



Preservation planning within PRONI

Hugh J Campbell

1 May 2015

Agenda

- What is preservation planning?
- Preservation planning within PRONI
- File formats
- Questions

PRONI

Preservation planning



PRONI

Preservation planning – technical options and risks

➤ Preservation strategy

➤ Emulation

➤ Migration

➤ Keep original

➤ Keep original + all migrations

➤ Keep original + major migrations

➤ Monitor external environment for changes and risks

➤ Update policies and procedures in light of these changes

PRONI

File format register - purpose

- Entry in file format register for each type of file we encounter
- Records details about:
 - File format
 - Our preservation format
 - Our access format

PRONI

#NAME?	INV-52-200	NIL RETURN	044FISHERI	07 (PTW)	RA-ATT	2
XLSMAY2010	DRAFT	DRAWING		2006	2007	4
WORKSHOPS	BIKING	\$\$\$		3	2011	32
WBK - JACK	4FCD492E					06 (PTW)
TECHNICAL	027TASK FO					
REVIEW OF	2009					
PP O'H MCG						
NO 9						
I ABATEMEN						
GRAHAM 19T						
GLEN RAVEL						
21-23;27-3						

DROID

➤ [DROID output.xlsx](#)



PRONI

File format register – creation and update

- Remove blanks / add dummy values and add container signature and file signature
- [DROID output with dummy values.xlsx](#)
- Validate against file format register
- [DIG-1-2015 FileFormat ErrorReport 2015-04-22 10-45-23.txt](#)
- Add preservation and access values
- [DROID output with preservation and access values.xlsx](#)

Preservation and access formats

➤ R+D

- DPC Technology Watch Reports
- Global community willing to share
- Web based research

PRONI

Contact details

hugh.campbell@dcalni.gov.uk

Public Record Office of Northern Ireland
2 Titanic Boulevard
Belfast
BT3 9HQ

Tel: 028 9053 4834

PRONI