Records of permission for figures 15, 19 and 20
(e-mails to/from George Choy (figures 19 and 20) and Jeroen Tromp (Figure 15)

From: Vernon Cormier [mailto:vernon.cormier@uconn.edu]
Sent: 28 November 2006 00:34
To: Kruze, Zoe (ELS-OXF)
Subject: Re: e-mail records of permission for Figures 19, and 20 and 15

Zoe,
Here pasted below are some e-mail records of exchanges for permission to use figures 19 and 20 by G. Choy and figure 15 J. Tromp. Sorry for the extraneous info contained in the msgs, but they do make clear that authors forwarded figures and understand and give permission for their use. Glad you were able to download figures. All other figures were generated by me, including several that were redrafted from texts. Happy to clear up any difficulties as the editing goes along and appreciate your help,
Vernon

FIGURES 19 and 20
Following e-mail exchanges below are for Figures 19 and 20 from George Choy, USGS, Golden, CO

George,

Thank you for the references and figures. I will be using the two figures discussed and most of the captions you included below.
Vernon
-----Original Message-----
From: George Choy [mailto:choy@usgs.gov]
Sent: Fri 11/17/2006 7:50 PM
To: Cormier, Vernon
Cc:
Subject: Re: Figures for Treatise on Geophysics
Vern,
Glad I could help.
Here are the references for the figures:
For the instrument deconvolution:
Choy, G. L., and Engdahl, E. R., 1987, Analysis of broadband seismograms from selected IASPEI events: Physics of the Earth and Planetary Interiors, v. 447, p. 80?92.

For the Nenana earthquake data and synthetics:
Choy, G. L., and Boatwright, J., 2004, Radiated energy and the rupture process of the Denali Fault earthquake sequence of 2002 from broadband teleseismic body waves: Bulletin of the Seismological Society of America, v. 94, p. S269-S277.

The caption to the first figure was originally: Different representations of the P wave recorded at RSNY for the 19 May 1985 earthquake off the coast of central Chile. From top to bottom: the long-period record; the short-period record; broadband ground displacement; and broadband ground-velocity.

The caption to the Nenana data was: Plotted about the focal sphere are representative teleseismic P-wave displacements for the Nenana earthquake of October 23, 2002. The broadband data are plotted as solid lines; the synthetic displacements are plotted as dashed lines. The average moment release is plotted on the time axis.

George

FIGURE 15
Following exchange below is for Figure 15 from Jeroen Tromp, Calif. Inst. Of Tech., Pasadena CA
Jeroen,
OK, great. Thank you for the figure.
Vernon
--
Vernon F. Cormier
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On 11/20/06 4:11 PM, "Jeroen Tromp" <jtromp@gps.caltech.edu> wrote:
> Dear Vernon:
>
> Attached the figure.
>
>

>
> Best regards,
>
> Jeroen
>
> On Mon, 2006-11-20 at 13:32 -0500, Vernon Cormier wrote:
>> Jeroen,
>>
>>
>> Hello. I have completed a chapter for the Treatise on Geophysics on forward
>> modeling of body waves recently. I noticed that you were involved in this
>> project also with a numerical methods chapter. My chapter has been
>> reviewed, revised, and accepted but I am still tracking down figures. I
>> would like to show a figure illustrating ray-mode duality. One possible
>> figure I scanned is from your text with Tony Dahlen showing a plot of omega
>> versus angular order number for toroidal modes with the mode regions
>> separating S and ScS illustrated. I scanned this but the quality is poor
>> and I will need to get some permission from you or Tony in any case to use
>> the figure. Do you have a copy of this figure in .eps or other format at
>> suitably high resolution that I could obtain? Alternatively, I could
>> regenerate the figure easily if you have some ascii table of the mode
>> frequencies as function of n and l.
>>
>> _ _ _
>>
>> Separate from this -- I have a sabbatical leave coming up again. I am a
>> little more flexible than the previous time, and able to visit somewhere for
>> longer periods up to 6 to 12 months staring in January 2008. I am not

>> supposed to teach, but I am sure a small graduate seminare would not violate
>> my institution's rules. Are there any opportunities for support or visiting
>> appointments at Caltech next year? I know that funding is getting tighter
>> for everybody lately and am just starting now (probably late in the game) to
>> explore opportunities.
>>
>>
>> Best wishes,
>> Vernon
>>
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