b> | <b><u>%</u></b> |
| Access - Other                      |             | 17.3                    | 1.1%            |
| Access County Road                  |             | 9.6                     | 0.6%            |
| Expensive Access Road               |             | 3.3                     | 0.2%            |
| Farm Partnership                    |             | 3.7                     | 0.2%            |
| Legal                               |             | 27.3                    | 1.8%            |
| Lettings                            |             | 26.0                    | 1.7%            |
| None                                |             | 1,446.1                 | 92.9%           |
| Statutory Designation               |             | 23.0                    | 1.5%            |
| <b>Total</b>                        |             | <b>1,556.2</b>          | <b>100.0%</b>   |



Table 3 Area by Fell Year

Forest: SO12

Curlews

| <u>FELL YEAR</u>                | <u>AREA (ha)</u> | <u>ANNUAL AVERAGE</u> |
|---------------------------------|------------------|-----------------------|
| 2006                            | 4.3              |                       |
| 2007                            | 38.6             |                       |
| 2008                            | 33.7             |                       |
| 2009                            | 18.6             |                       |
| <u>5 Year Total and Average</u> | <u>95.3</u>      | <u>11.91</u>          |
| 2010                            | 67.3             |                       |
| 2011                            | 44.3             |                       |
| 2012                            | 4.4              |                       |
| 2013                            | 10.3             |                       |
| 2014                            | 25.3             |                       |
| <u>5 Year Total and Average</u> | <u>151.7</u>     | <u>15.17</u>          |
| 2015                            | 23.0             |                       |
| 2016                            | 0.0              |                       |



| <u>FELL YEAR</u>                       | <u>AREA (ha)</u>   | <u>ANNUAL AVERAGE</u> |
|--|--------------------|-----------------------|
| 2017                                   | 6.2                |                       |
| 2018                                   | 7.7                |                       |
| 2019                                   | 47.5               |                       |
| <b><u>5 Year Total and Average</u></b> | <b><u>84.4</u></b> | <b><u>9.38</u></b>    |
| 2020                                   | 12.6               |                       |
| 2021                                   | 18.5               |                       |
| 2022                                   | 0.0                |                       |
| 2023                                   | 0.0                |                       |
| 2024                                   | 9.3                |                       |
| <b><u>5 Year Total and Average</u></b> | <b><u>40.3</u></b> | <b><u>5.76</u></b>    |

**Table 4 Area by Species Group**

|         |                      |                  |              |
|---------|----------------------|------------------|--------------|
| Forest: | SO12                 | Curlews          |              |
|         | <u>SPECIES GROUP</u> | <u>AREA (ha)</u> | <u>%</u>     |
|         | ALD                  | 4.8              | 0.3          |
|         | BI                   | 10.1             | 0.7          |
|         | FIR                  | 5.1              | 0.4          |
|         | LAR                  | 39.4             | 2.8          |
|         | LP                   | 203.4            | 14.3         |
|         | NS                   | 7.5              | 0.5          |
|         | OB                   | 6.0              | 0.4          |
|         | SS                   | 1,145.6          | 80.6         |
|         |                      | <b>1,421.9</b>   | <b>100.0</b> |



**Table 5 Listing of Restocking MUs**

Forest: SO12 Curlews

| <b>2006</b>          |                    |                   |                               |                     |                  |           |           |            |            |           |            |           |            |           |            |           |  |
|----------------------|--------------------|-------------------|-------------------------------|---------------------|------------------|-----------|-----------|------------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|--|
| <b>MU</b>            | <b>Map Cutting</b> | <b>Objective</b>  | <b>Special Considerations</b> | <b>MU Area (ha)</b> | <b>Area (ha)</b> |           |           |            |            |           |            |           |            |           |            |           |  |
|                      |                    |                   |                               | <b>Open</b>         | <b>Spruce</b>    | <b>LP</b> | <b>SP</b> | <b>LAR</b> | <b>FIR</b> | <b>OC</b> | <b>Oak</b> | <b>BE</b> | <b>Ash</b> | <b>BI</b> | <b>Ald</b> | <b>OB</b> |  |
| 40                   | SO12-10            | Timber Production | None                          | 4.3                 | 0.7              | 2.2       | 1.1       | 0.0        | 0.2        | 0.0       | 0.0        | 0.0       | 0.0        | 0.2       | 0.0        | 0.0       |  |
| <b>Total MU Area</b> |                    |                   |                               | <b>4.3</b>          |                  |           |           |            |            |           |            |           |            |           |            |           |  |
| <b>2007</b>          |                    |                   |                               |                     |                  |           |           |            |            |           |            |           |            |           |            |           |  |
| <b>MU</b>            | <b>Map Cutting</b> | <b>Objective</b>  | <b>Special Considerations</b> | <b>MU Area (ha)</b> | <b>Area (ha)</b> |           |           |            |            |           |            |           |            |           |            |           |  |
|                      |                    |                   |                               | <b>Open</b>         | <b>Spruce</b>    | <b>LP</b> | <b>SP</b> | <b>LAR</b> | <b>FIR</b> | <b>OC</b> | <b>Oak</b> | <b>BE</b> | <b>Ash</b> | <b>BI</b> | <b>Ald</b> | <b>OB</b> |  |
| 108                  | SO12-8             | Timber Production | None                          | 11.3                | 1.7              | 5.7       | 1.9       | 0.0        | 1.0        | 0.0       | 0.0        | 0.0       | 0.0        | 1.0       | 0.0        | 0.0       |  |
| 110                  | SO12-8             | Timber Production | None                          | 15.3                | 2.3              | 6.5       | 3.9       | 0.0        | 1.3        | 0.0       | 0.0        | 0.0       | 0.0        | 1.3       | 0.0        | 0.0       |  |
| 117                  | SO12-8             | Timber Production | Expensive Acces               | 3.3                 | 0.5              | 2.5       | 0.0       | 0.0        | 0.3        | 0.0       | 0.0        | 0.0       | 0.0        | 0.0       | 0.0        | 0.0       |  |
| 147                  | SO11-1,2           | Timber Production | None                          | 3.4                 | 0.5              | 1.1       | 1.1       | 0.0        | 0.3        | 0.0       | 0.0        | 0.0       | 0.0        | 0.3       | 0.0        | 0.0       |  |
| 51                   | SO12-5,13          | Timber Production | None                          | 5.4                 | 0.8              | 3.7       | 0.0       | 0.0        | 0.5        | 0.0       | 0.0        | 0.0       | 0.0        | 0.5       | 0.0        | 0.0       |  |
| <b>Total MU Area</b> |                    |                   |                               | <b>38.6</b>         |                  |           |           |            |            |           |            |           |            |           |            |           |  |
| <b>2008</b>          |                    |                   |                               |                     |                  |           |           |            |            |           |            |           |            |           |            |           |  |
| <b>MU</b>            | <b>Map Cutting</b> | <b>Objective</b>  | <b>Special Considerations</b> | <b>MU Area (ha)</b> | <b>Area (ha)</b> |           |           |            |            |           |            |           |            |           |            |           |  |
|                      |                    |                   |                               | <b>Open</b>         | <b>Spruce</b>    | <b>LP</b> | <b>SP</b> | <b>LAR</b> | <b>FIR</b> | <b>OC</b> | <b>Oak</b> | <b>BE</b> | <b>Ash</b> | <b>BI</b> | <b>Ald</b> | <b>OB</b> |  |



