

# Subgroup-C, High Priority Request List

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**Joint Research Centre**  
the European Commission's  
in-house science service

# Content

## 1. Mandate:

- a) renewal due June 2016: chairman and scope
- b) Plompen will resign after 12 years. Candidates will be voted before NSC (May, mid June)
- c) Other applications to be included in mandate.

## 2. Membership

## 3. New requests

- a)  $^{237}\text{Np}(n,f)$ .
- b) U5,P9 PFNS, sig-f, sig-inl, nu-bar to do.

## 4. New requests: Special Purpose Quantities

- a) Implementation (IT support for change to website)
- b) Proposal OK for SG-C. NEA to finalize. Requests can be entered

## 5. Feedback.

- a) Practical approach, list will be presented in minutes

## SG-C Meeting, 2016: List of ACTIONS- 2015

Actions		
1. Action NEA:	The mandate should be a reference document on the HPRL website.	✓
2. Action NEA:	Remind the projects of the need to appoint new/additional members of SG-C and ask existing members if they wish to continue.	✓
3. Action NEA:	Modify the SG-C mailing list to reflect its current members and remind the members and WPEC of the way to use it (distribute the name).	✓
4. Action SG-C members:	review the HPRL mailing list (distribution of present list by NEA).	✓

[wpec-sgc@nea.fr](mailto:wpec-sgc@nea.fr) or [wpec-sgc@oecd-nea.org](mailto:wpec-sgc@oecd-nea.org)

WPEC subgroup C on the High Priority Request List for Nuclear Data (Subscribers: 17)

<http://www.oecd-nea.org/sympa/review/wpec-sgc>

Email	<u>Domain</u>	Reception	<u>Sub date</u>	Last update
<a href="mailto:a.koning@iaea.org">a.koning@iaea.org</a>		mail	25 Nov 2015	25 Nov 2015
<a href="mailto:arjan.plompen@ec.europa.eu">arjan.plompen@ec.europa.eu</a>		mail	05 Nov 2015	05 Nov 2015
<a href="mailto:danony@rpi.edu">danony@rpi.edu</a>		mail	27 May 2015	27 May 2015
<a href="mailto:donald.l.smith@anl.gov">donald.l.smith@anl.gov</a>	<b>bouncing</b>	mail	11 Dec 2013	11 Dec 2013
<a href="mailto:fukahori.tokio@jaea.go.jp">fukahori.tokio@jaea.go.jp</a>		mail	16 Jun 2015	16 Jun 2015
<a href="mailto:gerald.rimpault@cea.fr">gerald.rimpault@cea.fr</a>		mail	11 Apr 2016	11 Apr 2016
<a href="mailto:gezg@ciae.ac.cn">gezg@ciae.ac.cn</a>		mail	04 Jun 2015	04 Jun 2015
<a href="mailto:harada.hideo@jaea.go.jp">harada.hideo@jaea.go.jp</a>		mail	03 Jun 2015	03 Jun 2015
<a href="mailto:iwamoto.osamu@jaea.go.jp">iwamoto.osamu@jaea.go.jp</a>		mail	03 Jun 2015	03 Jun 2015
<a href="mailto:ntof@ciae.ac.cn">ntof@ciae.ac.cn</a>		mail	04 Jun 2015	04 Jun 2015
<a href="mailto:oscar.cabellos@oecd.org">oscar.cabellos@oecd.org</a>		mail	02 May 2016	02 May 2016
<a href="mailto:pronyaev@ippe.ru">pronyaev@ippe.ru</a>	<b>bouncing</b>	mail	29 Feb 2016	29 Feb 2016
<a href="mailto:sun_weili@iapcm.ac.cn">sun_weili@iapcm.ac.cn</a>		mail	05 Jun 2015	05 Jun 2015
<a href="mailto:tomohiko.iwasaki@qse.tohoku.ac.jp">tomohiko.iwasaki@qse.tohoku.ac.jp</a>		mail	26 Feb 2016	26 Feb 2016
<a href="mailto:vkoscheev@ippe.ru">vkoscheev@ippe.ru</a>		mail	04 Jan 2016	04 Jan 2016
<a href="mailto:yokoyama.kenji09@jaea.go.jp">yokoyama.kenji09@jaea.go.jp</a>		mail	06 Jul 2015	06 Jul 2015
<a href="mailto:yolee@kaeri.re.kr">yolee@kaeri.re.kr</a>		mail	03 Jun 2015	03 Jun 2015

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Requester details	
Name	S. Simakov
Email	<a href="mailto:s.simakov@iaea.org">s.simakov@iaea.org</a>
Organisation	IAEA
Country or International Organisation	IAEA
Measurement details	
Target Z	Ga
Target A	67
Reaction/Process	DECAY
Quantity	DECAY data
Incident Energy range	NA
Secondary energy (eV) or angle	NA
Covariance information	Y
Type of request	SPQ – Decay Data
Field (application areas)	Standard
Subfield	Standards for detector calibration
Impact Documentation	IRDF web page <a href="https://www-nds.iaea.org/IRDF/">https://www-nds.iaea.org/IRDF/</a> IRDF test CRP page <a href="https://www-nds.iaea.org/IRDFtest/">https://www-nds.iaea.org/IRDFtest/</a>
Requested Accuracy	
Justification documentation	The evaluation is based on the value of the absolute emission probability of conversion electrons from the gamma transition of 93.3 keV $P(ec_{i,0})=0.325(4)$ . It is obtained from the two discrepant measurement results of 0.3206(23) and 0.329(4). Further measurements of this key value are required. Methods: 4PI(LS)e, X-g coincidences
General comments	
Attached files	

## SG-C Meeting, 2016: List of ACTIONS- 2015

Actions		
8. Action AP (done):	Send an email to Robert Mills (NNL), Mark Kellett (LNHB), V. Chechev (Khlopin RI), Dr. F. Minato (JAEA), I. Gauld (ORNL), A. Sonzogni (BNL) to review the list by T.Golashvili (Annex 5) and modify and add to it in accordance with their view of importance to applications interests. Consult with the SG-C chair in case this email requires assistance.	
9. Action AP (done):	Contact Robert Mills (NNL), Mark Chadwick, Morgan White (LANL), Ian Gauld (ORNL), (JENDL, T. Fukahori), O. Serot (CEA), A. Ignatyuk (IPPE) to provide their suggestions for an SPQ list of Fission Yield requests.	
10. Action AP (done):	Contact G. Noguere (CEA), D. Roubtsov (AECL), Y. Danon (RPI), M. Dunn (ORNL), A. Kahler (LANL), I. Hawari (NCSU), T. Fukahori (JAEA) to provide their suggestions for an SPQ list of Thermal Scattering Law requests.	

## SG-C Meeting, 2016: List of ACTIONS- 2015

Actions		
11.Action MW:	Prepare requests for nu-bar of U-235 and Pu-239 in consultation with M. Chadwick.	
12. Action MW:	Prepare requests for the PFNS of U-235 and Pu-239 in consultation with M. Chadwick.	
13. Action M. Chadwick:	Propose requests for the fission cross sections of U-235 and Pu-239.	
14. Action MW and AP:	Prepare requests for Pu-239 and U-235 inelastic scattering.	

## SG-C Meeting, 2016: List of ACTIONS- 2015

Actions		
15. Action AP:	Renew the appeal for feedback to the project responsables, SG-C and WPEC and ensure timely completion of the report and the mandate deliverables.	