|     |          |                   |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|----------|-------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 154 | SO12-6   | Timber Production | None | 3.5  | 0.5 | 1.5 | 1.2 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 193 | SO12-6   | Timber Production | None | 12.7 | 1.9 | 5.4 | 3.2 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 0.0 |
| 116 | SO12-8   | Timber Production | None | 5.6  | 0.8 | 2.4 | 1.4 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 |
| 97  | SO12-12  | Timber Production | None | 7.0  | 1.1 | 3.6 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 |
| 32  | SO12-3,5 | Timber Production | None | 4.9  | 0.7 | 3.5 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 |

**Total MU Area 33.7**

| <b>2009</b> |                    |                   |                               | <b>Area (ha)</b>    |             |               |           |           |            |            |           |            |           |            |           |            |           |
|-------------|--------------------|-------------------|-------------------------------|---------------------|-------------|---------------|-----------|-----------|------------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| <b>MU</b>   | <b>Map Cutting</b> | <b>Objective</b>  | <b>Special Considerations</b> | <b>MU Area (ha)</b> | <b>Open</b> | <b>Spruce</b> | <b>LP</b> | <b>SP</b> | <b>LAR</b> | <b>FIR</b> | <b>OC</b> | <b>Oak</b> | <b>BE</b> | <b>Ash</b> | <b>BI</b> | <b>Ald</b> | <b>OB</b> |
| 177         | SO12-6             | Timber Production | None                          | 1.6                 | 0.2         | 0.7           | 0.4       | 0.0       | 0.1        | 0.0        | 0.0       | 0.0        | 0.0       | 0.0        | 0.1       | 0.0        | 0.0       |
| 92          | SO12-12            | Timber Production | None                          | 13.2                | 2.0         | 7.3           | 2.2       | 0.0       | 0.6        | 0.0        | 0.0       | 0.0        | 0.0       | 0.0        | 1.1       | 0.0        | 0.0       |
| 22          | SO12-3,5           | Timber Production | None                          | 3.9                 | 0.6         | 1.6           | 1.0       | 0.0       | 0.3        | 0.0        | 0.0       | 0.0        | 0.0       | 0.0        | 0.3       | 0.0        | 0.0       |

**Total MU Area 18.6**

| <b>2010</b> |                    |                   |                               | <b>Area (ha)</b>    |             |               |           |           |            |            |           |            |           |            |           |            |           |
|-------------|--------------------|-------------------|-------------------------------|---------------------|-------------|---------------|-----------|-----------|------------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| <b>MU</b>   | <b>Map Cutting</b> | <b>Objective</b>  | <b>Special Considerations</b> | <b>MU Area (ha)</b> | <b>Open</b> | <b>Spruce</b> | <b>LP</b> | <b>SP</b> | <b>LAR</b> | <b>FIR</b> | <b>OC</b> | <b>Oak</b> | <b>BE</b> | <b>Ash</b> | <b>BI</b> | <b>Ald</b> | <b>OB</b> |
| 164         | SO12-6             | Timber Production | None                          | 23.1                | 3.5         | 9.8           | 5.9       | 0.0       | 2.0        | 0.0        | 0.0       | 0.0        | 0.0       | 0.0        | 2.0       | 0.0        | 0.0       |

